

**Thirteenth census of the United States taken in the year 1910 : abstract of the census : statistics of population, agriculture, manufactures and mining for the United States, the states, and principal cities.**

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THIRTEENTH CENSUS OF  
THE UNITED STATES: 1910

ABSTRACT



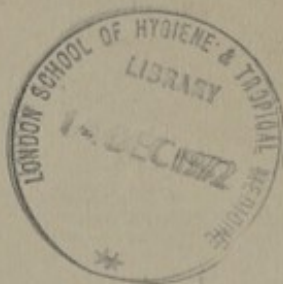
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# THIRTEENTH CENSUS OF THE UNITED STATES

TAKEN IN THE YEAR 1910

## ABSTRACT OF THE CENSUS

STATISTICS OF POPULATION, AGRICULTURE, MANUFACTURES  
AND MINING FOR THE UNITED STATES, THE  
STATES, AND PRINCIPAL CITIES



WASHINGTON  
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1914

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DEPARTMENT OF COMMERCE AND LABOR  
BUREAU OF THE CENSUS

# THIRTEENTH CENSUS

## UNITED STATES

1910





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DURING THE THIRTEENTH DECENNIAL CENSUS : 1909-1912



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## LETTER OF TRANSMITTAL.

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DEPARTMENT OF COMMERCE AND LABOR,

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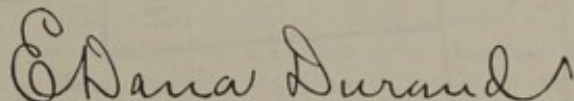
*Washington, D. C., December 21, 1912.*

SIR:

I have the honor to transmit herewith the Abstract of the Thirteenth Decennial Census. In condensed form it contains the principal statistics gathered at the decennial enumeration of 1910 on the subject of population (except occupation statistics), agriculture, manufactures, and mining, and gives figures on all subjects for the United States as a whole, and for the different states; together with statistics relating to population and manufactures for the principal cities.

Other editions of the Abstract are being issued with supplements relating to each of the states and to the District of Columbia, Alaska, Hawaii, and Porto Rico, respectively. Each of these editions will contain all of the matter here published, and, in addition thereto, a second section which will treat the same subjects with greater detail for the state to which it refers, and will embrace all of the census results to be published concerning that state, its counties, cities, and other civil divisions, except as to occupations.

Respectfully,

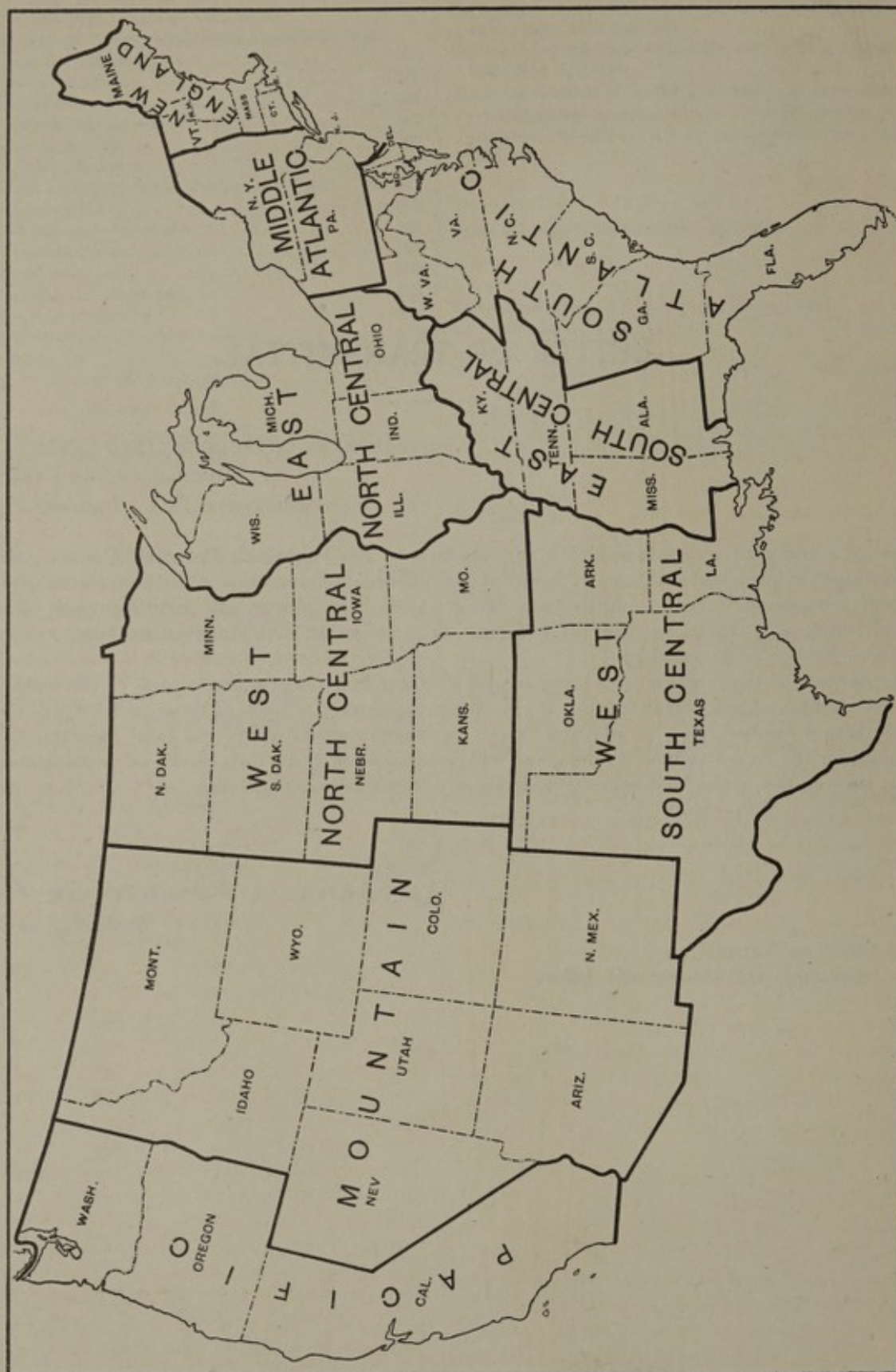


*Director of the Census.*

HON. CHARLES NAGEL,

*Secretary of Commerce and Labor.*

GEOGRAPHIC DIVISIONS.





## INTRODUCTION.

### SCOPE AND CHARACTER OF THE REPORT.

The present volume gives a report in condensed form of the Thirteenth Decennial Census of the United States, taken in the year 1910. It covers the four principal branches—Population, Agriculture, Manufactures, and Mines and Quarries—and is complete as to all the subjects comprised under these four branches, except the subject of occupations and one or two minor inquiries of the population schedule, the data for which have not yet been fully tabulated.

Most of the results of the census for individual states and for the country as a whole have been published from time to time in the form of press notices and preliminary bulletins, but the present report is the first general publication covering all topics.

*Purpose of the condensed summary.*—For a group of statistical inquiries covering as many subjects as the decennial census of the United States, an exhaustive report giving results for the smaller geographic units, such as counties and minor civil divisions, needs for its presentation a series of bulky volumes. Such a report, however valuable in libraries and reference collections, is inconvenient for general use, because the main results of the census must be picked out from a mass of geographical detail, and at the same time a person who wishes complete statistics for his own state, county, or city is obliged to search through several volumes. The Bureau of the Census therefore has prepared the present volume, which assembles in one place all the general results of the census. It presents statistics regarding population, agriculture, manufactures, and mines and quarries for the United States as a whole and for individual states; and statistics regarding population and manufactures also for the principal cities.

*State supplements.*—The condensed report or abstract is usually accompanied by a supplement for one of the states. Such a supplement has been omitted from the present edition, which is designed to meet the needs of those who are primarily interested in the statistics for the United States as a whole, for the individual states, and for the principal cities.

The supplements usually issued with the Abstract contain for a given state all of the details published by the census for counties and other subdivisions of the state regarding population, agriculture, and manufactures. Statistics for the state as a whole cover the same subjects with somewhat greater detail, and also mining industries. In this way it is designed to combine, as far as practicable in one volume, the advantages of a condensed treatment with those of an exhaustive treatment of census results. Many per-

sons desire statistics for the United States as a whole, for the states as its primary subdivisions, and for the principal cities of the country, but their interest in local detail does not as a rule extend beyond the borders of the state in which they reside. The combination, therefore, of a condensed census report and a state supplement will, it is believed, meet the needs of by far the majority of those who are interested in census results.

The method of presentation of the statistics in the supplement follows closely that in the main part of the volume. Here, as in the Abstract proper, the four subjects—Population, Agriculture, Manufactures, and Mines and Quarries—are covered. Detailed figures are given for population and agriculture by counties and for population and manufactures by cities. The tables contain numerous comparative and relative figures, and the text discussion, which for the most part is confined to the statistics for the state as a whole, will aid in interpreting the figures for its subdivisions. The method of arranging the statistics of population and agriculture for the counties differs from that at previous censuses, in that all the data concerning each county are presented in a few columns instead of being distributed by subjects among a number of distinct and widely separated tables. Statistics of population for cities are presented in similar form.

*Limitation of term "United States."*—The area of enumeration of the Thirteenth Decennial Census included, besides the United States in the ordinary understanding of that term, Alaska, Hawaii, and Porto Rico. Other outlying possessions and dependencies were not canvassed. The totals presented for the United States do not include Alaska, Hawaii, and Porto Rico, except when expressly stated. The exclusion of these outlying possessions from most of the tables and discussion rests on the obvious differences as respects population and social and economic conditions between these distant territories and continental United States.

*Grouping of states in geographic divisions.*—Almost all the facts presented in the tables and discussed in the text of this volume are given for each state as well as for the United States as a whole. Because, however, of the large number of states, and for other reasons, it is extremely difficult to exhibit the broad geographic conditions regarding population and production by means of comparisons among individual states. In addition, therefore, to the presentation of statistics by states, this volume gives statistics for nine groups of states, which are designated as geo-



graphic divisions. The states which constitute each division can be found in any of the general tables and can be seen at a glance at the map on page 12.

This plan reduces the comparisons necessary to a general understanding of the geographic differences in conditions to a number which can be readily grasped. The states within each of these divisions are for the most part fairly homogeneous in physical characteristics, as well as in the characteristics of their population and their economic and social conditions, while on the other hand each division differs more or less sharply from most others in these respects. In forming these groups of states the lines have been based partly on physical and partly on historical conditions. These nine geographic divisions are sometimes grouped in the text tables into three great sections—the North, which includes the New England, Middle Atlantic, East North Central, and West North Central divisions; the South, which includes the South Atlantic, East South Central, and West South Central divisions; and the West, which includes the Mountain and Pacific divisions.

The grouping of the states in geographic divisions has facilitated a geographical rather than an alphabetical order in the tables which present the results for individual states. The advantage of this geographical order lies in the greater ease with which conditions in contiguous states can be compared.

*Statistics for urban and rural communities.*—Cities represent, in comparison with the remainder of the country, a distinct type of economic and industrial life. This fundamental distinction between the economic activities of urban and rural districts brings with it certain marked differences with respect to the composition and characteristics of the population. As the cities are very numerous, and as they contain often a large part of the total population of a state, these differences can not be readily perceived by comparing the statistics for individual cities with those for the states. For convenience of comparison, therefore, the more important statistics regarding the number, composition, and characteristics of the population have been presented separately for urban communities as a group and for rural communities as a group. In drawing this distinction all incorporated places (including New England towns) having a population of 2,500 inhabitants or more are considered as urban, and the remainder of the country as rural. A discussion of this classification is found in Chapter 1.

Statistics concerning the urban as distinguished from the rural communities are given in many of the tables by states, but the more detailed statistics as well as the text discussion regarding the differences between the two classes of communities are confined to the United States as a whole and the geographic divisions. A further analysis of the urban population is given in some of the tables by classifying the cities according to their size. This grouping of the cities

would have little significance in the case of many individual states, because of the small number of larger cities, but is of much interest in the case of the geographic divisions.

In addition to statistics for urban communities as a class, figures are given throughout the chapters on population and manufactures for the more important cities individually. For the larger cities the tables generally give the same details as for the states. For smaller cities the statistics are presented in more condensed form.

*Comparative and derivative figures.*—Both in the general tables and in the text discussion an effort has been made to enhance the value of the statistics for the census of 1910 by the introduction of comparative figures for earlier censuses, and by the presentation of important ratios, averages, and percentages. The full significance of census data is brought out only by comparisons between different censuses and between different classes and communities for the same census, and comparisons based upon absolute numbers are usually much less instructive and less readily grasped than those based upon percentages and averages.

*Text discussion of tables.*—The general aspects of the statistics presented in tabular form are briefly discussed in the accompanying text. This explanatory text serves the purpose of calling attention to certain important results of the census inquiry. It is not intended that this text shall present an exhaustive analysis of the statistics. In the main, therefore, the discussion is confined to the facts disclosed by the census concerning the United States as a whole and the geographic divisions, with only occasional reference to the figures for individual states or cities. This general discussion, however, should serve as a guide in the interpretation of figures for such smaller geographic units, and should likewise be useful in preventing erroneous conclusions which might occasionally be drawn from the consideration of an isolated table, without taking into account its relation to other census data.

In the presentation of the results of the census by subjects, the text and tables relative to any subject have been treated as a unit, the tables being either inserted in the text or placed immediately after it. This represents a departure from the practice, followed in many census reports, of printing the general tables at the end of the volume and the text comment at the beginning, but it is believed to effect a distinct gain for those who consult the volume to study a given subject. At the same time those who merely refer to it for some particular figure will readily find it with the aid of the table of contents and the index.

Maps and diagrams have been employed in this volume to present graphically some of the more important facts ascertained by the census enumeration, and have as far as possible, like the tables, been printed in im-



mediate connection with the discussion of the subject to which they relate.

*Index.*—It will be recognized that the separate facts treated in this volume are so numerous that the preparation of a complete index both by subjects and by geographic units would be impracticable and of doubtful utility. The table of contents at the beginning of the volume will serve the needs of those who are interested in the broad general treatment of any of the topics included within the volume. To meet the needs of those who will use it mainly as a work of ready reference, an index has been prepared which, under each of the four main heads of the census—Population, Agriculture, Manufactures, and Mines and Quarries—gives an alphabetical list of the topics covered by the tables, and an indication of the classes of geographic units to which the figures given relate. Those who wish some items of information relative to some particular state or city can readily find it by looking up the index references for the class to which it belongs, either "states" or "cities," as the case may be.

*Comparison with previous census abstracts.*—While the present condensed report of the Thirteenth Census bears the title "Abstract of the Census," it differs in important respects from the publications of previous censuses bearing the same name. The Abstracts at previous censuses were merely reference books of statistical tables relating to the United States as a whole, the states, and principal cities. They contained no text whatever, maps and diagrams were wholly lacking, and the tables presented only a very limited amount of comparative matter.

#### ORGANIZATION OF THE THIRTEENTH DECENNIAL CENSUS.

*The permanent Census Bureau.*—The methods of collecting and tabulating the statistics of the Thirteenth Decennial Census were substantially similar to those employed in the Eleventh and Twelfth Censuses. The Thirteenth Census, however, was the first taken since the organization of the permanent Bureau of the Census. At every prior census an entirely new central organization had to be formed, as there were no permanent officials or clerks who continued in office during the interval between the decennial censuses. By virtue of the act of March 6, 1902, a permanent Bureau of the Census was created in the Department of the Interior, which bureau was subsequently transferred to the newly created Department of Commerce and Labor. One of the chief objects of this legislation was to permit the retention in the service of a certain number of persons familiar with decennial census work, but a further object was to provide an organization for the collection of certain classes of statistics during the interval between the decennial censuses. These intercensal investigations included some which had not been previously undertaken by the Federal Government at all and some

which had been carried on by other bureaus of the Government. They also included certain topics which had previously been investigated in connection with the decennial census, but which were not, by their nature, essential parts of such a census, and which tended unduly to complicate the work both in the field and in the office.

*General provisions of the Thirteenth Census act.*—The permanent census act of March 6, 1902, however, did not contain the special provisions of law necessary for the conduct of a decennial census. The Thirteenth Decennial Census was taken by virtue of the act of July 2, 1909, entitled "An act to provide for the Thirteenth and subsequent decennial censuses." This act designated the three years from July 1, 1909, to June 30, 1912, as the "decennial census period," and provided for an expansion of the force of the permanent bureau in Washington during that period and for the creation of a special field force to collect the census statistics.

The Thirteenth Census act provided that the decennial census should cover the four main subjects of Population, Agriculture, Manufactures, and Mines and Quarries. Of these, the subject of Mines and Quarries had not been covered by the census of 1900, but a special census of mines and quarries had been taken for 1902 under the provisions of the permanent census act. The Twelfth Census had covered the subject of Mortality, but, as mortality statistics are collected annually by the permanent Census Bureau, the subject was omitted from the Thirteenth Census.

A list of the principal official positions provided by the Thirteenth Census act and of the persons who filled them during the Thirteenth Census period is given on another page. The position of assistant director and one of the positions of chief statistician were an addition to the positions existing under the permanent census act. Provision was also made for an appointment clerk and a secretary to the director, for an increase in the number of chiefs of division from eight to twelve, and for a large increase in the clerical force in Washington.

*Collection of statistics of population and agriculture.*—The statistics of population and of agriculture (except part of those relating to irrigation which were collected by special agents) were collected by a force of supervisors and enumerators, while the statistics of manufactures and of mines and quarries were collected by special agents or by clerks detailed from the office. The number of supervisors of the census was 330. In general, each supervisor had jurisdiction over the territory of one congressional district, but in the states of Massachusetts, Connecticut, and Rhode Island, and a number of the larger cities, a single supervisor had charge of the work (in New York City there were two supervisors, one for Manhattan and Bronx Boroughs, and one for the other three boroughs). The supervisors were appointed by the President of the United States



by and with the consent of the Senate. They were paid \$1,500 each for their services, plus \$1 for each thousand inhabitants enumerated under their direction. The average population of most of the supervisors' districts was somewhat over 200,000, while the most populous district, the state of Massachusetts, had more than 3,000,000 inhabitants.

There were in all about 70,000 enumerators of population and agriculture. They were selected by the supervisors, subject to the approval of the Director of the Census. Candidates for the position were subjected to a practical examination, and the ratings given by the supervisors to the candidates, as well as their selections, were carefully reviewed in the Census Bureau.

The censuses of agriculture and population were taken as of the date April 15, 1910. Enumerators in cities of 5,000 inhabitants or more, where the work was practically confined to population statistics, were required to complete their canvass within fifteen days after that date; but the enumerators in the smaller towns and country districts, partly because of the greater area which they had to cover and partly because they collected statistics of agriculture as well as of population, were allowed thirty days. In the larger cities, and in some instances elsewhere, the supervisors were allowed special agents to assist in instructing and supervising the enumerators.

Enumerators were in general paid piece rates, from 2 to 4 cents per name for the population census and from 20 to 30 cents per farm for the agricultural census. In sparsely settled sections per diem rates, ranging usually from \$4 to \$6, were paid. Enumerators were required to bear their own expenses of transportation and subsistence. The average amount received by enumerators on piece rates was in the neighborhood of \$4 for each day actually employed; the average total compensation of enumerators in the city districts was about \$50, and in the country districts, about \$75.

*Collection of statistics of manufactures and mines.*—Except in a very few sparsely settled sections the supervisors and enumerators had nothing to do with the census of manufactures or of mines and quarries, the schedules for these subjects being collected, as already noted, by special agents or by clerks detailed

from the Census Bureau. The statistics related in general to the calendar year 1909 and were collected during the spring and summer of 1910. The special agents had varying terms of service, ranging usually from about two months to about six months. Their pay, in some cases on a piece basis, ranged from about \$3 to \$6 per day, in addition to travel and subsistence expenses when they were away from their headquarters.

*Office force and methods of tabulation.*—The compilation of the statistics of the decennial census required a large addition to the force of the Census Bureau in Washington. The additional clerks and subclerical employees were appointed on the basis of a competitive examination by the Civil Service Commission, the appointments being apportioned among the states in accordance with their population. The total force employed at different periods of time varied greatly, the minimum, representing the permanent force of the bureau at the beginning and close of the decennial census period, being about 650, and the maximum, in the fall of 1910, about 3,800.

The statistics regarding the population were tabulated by a punched card system. Under this system a card is prepared for each individual, on which the facts as to sex, race, age, marital condition, place of birth, and the like, are indicated by the punching of appropriate holes. These cards are then sorted according to classes by sorting machines, and the holes representing the various characteristics are counted by tabulating machines. Electric contacts through the punched holes determine the groups into which the cards are sorted, and similar electric contacts operate the counters of the tabulating machines. On account of the complexity of the statistics required each card must be sorted several times and run through the tabulating machines several times. The tabulation of the statistics of population in the present report represented the equivalent of handling once on the sorting and tabulating machines more than 700,000,000 cards.

The statistics of agriculture, manufactures, and mines and quarries were tabulated for the most part by means of ordinary adding machines, no use being made of the punched card system. The schedules were first sorted by hand, according to the desired classes.

ABSTRACT OF  
THE THIRTEENTH CENSUS  
1910



POPULATION  
AGRICULTURE  
MANUFACTURES  
MINES AND QUARRIES







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## POPULATION



- CHAPTER 1.—NUMBER AND DISTRIBUTION OF INHABITANTS  
CHAPTER 2.—COLOR OR RACE, NATIVITY, PARENTAGE, AND SEX  
CHAPTER 3.—AGE AND MARITAL CONDITION  
CHAPTER 4.—STATE OF BIRTH OF NATIVE POPULATION  
CHAPTER 5.—POPULATION OF FOREIGN BIRTH AND FOREIGN PARENTAGE, BY  
COUNTRY OF ORIGIN  
CHAPTER 6.—FOREIGN-BORN POPULATION—DATE OF IMMIGRATION  
CHAPTER 7.—SCHOOL ATTENDANCE AND ILLITERACY  
CHAPTER 8.—DWELLINGS AND FAMILIES





## CHAPTER 1.

### NUMBER AND DISTRIBUTION OF INHABITANTS.

**Introduction.**—This chapter presents in condensed form the main results of the Thirteenth Census, which relate to the number of inhabitants, and their distribution over the territory of the United States.

The tables show the number of inhabitants enumerated in each state, county, and city or incorporated place of 2,500 inhabitants or more. For the states comparative figures are given back to the first census in 1790; for counties and cities the comparison is confined to 1910, 1900, and 1890.

In connection with the population of states and cities considerable attention is given to the increase of the population, especially in the last decade. A table is

also presented showing the population for apportionment purposes, which according to the Constitution excludes Indians who are not taxed.

The chapter shows further the distribution of the population between urban and rural communities, together with the growth of population in urban and rural territory. It also further distinguishes the urban population by different classes of communities grouped according to size. The importance of the suburbs of the larger cities is shown in the calculation of what are designated metropolitan districts, including the urban population residing within approximately 10 miles of the cities having over 200,000 inhabitants.

#### POPULATION OF THE UNITED STATES AND OF STATES AND TERRITORIES.

**Area of enumeration in 1910.**—The Thirteenth Census of the United States was taken by the Bureau of the Census as of April 15, 1910. The total area enumerated included the United States, the territories of Alaska and Hawaii, and Porto Rico. The enumeration also included persons stationed abroad in the military and naval service of the Government (including civilian employees, etc.), who were specially enumerated through the cooperation of the War and Navy Departments.

Table 1 gives the total population for the area enumerated in 1910. The corresponding census figures for 1900 are also given for purposes of comparison.

The rate of increase from 1900 to 1910 was 20.9 per cent for the total area of enumeration and 21 per cent for the United States. It should be noted that this table does not cover all the outlying possessions of the United States. Including the population of the Philippines and other possessions, the population living under the American flag is approximately as follows:

Population of the United States and possessions. 101, 100, 000	
Enumerated at the census of 1910.....	93, 402, 151
Philippine Islands, 1903.....	7, 635, 426
Guam, estimated.....	9, 000
Samoa, estimated.....	6, 100
Panama Canal Zone, estimated.....	50, 000

Table 1 AREA.	1910	1900
Total area of enumeration.....	93, 402, 151	<sup>1</sup> 77, 256, 630
United States exclusive of outlying possessions.....	91, 972, 266	75, 994, 575
Outlying possessions enumerated.....	1, 429, 885	1, 262, 055
Alaska.....	64, 356	63, 592
Hawaii.....	191, 909	154, 001
Porto Rico.....	1, 118, 012	<sup>2</sup> 953, 243
Persons in military and naval service stationed abroad....	55, 608	91, 219

<sup>1</sup> Includes 953,243 persons enumerated in Porto Rico in 1890.

<sup>2</sup> According to the census of Porto Rico taken in 1899 under the direction of the War Department.

**United States.**—Unless otherwise expressly stated, the term "United States," wherever used, either in text or in tables throughout the abstract, means the United States exclusive of Alaska, Hawaii, Porto Rico, or any other outlying possessions. The term, in other words, is synonymous with the term "Continental United States," which has sometimes been used in other census reports. On account of the wide difference in conditions as between the United

States as thus defined and its outlying possessions, it has been deemed best in general not to include statistics for the latter in the same tables with statistics for the former.

The population of the United States in 1910 was 91,972,266. This represents an increase during the past decade of 15,977,691, or 21 per cent, over the population in 1900, which was 75,994,575. The rate of increase was slightly greater than from 1890 to 1900.



## ABSTRACT OF THE CENSUS—POPULATION.

The table following shows the population of the United States as enumerated at each census from 1790 to 1910, inclusive, together with the increase and per

cent of increase during each decade, and also adjusted percentages of increase explained in the paragraphs below:

Table 2 CENSUS YEAR.	Population of the United States.	INCREASE OVER PRECEDING CENSUS.		Adjusted percentages of increase.
		Number.	Per cent.	
1910.....	91,972,266	15,977,691	21.0	21.0
1900.....	75,994,575	13,046,861	20.7	20.7
1890.....	62,947,714	12,791,931	25.5	24.9
1880.....	50,155,783	11,597,412	30.1	26.0
1870.....	38,558,371	7,115,050	22.6	26.6
1860.....	31,443,321	8,251,445	35.6	35.6
1850.....	23,191,876	6,122,423	35.9	35.9
1840.....	17,069,453	4,203,433	32.7	32.7
1830.....	12,866,020	3,227,567	33.5	33.5
1820.....	9,638,453	2,398,572	33.1	33.1
1810.....	7,239,881	1,931,398	36.4	36.4
1800.....	5,308,483	1,379,269	35.1	35.1
1790.....	3,929,214			

In considering the changes in population as reported by the census it is to be noted that Indians and other persons in Indian Territory and on Indian reservations were enumerated for the first time in 1890, so that the figures for that census are not strictly comparable with those for 1880 and preceding censuses. To show correctly the rate of increase of population from 1880 to 1890 it is necessary to eliminate 325,464 Indians and other persons from the figures for 1890, which leaves a population of 62,622,250. This figure shows an increase over 1880 of 12,466,467, or 24.9 per cent.

The evidence is clear that there was a marked deficiency in the enumeration of the population in the Southern states in 1870, resulting in an understatement of the increase from 1860 to 1870 and an overstatement of the increase from 1870 to 1880. There is no means of ascertaining accurately the extent of the deficiency, but an approximate estimate of the true population in 1870 was made in the census report of 1890 (Population, Part I, pp. xi, xii, and xvi) by which the population in 1870 was placed at 39,818,449 instead of 38,558,371. Using this figure the increase of 1870 over 1860 would be 8,375,128, or 26.6 per cent, and the increase of 1880 over 1870, 10,337,334, or 26 per cent.

Summarizing, it may be said that the population of the United States showed approximately an increase of one-third during each of the seven decades from 1790 to 1860; of one-fourth during each of the three decades from 1860 to 1890; and of one-fifth during each of the last two decades, 1890 to 1900 and 1900 to 1910.

**Divisions and states.**—The population of the United States by divisions and states, with their rank according to population, at each Federal census from 1790 to 1910, inclusive, is shown in Table 5, on pages 24 and 25. This table shows, in addition to the population of the United States proper, that of Alaska,

Hawaii, and Porto Rico, and the number of persons in the military and naval service stationed abroad.

The following table shows the per cent of the total population of the United States in each geographic division at the censuses of 1910, 1900, 1890, and 1850, the latter being added as representing conditions shown by the first census taken after the last of the important accessions to the territory of the United States had taken place.

Table 3 DIVISION.	PER CENT OF TOTAL.			
	1910	1900	1890	1850
United States.....	100.0	100.0	100.0	100.0
New England.....	7.1	7.4	7.5	11.8
Middle Atlantic.....	21.0	20.3	20.2	25.4
East North Central.....	19.8	21.0	21.4	19.5
West North Central.....	12.7	13.6	14.2	3.8
South Atlantic.....	13.3	13.7	14.1	20.2
East South Central.....	9.1	9.9	10.2	14.5
West South Central.....	9.6	8.6	7.5	4.1
Mountain.....	2.9	2.2	1.9	0.3
Pacific.....	4.6	3.2	3.0	0.5

The growth of the population of the United States by divisions and states in the last 20 years is shown in Table 4. The accompanying map shows the per cent of increase of the population in each of the states during the last decade, different rates of increase being indicated by differences in shading.

The table and map show that there were 11 states in which population increased more than 50 per cent between 1900 and 1910, as follows: Washington, Oklahoma, Idaho, Nevada, North Dakota, New Mexico, Arizona, Oregon, California, Wyoming, and Montana. Four divisions—the Pacific, Mountain, West South Central, and Middle Atlantic—increased in each of the last two decades more rapidly than the country as a whole. With one exception (the West South Central) these divisions with a high rate of increase from 1890 to 1900 grew still faster from 1900 to 1910, and divisions with a relatively low rate of growth in the former decade grew still more slowly in the latter decade.



# NUMBER AND DISTRIBUTION OF INHABITANTS.

23

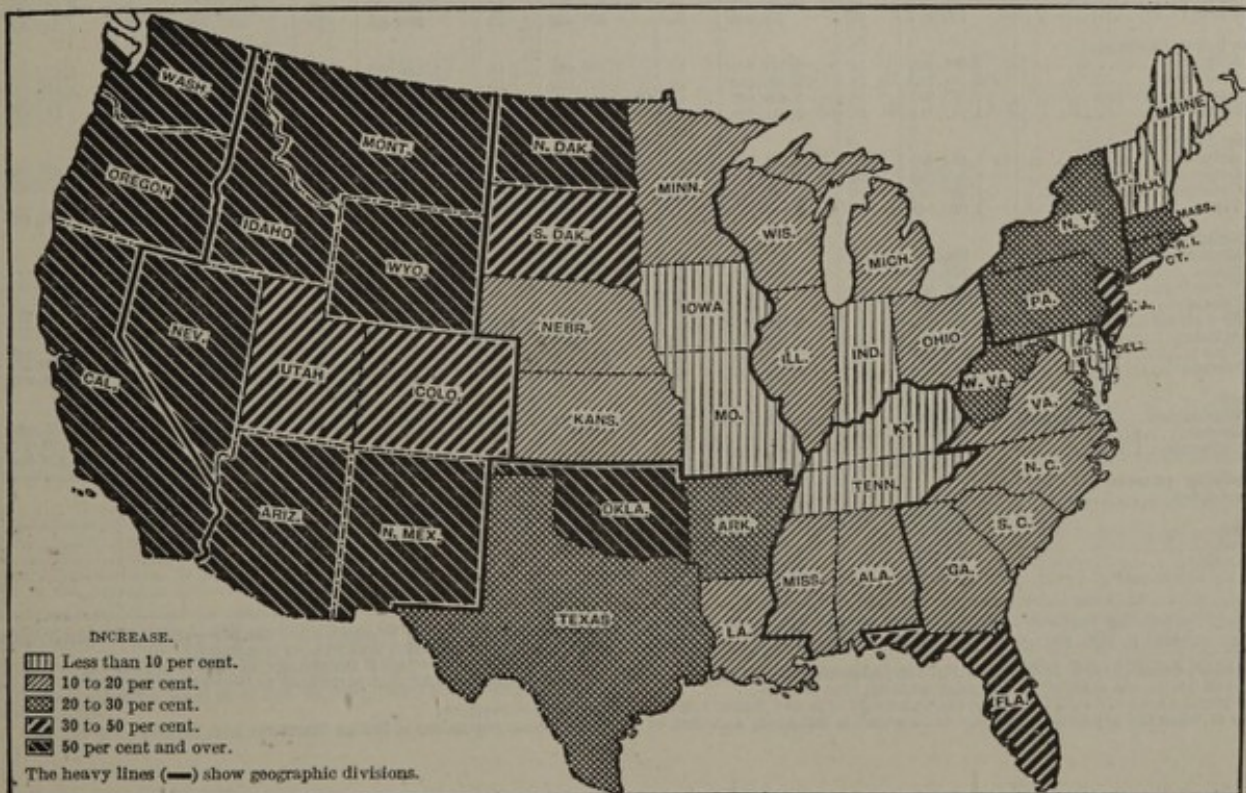
## INCREASE IN TOTAL POPULATION, BY DIVISIONS AND STATES: 1890-1910.

Table 4 DIVISION AND STATE.	INCREASE: <sup>1</sup> 1900-1910		INCREASE: <sup>1</sup> 1890-1900		DIVISION AND STATE.	INCREASE: <sup>1</sup> 1900-1910		INCREASE: <sup>1</sup> 1890-1900	
	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.
United States.....	15,977,691	21.0	13,046,861	20.7					
<b>GEOGRAPHIC DIVISIONS:</b>					<b>SOUTH ATLANTIC:</b>				
New England.....	960,664	17.2	891,268	19.0	Delaware.....	17,587	9.5	16,242	9.6
Middle Atlantic.....	3,861,214	25.0	2,748,458	21.6	Maryland.....	107,302	9.0	145,654	14.0
East North Central.....	2,265,040	14.2	2,507,276	18.6	District of Columbia.....	52,351	18.8	48,326	21.0
West North Central.....	1,290,498	12.5	1,415,311	15.8	Virginia.....	207,428	11.2	198,204	12.0
South Atlantic.....	1,751,415	16.8	1,585,558	17.9	West Virginia.....	262,319	27.4	196,006	25.7
East South Central.....	862,144	11.4	1,118,603	17.4	North Carolina.....	312,477	16.5	275,861	17.1
West South Central.....	2,252,244	34.5	1,791,307	37.8	South Carolina.....	175,084	13.1	189,167	16.4
Mountain.....	938,800	57.3	460,722	38.0	Georgia.....	392,790	17.7	378,978	20.6
Pacific.....	1,775,612	73.5	528,358	28.0	Florida.....	224,077	42.4	137,120	35.0
<b>NEW ENGLAND:</b>					<b>EAST SOUTH CENTRAL:</b>				
Maine.....	47,905	6.9	33,380	5.0	Kentucky.....	142,731	6.6	288,539	15.5
New Hampshire.....	18,984	4.6	35,058	9.3	Tennessee.....	164,173	8.1	253,098	14.3
Vermont.....	12,315	3.6	11,219	3.4	Alabama.....	309,396	16.9	315,296	20.8
Massachusetts.....	561,070	20.0	566,399	25.3	Mississippi.....	245,844	15.8	261,670	20.3
Rhode Island.....	114,054	26.6	83,050	24.0					
Connecticut.....	206,336	22.7	162,162	21.7	<b>WEST SOUTH CENTRAL:</b>				
<b>MIDDLE ATLANTIC:</b>					Arkansas.....	262,885	20.0	183,353	16.3
New York.....	1,844,720	25.4	1,265,720	21.1	Louisiana.....	274,763	19.9	263,037	23.5
New Jersey.....	653,498	34.7	438,736	30.4	Oklahoma <sup>2</sup> .....	866,764	109.7	531,734	205.6
Pennsylvania.....	1,362,996	21.6	1,044,002	19.9	Texas.....	847,832	27.8	813,183	36.4
<b>EAST NORTH CENTRAL:</b>					<b>MOUNTAIN:</b>				
Ohio.....	609,576	14.7	485,216	13.2	Montana.....	132,724	54.5	100,405	70.3
Indiana.....	184,414	7.3	324,058	14.8	Idaho.....	163,822	101.3	73,224	82.7
Illinois.....	817,041	16.9	995,198	26.0	Wyoming.....	53,434	57.7	29,976	47.9
Michigan.....	389,191	16.1	327,092	15.6	Colorado.....	259,324	48.0	126,451	30.6
Wisconsin.....	264,818	12.8	375,712	22.2	New Mexico.....	131,991	67.6	35,028	21.9
<b>WEST NORTH CENTRAL:</b>					Arizona.....	81,423	66.2	34,688	39.3
Minnesota.....	324,314	18.5	441,111	33.7	Utah.....	96,602	34.9	65,970	31.3
Iowa.....	-7,082	-0.3	319,556	16.7	Nevada.....	39,540	93.4	-5,020	-10.6
Missouri.....	186,670	6.0	427,480	16.0	<b>PACIFIC:</b>				
North Dakota.....	257,910	80.8	128,163	67.1	Washington.....	623,887	120.4	160,871	45.0
South Dakota.....	182,318	45.4	52,970	15.2	Oregon.....	259,229	62.7	95,832	30.2
Nebraska.....	125,914	11.8	3,644	0.3	California.....	892,496	60.1	271,655	22.4
Kansas.....	220,454	15.0	42,387	3.0					

<sup>1</sup>A minus sign (-) denotes decrease.

<sup>2</sup>Includes population of Indian Territory for 1890 and 1900.

## PER CENT OF INCREASE IN TOTAL POPULATION, BY STATES: 1900-1910.





## ABSTRACT OF THE CENSUS—POPULATION.

## POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, AND OF SPECIFIED

Table 5 <sup>a</sup>		1910		1900		1890 <sup>1</sup>		1880		1870		1860	
DIVISION AND STATE.		Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.
1	United States, excluding outlying possessions.....	91,972,266	.....	75,994,575	.....	62,047,714	.....	50,155,783	.....	38,558,371	.....	31,443,321	.....
GEOGRAPHIC DIVISIONS:													
2	New England.....	6,552,681	VII	5,592,017	VII	4,700,749	VII	4,010,529	VI	3,487,924	VI	3,135,283	V
3	Middle Atlantic.....	19,315,892	I	15,454,678	II	12,706,220	II	10,496,878	II	8,810,806	II	7,458,985	I
4	East North Central.....	18,250,621	II	15,985,581	I	13,478,305	I	11,206,668	I	9,124,517	I	8,926,884	II
5	West North Central.....	11,637,921	IV	10,347,423	IV	8,932,112	III	6,157,443	IV	3,856,594	V	2,160,832	VI
6	South Atlantic.....	12,194,895	III	10,443,480	III	8,857,922	IV	7,597,197	III	5,853,610	III	5,304,703	III
7	East South Central.....	8,409,901	VI	7,547,737	V	6,429,154	V	5,585,151	V	4,404,445	IV	4,020,991	IV
8	West South Central.....	8,784,534	V	6,532,290	VI	4,740,983	VI	3,334,220	VII	2,029,965	VII	1,747,667	VII
9	Mountain.....	2,633,517	IX	1,674,657	IX	1,213,935	IX	653,119	IX	315,385	IX	174,923	IX
10	Pacific.....	4,192,304	VIII	2,416,692	VIII	1,888,334	VIII	1,114,578	VIII	675,125	VIII	444,053	VIII
NEW ENGLAND:													
11	Maine.....	742,371	34	694,466	31	661,086	30	648,936	27	626,915	23	628,279	22
12	New Hampshire.....	430,572	39	411,588	37	376,530	33	346,991	31	318,300	31	326,073	27
13	Vermont.....	355,956	42	343,641	39	332,422	37	332,286	32	330,551	30	315,098	28
14	Massachusetts.....	3,366,416	6	2,805,346	7	2,238,947	6	1,783,085	7	1,457,351	7	1,231,066	7
15	Rhode Island.....	542,610	38	428,536	35	345,506	36	276,531	33	217,353	32	174,620	29
16	Connecticut.....	1,114,756	31	908,420	29	746,258	29	622,700	28	537,454	25	460,147	24
MIDDLE ATLANTIC:													
17	New York.....	9,113,614	1	7,268,894	1	6,003,174	1	5,082,871	1	4,382,759	1	3,880,735	1
18	New Jersey.....	2,537,167	11	1,883,669	16	1,444,933	15	1,131,116	19	906,096	17	672,035	21
19	Pennsylvania.....	7,665,111	2	6,302,115	2	5,258,113	2	4,282,891	2	3,521,951	2	2,906,215	2
EAST NORTH CENTRAL:													
20	Ohio.....	4,767,121	4	4,157,545	4	3,672,329	4	3,198,062	3	2,665,260	3	2,339,511	3
21	Indiana.....	2,700,876	9	2,516,462	8	2,192,404	8	1,978,301	6	1,680,637	6	1,350,428	6
22	Illinois.....	5,638,591	3	4,821,550	3	3,826,352	3	3,077,871	4	2,539,891	4	1,711,951	4
23	Michigan.....	2,810,173	8	2,420,982	9	2,093,890	9	1,636,937	9	1,184,059	13	749,113	16
24	Wisconsin.....	2,333,860	13	2,069,042	13	1,693,330	14	1,315,497	16	1,054,670	15	775,881	15
WEST NORTH CENTRAL:													
25	Minnesota.....	2,075,708	19	1,751,394	19	1,310,283	20	780,773	26	439,705	28	172,023	30
26	Iowa.....	2,224,771	15	2,231,833	10	1,912,297	10	1,624,615	10	1,194,020	11	674,913	20
27	Missouri.....	3,293,335	7	3,106,665	5	2,679,185	5	2,168,380	5	1,721,295	5	1,182,012	8
28	North Dakota.....	577,056	37	319,146	40	190,983	42	135,177	40	114,181	45	8,837	42
29	South Dakota.....	583,888	36	401,570	38	348,600	35	452,402	30	122,993	36	28,841	39
30	Nebraska.....	1,192,214	29	1,066,300	27	1,062,656	26	996,096	20	364,399	29	107,206	33
31	Kansas.....	1,090,949	22	1,470,495	22	1,428,168	19	996,096	20	364,399	29	107,206	33
SOUTH ATLANTIC:													
32	Delaware.....	202,322	47	184,735	45	168,493	43	146,608	38	125,015	35	112,216	32
33	Maryland.....	1,295,346	27	1,188,044	26	1,042,390	27	934,943	23	780,894	20	687,049	19
34	District of Columbia.....	331,069	43	278,718	41	230,392	40	177,624	36	131,700	34	75,080	35
35	Virginia.....	2,061,612	20	1,854,184	17	1,655,980	15	1,512,565	14	1,225,163	10	1,596,318	5
36	West Virginia.....	1,221,119	28	938,800	28	762,794	28	618,467	29	442,014	27	.....	.....
37	North Carolina.....	2,206,287	16	1,893,810	15	1,617,949	16	1,399,750	15	1,071,361	14	992,622	12
38	South Carolina.....	1,515,400	26	1,340,316	24	1,151,149	23	995,577	21	705,606	22	703,708	18
39	Georgia.....	2,609,121	10	2,216,331	11	1,837,353	12	1,542,180	13	1,184,109	12	1,057,286	11
40	Florida.....	752,619	33	528,542	33	391,422	32	269,493	34	187,748	33	140,424	31
EAST SOUTH CENTRAL:													
41	Kentucky.....	2,289,905	14	2,147,174	12	1,838,635	11	1,648,690	8	1,321,011	8	1,155,684	9
42	Tennessee.....	2,184,789	17	2,020,616	14	1,767,518	13	1,542,359	12	1,258,520	9	1,109,801	10
43	Alabama.....	2,138,093	18	1,828,697	18	1,613,401	17	1,262,505	17	996,992	16	964,201	13
44	Mississippi.....	1,797,114	21	1,551,270	20	1,289,600	21	1,131,597	18	827,922	18	791,305	14
WEST SOUTH CENTRAL:													
45	Arkansas.....	1,574,440	25	1,311,564	25	1,128,211	24	802,525	25	484,471	26	435,450	25
46	Louisiana.....	1,656,388	24	1,381,625	23	1,118,588	25	989,946	22	726,915	21	708,002	17
47	Oklahoma.....	1,657,155	23	1,790,391	20	1,238,657	23	.....	.....	.....	.....	.....	.....
48	Texas.....	3,896,542	5	3,048,710	6	2,235,527	7	1,591,749	11	818,579	19	604,215	23
MOUNTAIN:													
49	Montana.....	376,053	40	243,329	43	142,924	45	39,159	45	20,595	43	.....	.....
50	Idaho.....	325,594	45	161,772	46	88,548	46	32,610	46	14,999	44	.....	.....
51	Wyoming.....	145,965	48	92,531	48	62,555	48	20,789	47	9,118	47	.....	.....
52	Colorado.....	799,024	32	539,700	32	413,249	31	194,327	35	39,864	41	34,277	38
53	New Mexico.....	327,301	44	195,310	44	160,282	44	119,565	41	91,874	47	93,516	34
54	Arizona.....	204,354	46	122,931	47	88,243	47	40,440	44	9,658	46	.....	.....
55	Utah.....	373,351	41	276,749	42	210,779	41	143,963	39	80,786	39	40,273	37
56	Nevada.....	81,875	49	42,335	49	47,355	49	62,266	43	42,491	40	6,857	41
PACIFIC:													
57	Washington.....	1,141,990	30	518,103	34	357,232	34	75,116	42	23,955	42	11,594	40
58	Oregon.....	672,765	35	413,536	36	317,704	38	174,768	37	90,923	38	52,465	36
59	California.....	2,377,549	12	1,485,053	21	1,213,398	22	804,694	24	560,247	24	379,994	26
60	Outlying possessions enumerated.....	1,439,835	.....	1,262,055	.....	122,042	.....	33,426	.....	.....	.....	.....	.....
61	Alaska.....	64,356	.....	63,592	.....	32,052	.....	33,426	.....	.....	.....	.....	.....
62	Hawaii.....	191,909	.....	154,001	.....	89,990	.....	.....	.....	.....	.....	.....	.....
63	Porto Rico.....	1,118,012	.....	1,053,243	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Military and naval <sup>2</sup> .....	55,608	.....	91,219	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Includes population (325,464) of Indian Territory and Indian reservations specially enumerated in 1890, but not included in the general report on population in 1890.

<sup>2</sup> Includes persons (6,100 in 1840 and 5,318 in 1850) on public ships in the service of the United States, not credited to any geographic division or state.

<sup>3</sup> For 1890 the rank of South Dakota advances from 37 to 35 and that of Arizona from 48 to 47, when the population specially enumerated is included; and that of

Oklahoma advances from 46 to 39, when the population of Indian Territory and Indian reservations specially enumerated is included.

<sup>4</sup> Population for that part of Dakota territory taken to form North Dakota: 1880, 36,909; 1870, 2,405; and for that part taken to form South Dakota: 1880, 98,338; 1870, 11,776.

<sup>5</sup> Dakota territory.

<sup>6</sup> Includes population of Indian Territory: 1900, 392,060; 1890, 180,182.



# NUMBER AND DISTRIBUTION OF INHABITANTS.

25

OUTLYING POSSESSIONS, WITH RANK ACCORDING TO POPULATION: 1790-1910.

	1850		1840		1830		1820		1810		1800		1790	
	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.
1	23,191,876		17,069,453		12,866,020		9,638,453		7,239,881		5,308,483		3,929,214	
2	2,728,116	V	2,234,822	V	1,954,717	III	1,660,071	III	1,471,973	III	1,233,011	III	1,009,408	II
3	5,898,735	I	4,526,260	I	3,587,664	II	2,699,845	II	2,014,702	II	1,402,565	II	988,632	III
4	4,523,260	III	2,924,728	III	1,470,018	V	792,719	V	272,324	V	51,006	V		
5	880,335	VII	426,814	VII	140,455	VII	66,586	VII	19,783	VII				
6	4,679,090	II	3,925,299	II	3,645,752	I	3,061,063	I	2,674,891	I	2,286,494	I	1,851,806	I
7	3,363,271	IV	2,575,445	IV	1,815,969	IV	1,190,489	IV	708,590	IV	335,407	IV	109,368	IV
8	940,251	VI	449,985	VI	246,127	VI	167,680	VI	77,618	VI				
9	72,927	IX												
10	103,891	VIII												
11	583,109	16	501,793	13	399,455	12	298,335	12	228,705	14	151,719	14	96,540	11
12	317,976	22	284,574	22	269,328	18	244,161	15	214,460	16	183,858	11	141,885	10
13	314,120	23	291,948	21	280,652	17	235,981	16	217,895	15	154,465	13	85,425	12
14	994,514	6	737,699	8	610,408	8	523,287	7	472,040	5	422,845	5	378,787	4
15	147,545	28	108,830	24	97,199	23	83,059	20	76,931	17	69,122	16	68,825	15
16	370,792	21	309,978	20	297,675	16	275,248	14	261,942	9	251,002	8	237,946	8
17	3,067,394	1	2,428,921	1	1,918,608	1	1,372,812	1	959,040	2	589,051	3	340,130	5
18	489,555	19	373,306	18	320,823	14	277,575	13	245,562	12	211,149	10	184,139	9
19	2,311,786	2	1,724,033	2	1,348,233	2	1,049,458	3	810,091	3	602,365	2	434,373	2
20	1,980,329	3	1,519,467	3	937,903	4	581,434	5	230,760	13	45,365	18		
21	988,416	7	685,866	10	343,031	13	147,178	18	24,520	21	5,641	21		
22	851,470	11	476,183	14	157,445	20	55,211	24	12,282	24				
23	397,654	20	212,267	23	31,639	27	8,896	27	4,762	25				
24	305,391	24	30,945	30										
25	6,077	36												
26	192,214	27	43,112	29										
27	682,044	13	383,702	16	140,455	21	66,586	23	19,783	23				
28														
29														
30														
31														
32	91,532	30	78,085	26	76,748	24	72,749	22	72,674	19	64,273	17	59,096	16
33	583,034	17	470,019	15	447,040	11	407,350	10	380,546	8	341,548	7	319,728	6
34	51,687	33	43,712	28	39,834	25	33,039	25	24,023	22	14,093	19		
35	1,421,661	4	1,239,797	4	1,211,405	3	1,065,366	2	974,600	1	880,200	1	747,610	1
36														
37	899,039	10	753,419	7	737,987	5	638,820	4	555,500	4	478,103	4	393,751	3
38	698,507	14	594,398	11	581,185	9	502,741	8	415,115	6	345,591	6	249,073	7
39	906,185	9	691,392	9	516,823	10	340,989	11	252,433	11	162,686	12	82,548	13
40	87,445	31	54,477	27	34,730	26								
41	982,405	8	779,828	6	687,917	6	564,317	6	406,511	7	220,955	9	73,677	14
42	1,002,717	5	829,210	5	681,904	7	422,823	9	261,727	10	105,602	15	35,691	17
43	771,623	12	590,756	12	309,527	15	127,901	19						
44	606,526	15	375,651	17	136,621	22	75,448	21	40,352	20	8,850	20		
45	209,897	26	97,574	25	30,388	28	14,273	26	1,062	26				
46	517,762	18	352,411	19	215,739	19	153,407	17	76,556	18				
47														
48	212,592	25												
49														
50														
51														
52														
53	61,547	32												
54														
55	11,380	35												
56														
57														
58	13,294	34												
59	92,597	29												
60														
61														
62														
63														
64														

<sup>7</sup> The territory of Oklahoma in 1900 ranked 38 and Indian Territory 39. The rank for 1900 includes the population of Indian Territory with that of Oklahoma.

<sup>8</sup> Alaska was specially enumerated under the law, but the population was not included in the general report on population in 1880.

<sup>9</sup> According to the census taken as of Dec. 28, 1890, under the direction of the Hawaiian Government.

<sup>10</sup> According to the census of Porto Rico taken in 1899 under the direction of the War Department.

<sup>11</sup> Persons in the military and naval service of the United States (including civilian employees, etc.) stationed abroad, not credited to any state or territory.



**Apportionment of representation.**—Table 6 gives for 1910 the population of each state, exclusive of Indians not taxed, who, according to the Constitution, are not to be included in the population forming the basis of the apportionment of representatives among the several states. The population of Arizona and New Mexico is not included in the main table but is added as an appendix. These territories had not yet become states when the apportionment act of 1911 was passed, though provision for their representation was made in the act. Now that they have been admitted as states the total apportionment population of the states, exclusive of Indians not taxed, and not counting the District of Columbia, is 91,569,325.

As the count of population is made primarily for the purpose of fixing the membership of the House of Representatives, under the provisions of section 2 of Article I of the Constitution, as modified by section 2 of Article XIV of the Amendments, a statement is given in Table 7 of the number of Representatives assigned to each of the states by the Constitution in 1789 and by the several apportionment acts from the formation of the Government to the present time. The dates of the apportionment acts and the ratio of

population to each representative under said acts are also given on page 27.

The membership of the House of Representatives was originally fixed at 65, under the provisions of section 2 of Article I of the Constitution.

The apportionments of Representatives in Congress, under the first six censuses—1790 to 1840, inclusive—were made by Congress, each by a separate act.

The law for taking the census of 1850 (act of May 23, 1850, 9 Stat. L., 428), which was intended to be permanent, presented a rule of apportionment, fixed the number of members of the House at 233, and directed the Secretary of the Interior thereafter to make the apportionment. The apportionment under the census of 1860 was also made under this law, but Congress, on March 4, 1862, fixed the total number of members at 241, and the Secretary of the Interior apportioned the new quotas to the states.

The apportionments from and after the census of 1870 were made by Congress, each by a separate act; hence it may be assumed that the power conferred on the Secretary of the Interior by the act of May 23, 1850, was repealed by implication.

## POPULATION FOR APPORTIONMENT PURPOSES: 1910.

Table 6	STATE.	Total population: 1910	Indians not taxed: 1910	Population basis of apportionment.	STATE.	Total population: 1910	Indians not taxed: 1910	Population basis of apportionment.
Alabama.....		2,138,093		2,138,093	New York.....	9,113,614	4,680	9,108,934
Arkansas.....		1,574,449		1,574,449	North Carolina.....	2,206,287		2,206,287
California.....		2,377,549	988	2,376,561	North Dakota.....	577,056	2,653	574,403
Colorado.....		799,024	452	798,572	Ohio.....	4,767,121		4,767,121
Connecticut.....		1,114,756		1,114,756	Oklahoma.....	1,657,155		1,657,155
Delaware.....		202,322		202,322	Oregon.....	672,765		672,765
Florida.....		752,619		752,619	Pennsylvania.....	7,665,111		7,665,111
Georgia.....		2,609,121		2,609,121	Rhode Island.....	542,610		542,610
Idaho.....		325,694	2,154	323,440	South Carolina.....	1,515,400		1,515,400
Illinois.....		5,638,591		5,638,591	South Dakota.....	583,888	8,212	575,676
Indiana.....		2,700,876		2,700,876	Tennessee.....	2,184,789		2,184,789
Iowa.....		2,224,771		2,224,771	Texas.....	3,896,542		3,896,542
Kansas.....		1,690,949		1,690,949	Utah.....	373,351	1,487	371,864
Kentucky.....		2,289,905		2,289,905	Vermont.....	355,956		355,956
Louisiana.....		1,656,388		1,656,388	Virginia.....	2,061,612		2,061,612
Maine.....		742,371		742,371	Washington.....	1,141,990	1,856	1,140,134
Maryland.....		1,295,346		1,295,346	West Virginia.....	1,221,119		1,221,119
Massachusetts.....		3,366,416		3,366,416	Wisconsin.....	2,333,860	1,007	2,332,853
Michigan.....		2,810,173		2,810,173	Wyoming.....	145,965	1,307	144,658
Minnesota.....		2,075,708	1,332	2,074,376	Total for 46 states.....	91,109,542	37,425	91,072,117
Mississippi.....		1,797,114		1,797,114	Arizona.....	204,354	24,129	180,225
Missouri.....		3,293,335		3,293,335	New Mexico.....	327,301	10,318	316,983
Montana.....		376,053	9,715	366,338	Total, including Arizona and New Mexico.....	91,641,197	71,872	91,569,325
Nebraska.....		1,192,214		1,192,214	Mexico.....	331,069		
Nevada.....		81,875	1,582	80,293	District of Columbia.....			
New Hampshire.....		430,572		430,572	Total for the United States.....	91,972,266		
New Jersey.....		2,537,167		2,537,167				



# NUMBER AND DISTRIBUTION OF INHABITANTS.

27

## NUMBER OF MEMBERS IN THE HOUSE OF REPRESENTATIVES UNDER EACH APPORTIONMENT: 1789-1910.

Table 7	STATE.	1910	1900	1890	1880	1870 <sup>1</sup>	1860 <sup>2</sup>	1850 <sup>3</sup>	1840	1830	1820	1810	1800	1790	1789
	Total under apportionment act.....	435	386	356	325	292	241	234	223	240	213	181	141	105	65
	Assigned to new states after apportionment act.....		5	1	7	1	2	3	9	2		5	1	1	
	Alabama.....	10	9	9	8	8	6	7	7	5	3	*1			
	Arizona.....	*1													
	Arkansas.....	7	7	6	5	4	3	2	1						
	California.....	11	8	7	6	4	3	2	*2	*1					
	Colorado.....	4	3	2	1	*1									
	Connecticut.....	5	5	4	4	4	4	4	4	6	6	7	7	7	5
	Delaware.....	1	1	1	1	1	1	1	1	1	1	2	1	1	1
	Florida.....	4	3	2	2	2	1	1	*1						
	Georgia.....	12	11	11	10	9	7	8	8	9	7	6	4	2	3
	Idaho.....	2	1	1	*1										
	Illinois.....	27	25	22	20	19	14	9	7	3	1	*1			
	Indiana.....	13	13	13	13	13	11	11	10	7	3	*1			
	Iowa.....	11	11	11	11	9	6	2	*2						
	Kansas.....	8	8	8	7	3	1								
	Kentucky.....	11	11	11	11	10	9	10	10	13	12	10	6	2	
	Louisiana.....	8	7	6	6	6	5	4	4	3	3	*1			
	Maine.....	4	4	4	4	5	5	6	7	8	7	*7			
	Maryland.....	6	6	6	6	6	5	6	6	8	9	9	9	8	6
	Massachusetts.....	16	14	13	12	11	10	11	10	12	13	13	17	14	8
	Michigan.....	13	12	12	11	9	6	4	3	*1					
	Minnesota.....	10	9	7	5	3	2	*2							
	Mississippi.....	8	8	7	7	6	5	5							
	Missouri.....	16	16	15	14	13	9	7	4	2	1	*1			
	Montana.....	2	1	1	*1										
	Nebraska.....	6	6	6	3	1	*1								
	Nevada.....	1	1	1	1	1	*1								
	New Hampshire.....	2	2	2	2	3	3	3	4	5	6	6	5	4	3
	New Jersey.....	12	10	8	7	7	5	5	5	6	6	6	6	5	4
	New Mexico.....	*1													
	New York.....	43	37	34	34	33	31	33	34	40	34	27	17	10	6
	North Carolina.....	10	10	9	9	8	7	8	9	13	13	13	12	10	5
	North Dakota.....	3	2	1	*1										
	Ohio.....	22	21	21	21	20	19	21	21	19	14	6	*1		
	Oklahoma.....	8	*5												
	Oregon.....	3	2	2	1	1	1	*1							
	Pennsylvania.....	36	32	30	28	27	24	25	24	28	26	23	18	13	8
	Rhode Island.....	3	2	2	2	2	2	2	2	2	2	2	2	2	1
	South Carolina.....	7	7	7	7	5	4	6	7	9	9	9	8	6	5
	South Dakota.....	3	2	2	*2										
	Tennessee.....	10	10	10	10	10	8	10	11	13	9	6	3	*1	
	Texas.....	18	16	13	11	6	4	2	*2						
	Utah.....	2	1	*1											
	Vermont.....	2	2	2	2	3	3	3	4	5	5	6	4	2	
	Virginia.....	10	10	10	10	9	11	13	15	21	22	23	22	19	10
	Washington.....	5	3	2	*1										
	West Virginia.....	6	5	4	4	3									
	Wisconsin.....	11	11	10	9	8	6	3	*2						
	Wyoming.....	1	1	1	*1										

<sup>1</sup> Membership originally fixed at 283, but increased by act of May 30, 1872, to 292 (17 Stat. L., 192).

<sup>2</sup> Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L., 353).

<sup>3</sup> Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L., 25).

<sup>4</sup> Assigned after apportionment.

<sup>5</sup> Included in apportionment act in anticipation of becoming a state.

<sup>6</sup> Included in the 20 members originally assigned to Massachusetts, but credited to Maine, after its admission as a state, Mar. 15, 1820 (3 Stat. L., 555).

## DATES OF APPORTIONMENT ACTS AND RATIO OF POPULATION TO EACH REPRESENTATIVE.

CENSUS.	Date of apportionment act.	Ratio.	CENSUS.	Date of apportionment act.	Ratio.
1910.....	Aug. 8, 1911 (37 Stat. L., 13).....	211,877	1840.....	June 25, 1842 (5 Stat. L., 491).....	70,680
1900.....	Jan. 16, 1901 (31 Stat. L., 733).....	194,182	1830.....	May 22, 1832 (4 Stat. L., 516).....	47,700
1890.....	Feb. 7, 1891 (26 Stat. L., 735).....	173,901	1820.....	Mar. 7, 1822 (3 Stat. L., 651).....	40,000
1880.....	Feb. 25, 1882 (22 Stat. L., 5).....	151,911	1810.....	Dec. 21, 1811 (2 Stat. L., 669).....	35,000
1870.....	Feb. 2, 1872 (17 Stat. L., 28).....	131,425	1800.....	Jan. 14, 1802 (2 Stat. L., 128).....	33,000
1860.....	May 23, 1860 (9 Stat. L., 428-432).....	127,381	1790.....	Apr. 14, 1792 (1 Stat. L., 253).....	33,000
1850.....	May 23, 1850 (9 Stat. L., 428-432).....	93,423		Constitution, 1789.....	30,000



## AREA AND DENSITY OF POPULATION.

**Area.**—At the First Census, in 1790, the United States comprised substantially the territory between the Atlantic Ocean and the Mississippi River except Florida, representing a gross area (land and water surface) of 892,135 square miles. The United States, with its outlying possessions, now comprises a gross area of 3,743,306 square miles, or more than four times the area in 1790. The successive accessions of territory were as follows:

ACCESSION.	Gross area in square miles.	ACCESSION.	Gross area in square miles.
United States.....	3,026,789	Outlying possessions.....	716,517
Area of U. S. in 1790 <sup>1</sup> .....	892,135	Alaska, 1867.....	590,884
Louisiana Purchase, 1803.....	827,987	Hawaii, 1898.....	6,449
Florida, 1819.....	58,666	Philippine Islands, 1899.....	115,026
Territory gained through Treaty with Spain, 1819.....	13,435	Porto Rico, 1899.....	3,435
Texas, 1845.....	389,166	Guam, 1899.....	210
Oregon, 1846.....	286,541	Samoa, 1900.....	77
Mexican Cession, 1848.....	529,189	Panama Canal Zone, 1904.....	436
Gadsden Purchase, 1853.....	29,670		

<sup>1</sup> Includes the drainage basin of the Red River of the North, not a part of any acquisition, but previously considered a part of the Louisiana Purchase.

The area in 1910, by states, was as follows:

STATE.	Rank in gross area.	AREA IN SQUARE MILES.		
		Gross.	Land.	Water. <sup>1</sup>
United States.....		3,026,789	2,973,890	52,899
Texas.....	1	265,896	262,398	3,498
California.....	2	158,297	155,652	2,645
Montana.....	3	146,997	146,201	796
New Mexico.....	4	122,634	122,503	131
Arizona.....	5	113,956	113,810	146
Nevada.....	6	110,090	109,821	269
Colorado.....	7	103,948	103,658	290
Wyoming.....	8	97,914	97,594	320
Oregon.....	9	96,099	95,607	1,092
Utah.....	10	84,960	82,184	2,806
Minnesota.....	11	84,682	80,858	3,824
Idaho.....	12	83,888	83,354	534
Kansas.....	13	82,158	81,774	384
South Dakota.....	14	77,615	76,868	747
Nebraska.....	15	77,520	76,808	712
North Dakota.....	16	70,837	70,183	654
Oklahoma.....	17	70,057	69,414	643
Missouri.....	18	69,420	68,727	693
Washington.....	19	69,127	66,836	2,291
Georgia.....	20	59,265	58,725	540
Florida.....	21	58,666	54,861	3,805
Michigan.....	22	57,980	57,480	500
Illinois.....	23	56,665	56,043	622
Iowa.....	24	56,147	55,586	561
Wisconsin.....	25	56,066	55,256	810
Arkansas.....	26	53,335	52,525	810
North Carolina.....	27	52,426	48,740	3,686
Alabama.....	28	51,998	51,279	719
New York.....	29	49,204	47,654	1,550
Louisiana.....	30	48,506	45,409	3,097
Mississippi.....	31	46,865	46,362	503
Pennsylvania.....	32	45,126	44,832	294
Virginia.....	33	42,627	40,262	2,365
Tennessee.....	34	42,022	41,687	335
Ohio.....	35	41,040	40,740	300
Kentucky.....	36	40,598	40,181	417
Indiana.....	37	36,354	36,045	309
Maine.....	38	33,040	29,896	3,145
South Carolina.....	39	30,989	30,495	494
West Virginia.....	40	24,170	24,022	148
Maryland.....	41	12,327	9,941	2,386
Vermont.....	42	9,564	9,124	440
New Hampshire.....	43	9,341	9,031	310
Massachusetts.....	44	8,266	8,039	227
New Jersey.....	45	8,224	7,814	710
Connecticut.....	46	4,965	4,820	145
Delaware.....	47	2,370	1,965	405
Rhode Island.....	48	1,248	1,067	181
District of Columbia.....	49	70	60	10

<sup>1</sup> Does not include the water surface of the oceans, the Gulf of Mexico, or the Great Lakes, lying within the jurisdiction of the United States.

**Population per square mile.**—Table 10 shows, for the United States, the total population, land area in square miles, and population per square mile of land area, at each census since 1790.

CENSUS YEAR.	Population of the United States.	Land area in square miles.	Population per square mile.
1910.....	91,972,266	2,973,890	30.9
1900.....	75,994,575	2,974,159	25.6
1890.....	62,947,714	2,973,965	21.2
1880.....	50,155,783	2,973,965	16.9
1870.....	38,558,371	2,973,965	13.0
1860.....	31,443,321	2,973,965	10.6
1850.....	23,191,876	2,944,337	7.9
1840.....	17,069,453	1,753,588	9.7
1830.....	12,866,020	1,753,588	7.3
1820.....	9,638,453	1,753,588	5.5
1810.....	7,239,881	1,685,865	4.3
1800.....	5,308,453	867,980	6.1
1790.....	3,929,214	867,980	4.5

According to the census of 1910, there were in the United States, on the average, 30.9 inhabitants to each square mile of land area, or nearly seven times the number per square mile shown for the much smaller area of 1790, and nearly three times the number shown for 1860. The decrease in the average number of inhabitants per square mile at the censuses of 1810 and 1850 was due in each case to large accessions of thinly populated territory during the preceding decade.

The relative density of population of each state of the United States in 1910 is exhibited by the map on the opposite page, while Table 11 shows, for each geographic division and state, the population and land area in 1910 and the population per square mile at each of the last three censuses.

In the order of density of population the geographic divisions ranked as follows in 1910: Middle Atlantic, 193.2 inhabitants per square mile; New England, 105.7; East North Central, 74.3; East South Central, 46.8; South Atlantic, 45.3; West North Central, 22.8; West South Central, 20.4; Pacific, 13.2; Mountain, 3.1.

Aside from the District of Columbia there were 10 states in which there was in 1910 a population per square mile of more than 100. These states, in the order of density of population, are as follows: Rhode Island, Massachusetts, New Jersey, Connecticut, New York, Pennsylvania, Maryland, Ohio, Delaware, and Illinois.

There were 16 states which had, on the average, less than 18 inhabitants to the square mile. Eight of these states are in the Mountain division (comprising its entire area), 3 in the Pacific division (comprising its entire area), 3 in the West North Central division, 1 in the West South Central division, and 1 in the South Atlantic division.

Among the outlying possessions Alaska had an average density of only 0.1 per square mile; Hawaii, 29.8, about that of Arkansas; and Porto Rico, 325.5, or greater than that of any state of the United States except Rhode Island, Massachusetts, and New Jersey.



## 29

POPULATION PER SQUARE MILE.

[White box]	Less than 2
[Vertical lines box]	2 to 6
[Diagonal lines box]	6 to 18
[Cross-hatch box]	18 to 45
[Dense cross-hatch box]	45 to 90
[Very dense cross-hatch box]	90 and over.

The heavy lines (—) show geographic divisions.

DIVISION AND STATE.	Population: 1910	Land area in square miles: 1910	POPULATION PER SQUARE MILE.			DIVISION AND STATE.	Population: 1910	Land area in square miles: 1910	POPULATION PER SQUARE MILE.		
			1910	1900	1890				1910	1900	1890
United States.....	91,972,266	2,973,890	30.9	25.6	21.2						
<b>GEOGRAPHIC DIVISIONS:</b>						<b>SOUTH ATLANTIC:</b>					
New England.....	6,552,681	61,976	105.7	90.2	75.8	Delaware.....	202,322	1,965	103.0	94.0	85.7
Middle Atlantic.....	19,315,892	100,000	193.2	154.5	127.1	Maryland.....	1,295,346	9,941	130.3	119.5	104.9
East North Central.....	18,290,621	245,564	74.3	65.2	54.9	District of Columbia.....	331,069	60	5,517.8	4,645.3	3,972.3
West North Central.....	11,637,921	510,804	22.8	20.3	17.5	Virginia.....	2,061,612	40,292	51.2	46.1	41.1
South Atlantic.....	12,194,895	269,071	45.3	38.8	32.9	West Virginia.....	1,221,119	24,022	50.8	39.9	31.8
East South Central.....	8,409,901	179,509	46.8	42.0	35.8	North Carolina.....	2,206,287	48,740	45.3	38.9	33.2
West South Central.....	8,784,534	429,746	20.4	15.2	11.0	South Carolina.....	1,515,400	30,495	49.7	44.0	37.7
Mountain.....	2,633,517	859,125	3.1	1.9	1.4	Georgia.....	2,609,121	58,725	44.4	37.7	31.3
Pacific.....	4,192,304	318,095	13.2	7.6	5.9	Florida.....	752,619	54,861	13.7	9.6	7.1
<b>NEW ENGLAND:</b>						<b>EAST SOUTH CENTRAL:</b>					
Maine.....	742,371	29,895	24.8	23.2	22.1	Kentucky.....	2,289,905	40,181	57.0	53.4	46.3
New Hampshire.....	430,572	9,031	47.7	45.6	41.7	Tennessee.....	2,184,789	41,687	52.4	48.5	42.4
Vermont.....	355,956	9,124	39.0	37.7	36.4	Alabama.....	2,138,093	51,279	41.7	35.7	29.5
Massachusetts.....	3,366,416	8,039	418.8	349.0	278.5	Mississippi.....	1,797,114	46,362	38.8	33.5	27.8
Rhode Island.....	542,610	1,067	508.5	491.6	323.8	<b>WEST SOUTH CENTRAL:</b>					
Connecticut.....	1,114,756	4,820	231.3	188.5	154.8	Arkansas.....	1,574,449	52,525	30.0	25.0	21.5
<b>MIDDLE ATLANTIC:</b>						Louisiana.....	1,656,388	45,499	36.5	30.4	24.6
New York.....	9,113,614	47,654	191.2	152.5	126.0	Oklahoma.....	1,657,155	69,414	23.9	11.4	3.7
New Jersey.....	2,537,167	7,514	337.7	250.7	192.3	Texas.....	3,896,542	262,398	14.8	11.6	8.5
Pennsylvania.....	7,665,111	44,832	171.0	140.6	117.3	<b>MOUNTAIN:</b>					
<b>EAST NORTH CENTRAL:</b>						Montana.....	376,053	146,291	2.6	1.7	1.0
Ohio.....	4,767,121	40,740	117.0	102.1	90.1	Idaho.....	325,994	83,354	3.9	1.9	1.1
Indiana.....	2,700,876	36,045	74.9	70.1	61.1	Wyoming.....	145,965	97,994	1.5	0.9	0.6
Illinois.....	5,638,591	56,043	100.6	86.1	68.3	Colorado.....	799,024	103,658	7.7	5.2	4.0
Michigan.....	2,810,173	57,480	48.9	42.1	36.4	New Mexico.....	327,301	122,503	2.7	1.6	1.3
Wisconsin.....	2,333,869	55,266	42.2	37.4	30.6	Arizona.....	204,354	113,810	1.8	1.1	0.8
<b>WEST NORTH CENTRAL:</b>						Utah.....	373,351	82,184	4.5	3.4	2.6
Minnesota.....	2,075,708	80,858	25.7	21.7	16.2	Nevada.....	81,875	109,821	0.7	0.4	0.4
Iowa.....	2,224,771	55,586	40.0	40.2	34.4	<b>PACIFIC:</b>					
Missouri.....	3,293,335	68,727	47.9	45.2	39.0	Washington.....	1,141,990	66,836	17.1	7.8	5.3
North Dakota.....	577,056	70,183	8.2	4.5							

<sup>1</sup> Includes Indian Territory for 1900 and 1890.



## CENTER OF POPULATION.

On the basis of the Thirteenth Census returns the center of population and the median point for the United States have been determined for April 15, 1910. In these calculations no account is taken of the territory and population of Alaska and of other outlying possessions.

The center is often understood to be the point of intersection of a north and south line which divides the population equally, with an east and west line which likewise divides it equally. This point of intersection is, in a certain sense, a center of population; it is here, however, designated the median point to distinguish it from the point technically defined as the center.

The character of these two points may be made clear through a physical analogy. The center of population may be said to represent the center of gravity of the population. If the surface of the United States be considered as a rigid plane without weight, capable of sustaining the population distributed thereon, individuals being assumed to be of equal weight, and each, therefore, to exert a pressure on any supporting pivotal point directly proportional to his distance from the point, the pivotal point on which the plane balances would, of course, be its center of gravity; and this is the point referred to by the term "center of population," as used in this chapter. In determining the median point distance is not taken into account, and the location of the units of population is considered only in relation to the intersecting

median lines—as being north or south of the median parallel and east or west of the median meridian. Extensive changes in the geographic distribution of the population may take place without affecting the median point, whereas the center of population responds to the slightest population change in any section of the country.

At the Thirteenth Census the center of population was in the following position:

Latitude..... 39° 10' 12" N.  
Longitude..... 86° 32' 20" W.

This point is in southern Indiana, in the western part of Bloomington city, Monroe County.

During the last decade, 1900 to 1910, the center of population moved west 43' 26'', approximately 39 miles, while its northward movement was only 36'', or approximately seven-tenths of a mile. The westward movement from 1900 to 1910 was nearly three times as great as that from 1890 to 1900, but was less than that for any decade between 1840 and 1890.

The closeness with which the center of population throughout its westward movement has clung to the thirty-ninth parallel of latitude is remarkable. The total westward movement since 1790 is 557 miles.

The following table and the map on the opposite page show the location of the center of population and its proximity to important towns at each successive Federal census, and its westward advance during each decade since 1790:

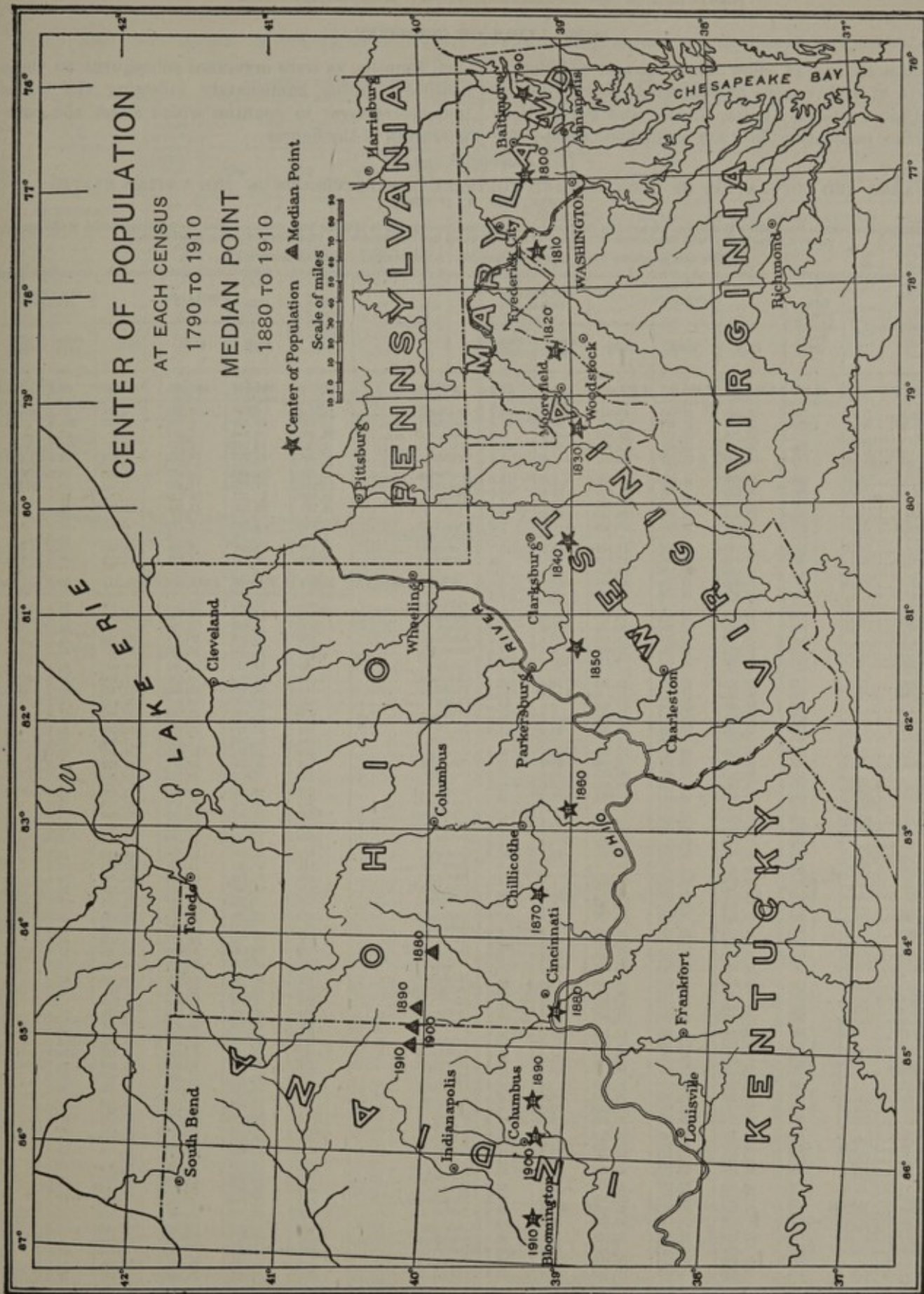
CENSUS YEAR.	LOCATION.		APPROXIMATE LOCATION BY IMPORTANT TOWNS.	MOVEMENT IN MILES DURING PRECEDING DECADE.			
	North latitude.	West longitude.		From point to point in direct line.	Westward.	Northward.	Southward.
1790.....	39 16 30	76 11 12	23 miles east of Baltimore, Md.....				
1800.....	39 16 6	76 56 30	18 miles west of Baltimore, Md.....	40.6	40.6		0.5
1810.....	39 11 30	77 37 12	40 miles northwest by west of Washington, D. C..	36.9	36.5		5.3
1820.....	39 5 42	78 33 0	16 miles north of Woodstock, Va.....	50.5	50.1		6.7
1830.....	38 57 54	79 16 54	19 miles west-southwest of Moorefield, W. Va.....	40.4	39.4		9.0
1840.....	39 2 0	80 18 0	16 miles south of Clarksburg, W. Va.....	55.0	54.8	4.7	
1850.....	38 59 0	81 19 0	23 miles southeast of Parkersburg, W. Va.....	54.8	54.7		3.5
1860.....	39 0 24	82 48 48	20 miles south of Chillicothe, Ohio.....	80.6	80.6	1.6	
1870.....	39 12 0	83 35 42	48 miles east by north of Cincinnati, Ohio.....	44.1	42.1	13.3	
1880.....	39 4 8	84 39 40	8 miles west by south of Cincinnati, Ohio.....	58.1	57.4		9.1
1890.....	39 11 56	85 32 53	20 miles east of Columbus, Ind.....	48.6	47.7	9.0	
1900.....	39 9 36	85 48 54	6 miles southeast of Columbus, Ind.....	14.6	14.4		2.8
1910.....	39 10 12	86 32 20	In the city of Bloomington, Ind.....	39.0	38.9	0.8	

In connection with the location of the center of population of the United States it is of interest to note also the position of what may be termed the center of area—that is, the point on which the surface of the United States would balance if it were a plane of uniform weight per unit of area. This point is located in northern Kansas, 10 miles north of Smith Center, the county seat of Smith County, approximate latitude 39° 55', longitude 98° 50', and is therefore about three-fourths of a degree (51 miles) north and

12½ degrees (657 miles) west of the center of population. This would be the center of population if the population were distributed evenly over the territory of the United States.

In 1910 the median point was located at latitude 40° 6' 24" north and longitude 84° 59' 59" west, practically the eighty-fifth meridian. Its location, therefore, was 3½ miles south of Winchester, Randolph County, Ind.; its westward movement during the decade was 7.5 miles, its northward movement 2.3 miles.







## POPULATION OF COUNTIES.

Tables 13 and 14 show the area and population in 1910 of each county or equivalent subdivision of the United States, Alaska, Hawaii, and Porto Rico; also the population in 1900 and 1890, except for

such counties as were organized subsequent to these censuses. Notes immediately following the tables indicate changes in counties which affect the comparability of the figures.

(Text continued on page 54.)

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES:  
1910, 1900, AND 1890.

[In computing the increase from 1890 to 1900 for certain counties the population of Indian reservations in 1900 has been deducted from the total population of the county, in order to make that total comparable with the total for 1890, which does not include the population of Indian reservations.]

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13		Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		
COUNTY.	1910		1900	1890	1900-1910	1890-1900	1910			1900	1890	1900-1910	1890-1900		
ALABAMA.....		51,279	2,138,093	1,828,697	1,513,401	16.9	20.8	ARIZONA.....		113,810	204,354	122,931	88,243	66.2	39.3
Autauga.....	584	20,038	17,915	13,330	11.9	34.4	Apache <sup>2</sup> .....	11,379	9,196	8,297	4,281	10.8	31.0		
Baldwin.....	1,595	18,178	13,194	8,941	37.8	47.6	Cochise.....	6,170	34,591	9,251	6,938	273.9	33.3		
Barbour.....	912	32,728	35,152	34,898	-6.9	0.7	Coconino <sup>2</sup> .....	18,238	8,130	5,514	.....	47.4	.....		
Bibb.....	634	22,791	18,498	13,824	23.2	33.8	Gila.....	4,683	16,348	4,973	2,021	228.7	111.0		
Blount <sup>1</sup> .....	649	21,456	23,119	21,927	-7.2	5.4	Graham.....	6,508	23,999	14,162	5,670	69.5	149.8		
Bullock.....	610	30,196	31,944	27,063	-5.5	18.0	Maricopa.....	8,891	34,488	20,457	10,986	68.6	63.9		
Butler.....	763	29,030	25,761	21,641	12.7	19.0	Mohave.....	13,390	3,773	3,426	1,444	10.1	137.3		
Calhoun <sup>2</sup> .....	630	39,115	34,874	33,835	12.2	3.1	Navajo <sup>2</sup> .....	10,300	11,471	8,829	.....	29.9	.....		
Chambers.....	588	36,056	32,554	26,319	10.8	23.7	Pima <sup>2</sup> .....	9,505	22,818	14,689	12,673	55.3	3.7		
Cherokee.....	577	20,226	21,096	20,459	-4.1	3.1	Pinal.....	5,380	9,045	7,779	4,251	16.3	13.5		
Chilton.....	729	23,187	16,522	14,549	40.3	13.6	Santa Cruz <sup>2</sup> .....	1,229	6,766	4,545	.....	48.9	.....		
Choctaw.....	932	18,483	18,136	17,526	1.9	3.5	Yavapai <sup>2</sup> .....	8,150	15,996	13,799	8,685	15.9	58.9		
Clarke.....	1,216	30,987	27,790	22,624	11.5	22.8	Yuma.....	9,987	7,733	4,145	2,671	86.6	34.3		
Clay <sup>2</sup> .....	614	21,006	17,099	15,765	22.8	8.5	ARKANSAS.....		52,525	1,574,449	1,311,564	1,128,211	20.0	16.3	
Cleburne <sup>2</sup> .....	568	13,385	13,206	13,218	1.4	-0.1	Arkansas.....	1,000	16,103	12,973	11,432	24.1	13.5		
Coffee.....	678	26,119	20,972	12,170	24.5	72.3	Ashley.....	940	25,268	19,734	13,295	28.0	48.4		
Colbert <sup>2</sup> .....	618	24,802	22,341	20,189	11.0	10.7	Baxter.....	586	10,389	9,298	8,527	11.7	9.0		
Concuh.....	849	21,433	17,514	14,594	22.4	20.0	Benton.....	876	33,389	31,611	27,716	5.6	14.1		
Coosa.....	655	16,634	16,144	15,906	3.0	1.5	Boone.....	608	14,318	16,396	15,816	-12.7	3.7		
Covington.....	1,042	32,124	15,346	7,536	109.3	103.6	Bradley.....	659	14,518	9,651	7,072	50.4	21.1		
Crenshaw.....	618	23,313	19,668	15,425	18.5	27.5	Calhoun.....	629	9,894	8,539	7,267	15.9	17.5		
Cullman <sup>2</sup> .....	763	28,321	17,849	13,439	58.7	32.8	Carroll.....	641	16,829	18,848	17,288	-10.7	9.0		
Dale <sup>2</sup> .....	563	21,608	21,189	17,225	2.0	23.0	Clasot.....	607	21,987	14,528	11,419	51.3	27.2		
Dallas.....	957	53,401	54,657	49,350	-2.3	10.8	Clark.....	882	23,686	21,289	20,997	11.3	1.4		
Dekalb.....	786	28,261	23,558	21,106	20.0	11.6	Clay <sup>2</sup> .....	654	23,690	15,886	12,200	49.1	30.2		
Elmore.....	622	28,245	26,099	21,732	8.2	20.1	Cleburne.....	596	11,903	9,628	7,884	23.6	22.1		
Escambia.....	957	18,889	11,320	8,666	66.9	30.6	Cleveland.....	603	13,481	11,620	11,362	16.0	2.3		
Etowah.....	542	39,109	27,361	21,926	42.9	24.8	Columbia <sup>2</sup> .....	785	23,820	22,077	19,893	7.9	11.0		
Fayette.....	643	16,248	14,132	12,823	15.0	10.2	Conway.....	563	22,729	19,772	19,459	15.0	1.6		
Franklin <sup>2</sup> .....	647	19,369	16,511	10,681	17.3	54.6	Craighead.....	687	27,627	19,505	12,025	41.6	62.2		
Geneva <sup>2</sup> .....	578	26,230	19,096	10,690	37.4	78.6	Crawford <sup>2</sup> .....	593	23,942	21,270	21,714	12.6	-2.0		
Greene.....	635	22,717	24,182	22,007	-6.1	9.9	Crittenden.....	582	22,447	14,529	13,940	54.5	4.2		
Hale.....	646	27,883	31,011	27,501	-10.1	12.8	Cross.....	619	14,042	11,051	7,693	27.1	43.7		
Henry <sup>2</sup> .....	560	20,943	36,147	24,847	-42.1	45.5	Dallas.....	679	12,621	11,518	9,296	9.6	23.9		
Houston <sup>2</sup> .....	579	32,414	.....	.....	.....	.....	Desha.....	747	15,274	11,511	10,324	32.7	11.5		
Jackson.....	1,140	32,918	30,508	28,026	7.9	8.9	Drew.....	847	21,960	19,451	17,352	12.9	12.1		
Jefferson <sup>2</sup> .....	1,135	226,476	140,420	88,501	61.3	58.7	Faulkner.....	651	23,708	20,780	18,342	14.1	13.3		
Lamar.....	601	17,487	16,084	14,187	8.7	13.4	Franklin <sup>2</sup> .....	606	20,638	17,395	19,934	18.6	-12.7		
Lauderdale.....	694	30,936	26,559	23,739	16.5	11.9	Fulton.....	625	12,193	12,917	10,984	-5.6	17.6		
Lawrence <sup>2</sup> .....	700	21,984	20,124	20,725	9.2	-2.9	Garland.....	631	27,271	18,773	15,328	45.3	22.5		
Lee.....	632	32,867	31,826	28,694	3.3	10.9	Grant.....	637	9,425	7,671	7,786	22.9	-1.5		
Limestone.....	596	26,880	22,387	21,021	20.1	5.6	Greene <sup>2</sup> .....	561	23,852	16,979	12,908	40.5	31.5		
Lowndes.....	739	31,894	35,651	31,550	-10.5	13.0	Hempstead.....	727	28,285	24,101	22,796	17.4	5.7		
Macon.....	614	26,049	23,126	18,439	12.6	25.4	Hot Spring.....	613	15,022	12,748	11,603	17.8	9.9		
Madison.....	811	47,041	43,702	38,119	7.6	14.6	Howard <sup>2</sup> .....	602	16,898	14,076	13,789	20.0	2.1		
Marengo.....	966	39,923	38,315	33,095	4.2	15.8	Independence.....	762	24,776	22,557	21,961	9.8	2.7		
Marion.....	743	17,495	14,494	11,347	20.7	27.7	Iard.....	583	14,561	13,506	13,038	7.8	3.6		
Marshall.....	602	28,553	23,289	18,935	22.6	23.0	Jackson.....	634	23,501	18,383	15,179	27.8	21.1		
Mobile.....	1,226	80,854	62,740	51,587	28.9	21.6	Jefferson.....	903	52,734	40,972	40,881	28.7	0.2		
Monroe.....	1,012	27,155	23,666	19,990	14.7	24.6	Johnson.....	675	19,698	17,448	16,758	12.9	4.1		
Montgomery.....	801	82,178	72,047	56,172	14.1	28.3	Lafayette <sup>2</sup> .....	525	13,741	10,594	7,700	29.7	37.6		
Morgan.....	587	33,781	28,820	24,089	17.2	19.6	Lawrence.....	592	20,001	16,491	12,984	21.3	27.0		
Perry.....	737	31,222	31,783	29,332	-1.8	8.4	Lee.....	601	24,232	19,409	18,886	25.0	2.8		
Pickens.....	875	25,055	24,402	22,470	2.7	8.6	Lincoln.....	571	15,118	13,389	10,255	12.9	30.6		
Pike.....	671	30,815	29,172	24,423	5.6	19.4	Little River.....	546	13,597	13,731	8,903	-1.0	54.2		
Randolph.....	590	24,659	21,647	17,219	13.9	25.7	Logan <sup>2</sup> .....	726	26,350	20,563	20,774	28.1	-1.0		
Russell.....	655	25,937	27,083	24,093	-4.2	12.4	Lonoke.....	794	27,983	22,544	19,263	24.1	17.0		
St. Clair.....	645	20,715	19,425	17,353	6.6	11.9	Madison.....	836	16,056	19,894	17,402	-19.2	14.1		
Shelby.....	806	26,949	23,684	20,886	13.8	13.4	Marion.....	646	10,203	11,377	10,390	-10.3	9.5		
Sumter.....	908	28,699	32,710	29,574	-12.3	10.6	Miller.....	623	19,555	17,558	14,714	11.4	19.3		
Talladega <sup>2</sup> .....	755	37,921	35,773	29,346	6.0	21.9	Mississippi <sup>2</sup> .....	792	30,468	16,384	11,635	86.0	40.8		
Tallapoosa.....	763	31,034	29,675	25,460	4.6	16.6	Monroe.....	603	19,907	16,816	15,336	18.4	9.7		
Tuscaloosa.....	1,346	47,559	36,147	30,352	31.6	19.1	Montgomery.....	891	12,455	9,444	7,923	31.9	19.2		
Walker <sup>2</sup> .....	777	37,013	25,162	16,078	47.1	56.5	Nevada.....	620	19,344	16,609	14,832	16.5	12.0		
Washington.....	1,087	14,454	11,134	7,935	29.8	40.3	Newton.....	846	10,612	12,538	9,950	-15.4	26.0		
Wilcox.....	896	33,810	35,631	30,816	-5.1	15.6	Ouachita.....	733	21,774	20,892	17,033	4.2	22.7		
Winston.....	630	12,855	9,554	6,552	34.6	45.8	Perry.....	552	9,402	7,294	5,538	28.9	31.7		
							Phillips.....	692	33,535	26,561	25,341	26.3	4.8		
							Pike.....	601	12,565	10,301	8,537	22.0	20.0		

<sup>1</sup> State total includes population (384) specially enumerated in 1890, not distributed by counties.

<sup>2</sup> For changes in boundaries, etc., of counties, see page 53.

<sup>3</sup> State total includes population (3,005) of San Carlos Indian Reservation, not returned by counties in 1900; returned in 1910 in Gila and Graham Counties.

<sup>4</sup> State total includes population (28,623) of Indian reservations specially enumerated in 1890, not distributed by counties.

<sup>5</sup> See headnote to table.

<sup>6</sup> State total includes population (32) specially enumerated in 1890, not distributed by counties.



# POPULATION OF COUNTIES.

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## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		Land area in square miles: 1910		POPULATION.			PER CENT OF INCREASE.			Land area in square miles: 1910		POPULATION.			PER CENT OF INCREASE.							
COUNTY.				1910	1900	1890	1900-1910	1890-1900	COUNTY.				1910	1900	1890	1900-1910	1890-1900					
ARKANSAS—										COLORADO.....		103,658	799,024	539,700	413,249	48.0	30.6					
Con.																						
Poinsett.....	721	12,791	7,025	4,272	82.1	64.4	Adams <sup>1</sup> .....	1,262	8,892	.....	.....	.....	.....	.....	.....	.....	.....					
Polk.....	846	17,216	18,352	9,283	-6.2	97.7	Arapahoe <sup>1</sup> .....	842	10,263	153,017	132,135	-93.3	15.8	.....	.....	.....	.....					
Pope.....	828	24,527	21,715	19,458	12.9	11.6	Archuleta.....	1,220	3,302	2,117	826	56.0	144.2	.....	.....	.....	.....					
Prairie.....	675	13,853	11,875	11,374	16.7	4.4	Baca.....	2,552	2,516	759	1,479	231.5	-48.7	.....	.....	.....	.....					
Pulaski.....	747	86,751	63,179	47,329	37.3	33.5	Bent.....	1,524	5,043	3,049	1,313	65.4	132.2	.....	.....	.....	.....					
Randolph.....	654	18,987	17,156	14,485	10.7	18.4	Boulder.....	764	30,330	21,544	14,082	40.8	53.0	.....	.....	.....	.....					
St. Francis.....	628	22,548	17,157	13,543	31.4	26.7	Chaffee <sup>1</sup> .....	1,083	7,622	7,085	6,612	7.6	7.2	.....	.....	.....	.....					
Saline.....	775	16,657	13,122	11,311	26.9	16.0	Cheyenne.....	1,777	3,687	501	534	635.9	-6.2	.....	.....	.....	.....					
Scott <sup>1</sup> .....	970	14,302	13,183	12,635	8.5	4.3	Clear Creek.....	390	5,001	7,082	7,184	-29.4	-1.4	.....	.....	.....	.....					
Searcy.....	673	14,825	11,988	9,664	23.7	24.0	Conejos.....	1,393	11,285	8,794	7,193	28.3	22.3	.....	.....	.....	.....					
Sebastian <sup>1</sup> .....	531	52,278	36,935	33,200	41.5	11.3	Costilla.....	1,771	5,498	4,632	3,491	18.7	32.7	.....	.....	.....	.....					
Sevier <sup>1</sup> .....	572	16,616	16,339	10,072	1.7	62.2	Custer.....	747	1,947	2,937	2,970	-33.7	-1.1	.....	.....	.....	.....					
Sharp.....	609	11,688	12,199	10,418	-4.2	17.1	Delta.....	1,201	13,688	5,487	2,534	149.5	116.5	.....	.....	.....	.....					
Stone.....	611	8,946	8,100	7,043	10.4	15.0	Denver <sup>1</sup> .....	58	213,381	.....	.....	.....	.....	.....	.....	.....	.....					
Union.....	1,048	30,723	22,495	14,977	36.6	50.2	Dolores.....	1,043	642	1,134	1,498	-43.4	-24.3	.....	.....	.....	.....					
Van Buren.....	730	13,509	11,220	8,567	20.4	31.0	Douglas.....	845	3,192	3,120	3,006	2.3	3.8	.....	.....	.....	.....					
Washington.....	955	33,889	34,256	32,024	-1.1	7.0	Eagle.....	1,620	2,985	3,008	3,725	-0.8	-19.2	.....	.....	.....	.....					
White.....	1,037	28,574	24,864	22,946	14.9	8.4	El Paso <sup>1</sup> .....	2,121	43,321	31,602	21,239	37.1	48.8	.....	.....	.....	.....					
Woodruff.....	577	20,049	16,304	14,009	23.0	16.4	Elbert.....	1,857	5,331	3,101	1,856	71.9	67.1	.....	.....	.....	.....					
Yell.....	955	26,323	22,750	18,015	15.7	26.3	Fremont <sup>1</sup> .....	1,557	18,181	15,636	9,156	16.3	70.8	.....	.....	.....	.....					
CALIFORNIA.....		155,652	2,377,549	1,485,053	1,213,398	60.1	22.4	Garfield.....	3,107	10,144	5,835	4,478	73.8	30.3	.....	.....	.....	.....				
Alameda.....	732	246,131	130,197	93,864	89.0	38.7	Gilpin.....	132	4,131	6,690	5,867	-38.3	14.0	.....	.....	.....	.....					
Alpine.....	776	309	509	667	-39.3	-23.7	Grand.....	1,866	1,862	741	604	151.3	22.7	.....	.....	.....	.....					
Amador.....	601	9,086	11,116	10,320	-18.3	7.7	Gunnison.....	3,179	5,897	5,331	4,359	10.6	22.3	.....	.....	.....	.....					
Butte.....	1,722	27,301	17,117	17,939	59.5	-4.6	Hinsdale <sup>1</sup> .....	971	646	1,609	862	-59.9	86.7	.....	.....	.....	.....					
Calaveras.....	1,027	9,171	11,200	8,882	-18.1	26.1	Huerfano.....	1,600	13,320	8,395	6,882	58.7	22.0	.....	.....	.....	.....					
Colusa <sup>1</sup> .....	1,140	7,732	7,364	14,640	5.0	-49.7	Jackson <sup>1</sup> .....	1,632	1,013	.....	.....	.....	.....	.....	.....	.....	.....					
Contra Costa.....	714	31,674	18,046	13,515	75.5	33.5	Jefferson <sup>1</sup> .....	838	14,231	9,306	8,450	52.9	10.1	.....	.....	.....	.....					
Del Norte.....	1,024	2,417	2,408	2,592	0.4	-7.1	Kiowa.....	1,798	2,899	701	1,243	313.6	-43.6	.....	.....	.....	.....					
Eldorado.....	1,733	7,492	8,986	9,232	-16.6	-2.7	Kit Carson.....	2,159	7,483	1,580	2,472	373.6	-36.1	.....	.....	.....	.....					
Fresno <sup>1</sup> .....	5,950	75,657	37,862	32,026	99.8	18.2	La Plata.....	1,851	10,812	7,016	5,509	54.1	18.5	.....	.....	.....	.....					
Glenn <sup>1</sup> .....	1,259	7,172	5,150	.....	39.3	.....	Lake.....	371	10,600	18,064	14,663	-41.3	23.1	.....	.....	.....	.....					
Humboldt.....	3,634	33,857	27,104	23,469	24.9	10.8	Larimer <sup>1</sup> .....	2,629	25,270	12,168	9,712	107.7	25.3	.....	.....	.....	.....					
Imperial <sup>1</sup> .....	4,089	13,591	.....	.....	.....	.....	Las Animas.....	4,809	33,643	21,842	17,208	54.0	26.9	.....	.....	.....	.....					
Inyo.....	10,019	6,974	4,377	3,544	59.3	23.5	Lincoln.....	2,570	5,917	926	689	539.0	34.4	.....	.....	.....	.....					
Kern.....	8,003	37,715	16,480	9,808	128.9	68.0	Logan.....	1,822	9,549	3,292	3,070	190.1	7.2	.....	.....	.....	.....					
Kings <sup>1</sup> .....	1,159	16,230	9,871	.....	64.4	.....	Mesa.....	3,163	22,197	9,267	4,260	139.5	117.5	.....	.....	.....	.....					
Lake.....	1,278	5,526	6,017	7,101	-8.2	-15.3	Mineral <sup>1</sup> .....	866	1,239	1,913	.....	-35.2	.....	.....	.....	.....	.....					
Lassen.....	4,531	4,802	4,511	4,239	6.5	6.4	Monterey.....	2,051	5,029	3,058	1,529	64.5	63.4	.....	.....	.....	.....					
Los Angeles.....	4,067	504,131	170,298	101,454	196.0	67.9	Montrose.....	2,264	10,291	4,535	3,980	126.9	13.9	.....	.....	.....	.....					
Madera <sup>1</sup> .....	2,112	8,368	6,364	.....	31.5	.....	Morgan.....	1,286	9,577	3,268	1,601	193.1	104.1	.....	.....	.....	.....					
Marin.....	529	25,114	15,702	13,072	50.9	20.1	Otero.....	2,067	20,291	11,522	4,192	75.3	174.9	.....	.....	.....	.....					
Mariposa.....	1,463	3,956	4,720	3,787	-16.2	24.6	Ouray.....	519	3,514	4,731	6,510	-25.7	-27.3	.....	.....	.....	.....					
Mendocino.....	3,453	23,929	20,465	17,612	16.9	12.8	Park <sup>1</sup> .....	2,212	2,492	2,998	3,548	-16.9	-15.5	.....	.....	.....	.....					
Merced.....	1,995	15,148	9,215	8,085	64.4	14.0	Phillips.....	688	3,179	1,583	2,642	100.8	-40.1	.....	.....	.....	.....					
Modoc.....	3,823	6,191	5,076	4,986	22.0	1.8	Pitkin.....	1,019	4,566	7,020	8,929	-35.0	-21.4	.....	.....	.....	.....					
Mono.....	3,030	2,042	2,167	2,002	-5.8	8.2	Prowers.....	1,630	9,520	3,766	1,969	152.8	91.3	.....	.....	.....	.....					
Monterey.....	3,330	24,146	19,380	18,637	24.6	4.0	Pueblo.....	2,433	52,223	34,448	31,491	51.6	9.4	.....	.....	.....	.....					
Napa.....	783	19,800	16,451	16,411	20.4	0.2	Rio Blanco.....	3,223	2,332	1,690	1,200	38.0	40.8	.....	.....	.....	.....					
Nevada.....	974	14,955	17,789	17,369	-15.9	2.4	Rio Grande <sup>1</sup> .....	898	6,563	4,080	3,451	60.9	18.2	.....	.....	.....	.....					
Orange.....	795	34,436	19,696	13,589	74.8	44.9	Routt.....	6,967	7,561	3,661	2,369	106.5	54.5	.....	.....	.....	.....					
Placer.....	1,395	18,237	15,786	15,101	15.5	4.5	Saguache <sup>1</sup> .....	3,133	4,160	3,853	3,313	8.0	16.3	.....	.....	.....	.....					
Plumas.....	2,394	5,259	4,657	4,933	12.9	-5.6	San Juan.....	453	3,063	2,342	1,572	30.8	49.0	.....	.....	.....	.....					
Riverside <sup>1</sup> .....	7,240	34,696	17,897	.....	93.9	.....	San Miguel.....	1,288	4,700	5,379	2,909	-12.6	84.9	.....	.....	.....	.....					
Sacramento.....	963	67,806	45,915	40,339	47.7	13.8	Sedgwick.....	531	3,061	971	1,293	215.2	-24.9	.....	.....	.....	.....					
San Benito.....	1,392	8,041	6,633	6,412	21.2	3.4	Summit.....	649	2,003	2,744	1,906	-27.0	44.0	.....	.....	.....	.....					
San Bernardino <sup>1</sup> .....	20,157	56,706	27,929	25,497	103.0	9.5	Teller.....	547	14,351	29,092	.....	-50.5	.....	.....	.....	.....	.....					
San Diego <sup>1</sup> .....	4,221	61,665	35,090	34,987	75.7	14.6	Washington <sup>1</sup> .....	2,521	6,002	1,241	2,301	383.6	-46.1	.....	.....	.....	.....					
San Francisco.....	43	416,912	342,782	298,997	21.6	23.8	Weid.....	4,022	39,177	16,808	11,736	133.1	43.2	.....	.....	.....	.....					
San Joaquin.....	1,448	50,731	35,452	28,629	43.1	16.5	Yuma <sup>1</sup> .....	2,367	8,499	1,729	2,596	391.6	-33.4	.....	.....	.....	.....					
San Luis Obispo.....	3,334	19,383	16,637	10,072	16.5	3.5	CONNECTICUT.....										4,820	1,114,756	908,420	746,258	22.7	21.7
San Mateo.....	447	26,585	12,094	10,087	119.8	19.9	Fairfield.....	631	245,322	184,203	150,081	33.2	22.7	.....	.....	.....	.....					
Santa Barbara.....	2,740	27,738	18,934	15,754	46.5	20.2	Hartford.....	729	250,182	195,480	147,180	28.0	32.8	.....	.....	.....	.....					
Santa Clara.....	1,328	83,639	60,216	48,005	38.7	25.4	Litchfield.....	925	70,260	63,672	53,542	10.3	18.9	.....	.....	.....	.....					
Santa Cruz.....	435	26,140	21,512	19,270	21.5	11.6	Middlesex.....	369	4													

<sup>1</sup> For changes in boundaries, etc., of counties, see page 33.

<sup>2</sup> State total includes population (5,268) of Indian reservations specially enumerated in 1890, not distributed by counties.

<sup>3</sup> See headnote to table, page 32.

<sup>4</sup> State total includes population (1,051) of Indian reservations specially enumerated in 1890, not distributed by counties.



## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.					PER CENT OF INCREASE.					COUNTY.		POPULATION.					PER CENT OF INCREASE.					
COUNTY.		Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900	COUNTY.		Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900	COUNTY.		Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900	
FLORIDA.....		54,861	752,619	528,542	391,422	42.4	35.0	GEORGIA—Con.																
Alachua.....	1,262	34,305	32,245	22,934	6.4	40.6		Columbia.....	350	12,328	10,653	11,281	15.7	-5.6										
Baker.....	587	4,805	4,516	3,333	6.4	35.5		Coweta.....	470	28,800	24,980	22,354	15.3	11.7										
Bradford.....	539	14,090	10,295	7,516	36.9	37.0		Crawford.....	319	8,310	10,368	9,315	-19.8	11.3										
Brevard.....	1,025	4,717	5,158	3,401	-8.5	51.7		Crisp.....	277	16,423														
Calhoun.....	1,192	7,465	5,132	1,681	45.5	205.3		Dade.....	186	4,139	4,578	5,707	-9.6	-19.8										
Citrus.....	620	6,731	5,391	2,394	24.9	125.2		Dawson.....	216	4,686	5,442	5,612	-13.9	-3.0										
Clay.....	617	6,116	5,635	5,154	8.5	9.3		Decatur.....	823	29,045	29,454	19,949	-1.4	47.6										
Columbia.....	792	17,689	17,094	12,877	3.5	32.7		Dekalb.....	272	27,881	21,112	17,189	32.1	22.8										
Dade.....	2,733	11,933	4,955	861	140.8	475.5		Dodge.....	431	20,127	13,975	11,452	44.0	22.0										
De Soto.....	3,754	14,200	8,947	4,944	76.5	62.8		Dooly.....	397	20,554	26,567	18,146	-22.6	46.4										
Duval.....	786	75,163	39,733	26,800	89.2	48.3		Dougherty.....	342	16,035	13,679	12,206	17.2	12.1										
Escambia.....	657	38,029	28,313	20,188	34.3	40.2		Douglas.....	208	8,953	8,745	7,794	2.4	12.2										
Franklin.....	541	5,201	4,890	3,308	6.4	47.8		Early.....	524	18,122	14,828	9,792	22.2	51.4										
Gadsden.....	540	22,198	15,294	11,894	45.1	28.6		Echols.....	362	3,309	3,209	3,079	3.1	4.2										
Hamilton.....	528	11,825	11,881	8,507	-0.5	39.7		Effingham.....	448	9,971	8,334	5,599	19.6	48.8										
Hernando.....	497	4,997	3,638	2,476	37.4	46.9		Elbert.....	361	24,125	19,729	15,376	22.3	28.3										
Hillsboro.....	1,329	78,374	36,013	14,941	117.6	141.0		Emmanuel.....	935	25,140	21,779	14,703	18.1	44.7										
Holmes.....	458	11,557	7,762	4,336	48.9	79.0		Fannin.....	401	12,574	11,214	8,724	12.1	28.5										
Jackson.....	965	29,821	23,377	17,544	27.6	33.2		Fayette.....	234	10,966	10,114	8,728	8.4	15.9										
Jefferson.....	585	17,210	16,195	15,757	6.3	2.8		Floyd.....	502	36,736	33,113	28,391	10.9	16.6										
Lafayette.....	1,244	6,710	4,987	3,686	34.5	35.3		Forsyth.....	247	11,940	11,550	11,155	3.4	3.5										
Lake.....	1,047	9,509	7,467	8,034	27.3	-7.1		Franklin.....	279	17,894	17,700	14,670	1.1	20.7										
Lee.....	4,031	6,294	3,071	1,414	104.9	117.2		Fulton.....	183	177,733	117,363	84,655	51.4	38.6										
Leon.....	715	19,427	19,887	17,752	-2.3	12.0		Gilmer.....	440	9,237	10,198	9,074	-9.4	12.4										
Levy.....	1,143	10,361	8,603	6,586	20.4	30.6		Glascok.....	170	4,669	4,516	3,720	3.4	21.4										
Liberty.....	823	4,700	2,956	1,432	59.0	103.6		Glynn.....	439	15,720	14,317	13,420	9.8	6.7										
Madison.....	719	16,919	15,446	14,316	9.5	7.9		Gordon.....	375	15,861	14,119	12,758	12.3	10.7										
Manatee.....	1,337	9,550	4,663	2,895	104.8	61.1		Grady.....	444	18,457														
Marion.....	1,647	26,941	24,403	20,796	10.4	17.3		Greene.....	416	18,512	16,542	17,051	11.9	-3.0										
Monroe.....	1,100	21,563	18,006	18,786	19.8	-4.2		Gwinnett.....	491	28,824	25,585	19,899	12.7	28.6										
Nassau.....	630	10,325	9,654	8,294	9.0	16.4		Habersham.....	290	10,134	13,604	11,573	-25.5	17.5										
Orange.....	1,250	19,107	11,374	12,584	68.0	-9.6		Hall.....	437	25,730	20,752	18,047	24.0	15.0										
Osceola.....	1,773	5,507	3,444	3,133	59.9	9.9		Hancock.....	530	19,189	18,277	17,149	5.0	6.6										
Palm Beach.....	3,048	5,577						Haralson.....	284	13,514	11,922	11,316	13.4	5.4										
Pasco.....	767	7,502	6,054	4,249	23.9	42.5		Harris.....	501	17,886	18,009	16,797	-0.7	7.2										
Polk.....	1,907	24,148	12,472	7,905	93.6	57.8		Hart.....	261	16,216	14,492	10,887	11.9	33.1										
Putnam.....	752	13,096	11,641	11,186	12.5	4.1		Heard.....	258	11,189	11,177	9,557	0.1	17.0										
St. John.....	966	13,208	9,165	8,712	44.1	5.2		Henry.....	324	19,927	18,602	16,220	7.1	14.7										
St. Lucie.....	1,395	4,075						Houston.....	585	23,609	22,641	21,613	4.3	4.8										
Santa Rosa.....	1,546	14,897	10,293	7,961	44.7	29.3		Irwin.....	378	10,461	13,645	6,316	-23.3	116.0										
Sumter.....	583	6,696	6,187	5,363	8.2	15.4		Jackson.....	433	30,169	24,039	19,176	25.5	25.4										
Suwanee.....	692	18,603	14,554	10,524	27.8	38.3		Jasper.....	321	16,552	15,033	13,879	10.1	8.3										
Taylor.....	1,064	7,103	3,999	2,122	77.6	88.5		Jeff Davis.....	300	6,050														
Volusia.....	1,256	16,510	10,003	8,467	65.1	18.1		Jefferson.....	720	21,379	18,212	17,213	17.4	5.8										
Wakulla.....	602	4,802	5,149	3,117	-6.7	65.2		Jenkins.....	342	11,520														
Walton.....	1,382	16,460	9,346	4,816	76.1	94.1		Johnson.....	292	12,897	11,409	6,129	13.0	86.1										
Washington.....	1,435	16,403	10,154	6,426	61.5	58.0		Jones.....	377	13,103	13,358	12,709	-1.9	5.1										
GEORGIA.....		58,725	2,609,121	2,216,331	1,837,353	17.7	20.6	Laurens.....		806	35,501	25,908	13,747	37.0	88.5									
Appling.....	604	12,318	12,336	8,676	-0.1	42.2		Lee.....	326	11,679	10,344	9,074	12.9	14.0										
Baker.....	357	7,973	6,704	6,144	18.9	9.1		Liberty.....	936	12,924	13,093	12,887	-1.3	1.6										
Baldwin.....	307	18,354	17,768	14,608	3.3	21.6		Lincoln.....	291	8,714	7,156	6,146	21.8	16.4										
Banks.....	222	11,244	10,545	8,562	6.6	23.2		Lowndes.....	482	24,436	20,036	15,102	22.0	32.7										
Bartow.....	471	25,388	20,823	20,616	21.9	1.0		Lumpkin.....	280	5,444	7,433	6,867	-26.8	8.2										
Ben Hill.....	256	11,863						McDuffie.....	287	10,325	9,804	8,789	5.3	11.5										
Berrien.....	735	22,772	19,440	10,694	17.1	81.8		McIntosh.....	470	6,442	6,537	6,470	-1.5	1.0										
Bibb.....	277	56,646	50,473	42,370	12.2	19.1		Macon.....	309	15,016	14,093	13,183	6.5	6.9										
Brooks.....	514	23,832	18,606	13,979	28.1	33.1		Madison.....	284	16,851	13,224	11,024	27.4	20.0										
Bryan.....	431	6,702	6,122	5,520	9.5	10.9		Marion.....	360	9,147	10,080	7,728	-9.3	30.4										
Bulloch.....	887	26,464	21,377	13,712	23.8	55.9		Meriwether.....	496	25,180	23,339	20,740	7.9	12.5										
Burke.....	956	27,268	30,165	28,501	-9.6	5.8		Miller.....	253	7,986	6,319	4,275	26.4	47.8										
Butts.....	203	13,624	12,805	10,565	6.4	21.2		Milton.....	145	7,239	6,763	6,208	7.0	8.8										

\* For changes in boundaries, etc., of counties, see page 53.



# POPULATION OF COUNTIES.

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## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.													
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
GEORGIA—Con.							ILLINOIS—Con.						
Richmond.....	319	58,886	53,735	45,194	9.6	18.9	Bureau.....	881	43,975	41,112	35,014	7.0	17.4
Rockdale.....	119	8,916	7,515	6,813	18.6	10.3	Calhoun.....	256	8,610	8,917	7,652	-3.4	16.5
Schley.....	154	5,213	5,499	5,443	-5.2	1.0	Carroll.....	453	18,035	18,963	18,320	-4.9	3.5
Screven <sup>1</sup> .....	794	20,202	19,252	14,424	4.9	33.5	Cass.....	371	17,372	17,222	15,963	0.9	7.9
Spalding.....	209	19,741	17,619	13,117	12.0	34.3	Champaign.....	1,043	51,829	47,622	42,159	8.8	13.0
Stephens <sup>1</sup> .....	166	9,728	.....	.....	.....	.....	Christian.....	700	34,594	32,790	30,531	5.5	7.4
Stewart.....	411	13,437	15,856	15,682	-15.3	1.1	Clark.....	493	23,517	24,033	21,899	-2.1	9.7
Sumter.....	456	29,092	26,212	22,107	11.0	18.6	Clay.....	462	18,661	19,553	16,772	-4.6	16.6
Talbot.....	312	11,696	12,197	13,258	-4.1	-8.0	Clinton.....	483	22,832	19,824	17,411	15.2	13.9
Talmerro.....	212	8,766	7,912	7,291	10.8	8.5	Coles.....	525	34,517	34,146	30,093	1.1	13.5
Tattnall <sup>1</sup> .....	642	18,569	20,419	10,253	-9.1	99.2	Cook.....	933	2,405,233	1,838,735	1,191,922	30.8	54.3
Taylor.....	340	10,839	9,846	8,666	10.1	13.6	Crawford.....	453	26,281	19,240	17,283	36.6	11.3
Telfair.....	373	13,288	10,083	5,477	31.8	84.1	Cumberland.....	353	14,281	16,124	15,443	-11.4	4.4
Terrell.....	322	22,003	19,023	14,503	15.7	31.2	DeKalb.....	638	33,457	31,756	27,066	5.4	17.3
Thomas <sup>1</sup> .....	530	29,071	31,076	26,154	-6.5	18.8	Dewitt.....	415	18,906	18,972	17,011	-0.3	11.5
Tift <sup>1</sup> .....	243	11,487	.....	.....	.....	.....	Douglas.....	417	19,591	19,097	17,669	2.6	8.1
Toombs <sup>1</sup> .....	393	11,206	.....	.....	.....	.....	Dupage.....	345	33,432	28,196	22,551	18.6	25.0
Towns.....	181	3,932	4,748	4,064	-17.2	16.8	Edgar.....	621	27,336	28,273	26,787	-3.3	5.5
Troup.....	435	26,228	24,002	20,723	9.3	15.8	Edwards.....	238	10,049	10,345	9,444	-2.9	9.5
Turner <sup>1</sup> .....	231	10,075	.....	.....	.....	.....	Efingham.....	511	20,055	20,465	19,358	-2.0	5.7
Twigg.....	314	10,736	8,716	8,195	23.2	6.4	Fayette.....	729	28,075	28,065	23,367	(*)	20.1
Union.....	324	6,918	8,481	7,749	-18.4	9.4	Ford.....	500	17,096	18,359	17,035	-6.9	7.8
Upson.....	317	12,757	13,670	12,188	-6.7	12.2	Franklin.....	445	25,943	19,675	17,138	31.9	14.8
Walker.....	432	18,692	15,661	13,282	19.4	17.9	Fulton.....	884	49,549	46,201	43,110	7.2	7.2
Walton.....	370	25,393	20,942	17,467	21.3	19.9	Gallatin.....	338	14,628	15,836	14,935	-7.6	6.0
Ware.....	804	22,957	13,761	8,811	66.8	56.2	Greene.....	515	22,363	23,402	23,791	-4.4	-1.6
Warren.....	404	11,860	11,463	10,937	3.5	4.6	Grundy.....	433	24,162	24,136	21,024	0.1	14.8
Washington.....	509	28,174	28,227	25,237	-0.2	11.8	Hamilton.....	455	18,227	20,197	17,800	-9.8	13.5
Wayne.....	764	13,069	9,449	7,485	38.3	26.2	Hancock.....	780	30,638	32,215	31,907	-4.9	1.0
Webster.....	302	6,151	6,618	5,695	-7.1	16.2	Hardin.....	185	7,015	7,448	7,234	-5.8	3.0
White.....	245	5,110	5,912	6,151	-13.6	-3.9	Henderson.....	376	9,724	10,836	9,876	-10.3	9.7
Whitfield.....	283	15,934	14,509	12,916	9.8	12.3	Henry.....	824	41,736	40,049	33,338	4.2	20.1
Wilcox <sup>1</sup> .....	403	13,486	11,097	7,980	21.5	39.1	Iroquois.....	1,121	35,543	38,014	35,167	-6.5	8.1
Wilkes.....	458	23,441	20,866	18,081	12.3	15.4	Jackson.....	588	35,143	33,871	27,809	3.8	21.8
Wilkinson.....	472	10,078	11,440	10,781	-11.9	6.1	Jasper.....	508	18,157	20,160	18,188	-9.9	10.8
Worth <sup>1</sup> .....	651	19,147	18,664	10,048	2.6	85.7	Jefferson.....	603	29,111	28,133	22,590	3.5	24.5
IDAHO.....							Jersey.....	367	13,954	14,612	14,810	-4.5	-1.3
Ada <sup>1</sup> .....	1,136	29,088	11,559	8,368	151.6	38.1	Jo Daviess.....	623	22,657	24,533	25,101	-7.6	-2.3
Bannock <sup>1</sup> .....	3,179	19,242	11,702	.....	64.4	.....	Johnson.....	348	14,331	15,667	15,013	-8.5	4.4
Bear Lake.....	942	7,729	7,051	6,057	9.6	16.4	Kane.....	527	91,862	78,792	65,061	16.6	21.1
Bingham <sup>1</sup> .....	4,116	23,306	10,447	13,575	123.1	4-30.0	Kankakee.....	668	40,752	37,154	28,732	9.7	29.3
Blaine <sup>1</sup> .....	6,120	8,387	4,900	.....	71.2	.....	Kendall.....	324	10,777	11,467	12,106	-6.0	-5.3
Boise.....	3,469	5,250	4,174	3,342	25.8	24.9	Knox.....	711	46,159	43,612	38,752	5.8	12.5
Bonner <sup>1</sup> .....	3,129	13,588	.....	.....	.....	.....	La Salle.....	1,146	90,132	87,776	80,798	2.7	8.6
Canyon <sup>1</sup> .....	1,283	25,323	7,497	.....	237.8	.....	Lake.....	455	55,058	34,504	24,235	59.6	42.4
Cassia <sup>1</sup> .....	2,611	7,197	3,951	3,143	82.2	25.7	Lawrence.....	358	22,661	16,523	14,693	37.1	12.5
Custer.....	4,589	3,001	2,049	2,176	46.5	-5.8	Lee.....	742	27,750	29,894	26,187	-7.2	14.2
Elmore.....	2,665	4,785	2,286	1,870	109.3	22.2	Livingston.....	1,043	40,465	42,035	38,455	-3.7	9.3
Freemont <sup>1</sup> .....	6,006	24,606	12,821	.....	91.9	.....	Logan.....	617	30,216	28,680	25,489	5.4	12.5
Idaho.....	11,012	12,384	9,121	2,955	35.8	208.7	McDonough.....	588	26,887	28,412	27,467	-5.4	3.4
Kootenai <sup>1</sup> .....	2,043	22,747	10,216	4,108	122.7	4130.4	McHenry.....	620	32,509	29,759	26,114	9.2	14.0
Latah.....	1,128	18,818	13,451	9,173	39.9	46.6	McLean.....	1,191	68,008	67,843	63,036	0.2	7.6
Lemhi <sup>1</sup> .....	4,867	4,786	3,446	1,915	38.9	454.6	Macomb.....	585	54,186	44,003	38,083	23.1	15.5
Lincoln <sup>1</sup> .....	3,283	12,676	1,784	.....	610.5	.....	Macoupin.....	800	50,685	42,256	40,380	19.9	4.6
Nez Perce <sup>1</sup> .....	3,844	24,860	13,748	2,847	80.8	382.9	Madison.....	737	89,847	64,694	51,535	38.9	25.5
Oneida.....	2,655	15,170	8,933	6,819	69.8	31.0	Marion.....	569	35,094	30,446	24,341	15.3	25.1
Owyhee.....	7,888	4,044	3,804	2,021	6.3	88.2	Marshall.....	396	15,679	16,370	13,653	-4.2	19.9
Shoshone <sup>1</sup> .....	2,579	13,963	11,950	5,382	16.8	122.0	Mason.....	555	17,377	17,491	16,067	-0.7	8.9
Twin Falls <sup>1</sup> .....	1,888	13,543	.....	.....	.....	.....	Mason.....	240	14,200	13,110	11,313	8.3	15.9
Washington.....	2,871	11,101	6,882	3,836	61.3	79.4	Menard.....	317	12,796	14,336	13,120	-10.7	9.3
ILLINOIS.....							Mercer.....	540	19,723	20,945	18,545	-5.8	12.9
Adams.....	842	64,588	67,058	61,888	-3.7	8.4	Monroe.....	389	13,508	13,847	12,948	-2.4	6.9
Alexander.....	226	22,741	19,384	16,563	17.3	17.0	Montgomery.....	689	35,311	30,830	30,003	14.5	2.8
Bond.....	388	17,075	16,078	14,550	6.2	10.5	Morgan.....	576	34,420	35,006	32,636	-1.7	7.3
Boone.....	293	15,481	15,791	12,203	-2.0	29.4	Moultrie.....	338	14,630	15,224	14,481	-3.9	5.1
Brown.....	297	10,397	11,557	11,951	-10.0	-3.3	Ogle.....	756	27,604	29,129	28,710	-4.3	1.5
							Peoria.....	636	100,255	88,608	70,378	13.1	25.9
							Perry.....	451	22,088	19,830	17,529	11.4	13.1
							Pike.....	451	16,376	17,706	17,062	-7.5	3.8
							Pike.....	786	28,622	31,595	31,000	-0.4	1.9
							Pope.....	385	11,215	13,585	14,016	-17.4	-3.1
							Putnam.....	190	15,650	14,554	11,355	7.5	28.2
							Randolph.....	173	7,561	4,746	4,730	59.3	0.3
							Richland.....	587	29,120	28,001	25,049	4.0	11.8
							Richland.....	357	15,970	16,391	15,019	-2.6	9.1

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.

<sup>2</sup> Includes land area (51 square miles) of that part of Yellowstone National Park in Idaho. No population reported.

<sup>3</sup> State total includes population (4,163) of Indian reservations specially enumerated in 1890, not distributed by counties; also, population (6,798) of Alturas and Logan Counties, taken to form Blaine and Lincoln Counties in 1895.

<sup>4</sup> See headnote to table, page 32.

<sup>5</sup> State total includes population (1) specially enumerated in 1890, not credited to any county.

<sup>6</sup> Less than one-tenth of 1 per cent.



## ABSTRACT OF THE CENSUS—POPULATION.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.																			
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.							
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900						
ILLINOIS—Con.							INDIANA—Con.												
Rock Island.....	424	70,404	55,249	41,917	27.4	31.8	Newton.....	405	10,504	10,448	8,803	0.5	18.7						
St. Clair.....	663	119,870	86,685	66,571	38.3	30.2	Noble.....	417	24,009	23,533	23,359	2.0	0.7						
Saline.....	399	30,204	21,685	19,342	39.3	12.1	Ohio.....	85	4,329	4,724	4,965	-8.4	-4.7						
Sangamon.....	876	91,024	71,593	61,195	27.1	17.0	Orange.....	407	17,192	16,854	14,678	2.0	14.8						
Schuyler.....	432	14,852	16,129	16,013	-7.9	0.7	Owen.....	393	14,053	15,149	15,040	-7.2	0.						
Scott.....	249	10,067	10,455	10,304	-3.7	1.5	Parke.....	447	22,214	23,000	20,296	-3.4	13.						
Shelby.....	772	31,693	32,126	31,191	-1.3	3.0	Perry.....	384	18,078	18,778	18,240	-3.7	2.9						
Stark.....	290	10,098	10,186	9,982	-0.9	2.0	Pike.....	338	19,684	20,486	18,544	-3.9	10.5						
Stephenson.....	559	36,821	34,933	31,338	5.4	11.5	Porter.....	415	20,540	19,175	18,052	7.1	6.2						
Tazewell.....	647	34,027	33,221	29,556	2.4	12.4	Posey.....	402	21,670	22,333	21,529	-3.0	3.7						
Union.....	403	21,856	22,610	21,549	-3.3	4.9	Pulaski.....	432	13,312	14,033	11,233	-5.1	24.9						
Vermilion.....	921	77,996	65,635	49,905	18.8	31.5	Putnam.....	483	20,520	21,478	22,335	-4.5	-3.8						
Wabash.....	220	14,913	12,583	11,866	18.5	6.0	Randolph.....	447	29,013	28,653	28,085	1.3	2.0						
Warren.....	546	23,313	23,163	21,281	0.6	8.8	Ripley.....	448	19,452	19,881	19,350	-2.2	2.7						
Washington.....	561	18,759	19,526	19,262	-3.9	1.4	Rush.....	409	19,349	20,148	19,034	-4.0	5.9						
Wayne.....	733	25,697	27,626	23,806	-7.0	16.0	St. Joseph.....	460	84,312	58,881	42,457	43.2	38.7						
White.....	507	23,052	25,386	25,005	-9.2	1.5	Scott.....	190	8,323	8,307	7,833	0.2	6.1						
Whiteside.....	679	34,507	34,710	30,854	-0.6	12.5	Shelby.....	407	26,802	26,491	25,454	1.2	4.1						
Will.....	844	84,371	74,764	62,007	12.8	20.6	Spencer.....	403	20,676	22,407	22,060	-7.7	1.6						
Williamson.....	449	45,098	27,796	22,226	62.2	25.1	Starke.....	305	10,567	10,431	7,339	1.3	42.1						
Winnebago.....	529	63,153	47,845	39,938	32.0	19.8	Steuben.....	305	14,274	15,219	14,478	-6.2	5.1						
Woodford.....	528	20,506	21,822	21,429	-6.0	1.8	Sullivan.....	460	32,439	26,005	21,877	24.7	18.9						
INDIANA.....							36,045	2,700,876	2,516,462	2,192,404	7.3	14.8	Switzerland.....						
Adams.....	337	21,840	22,232	20,181	-1.8	10.2	Union.....	162	6,260	6,748	7,006	-7.2	-3.7	Tippecanoe.....					
Allen.....	661	93,386	77,270	66,689	20.9	15.9	Vanderburg.....	233	77,438	71,769	59,809	7.9	20.0	Tipton.....					
Bartholomew.....	407	24,813	24,594	23,867	0.9	3.0	Vermilion.....	254	18,865	15,252	13,154	23.7	15.9	260					
Benton.....	408	12,688	13,123	11,903	-3.3	10.2	Vigo.....	409	87,930	62,035	50,195	41.7	23.6	162					
Blackford.....	168	15,820	17,213	10,461	-8.1	64.5	Wabash.....	425	26,926	28,235	27,126	-4.6	4.1	162					
Boone.....	427	24,673	26,321	26,572	-6.3	-0.9	Warren.....	368	10,899	11,371	10,955	-4.2	3.8	162					
Brown.....	324	7,975	9,727	10,308	-18.0	-5.6	Warrick.....	392	21,911	22,329	21,161	-1.9	5.5	162					
Carroll.....	377	17,970	19,953	20,021	-9.9	-0.3	Washington.....	519	17,445	19,409	18,619	-10.1	4.2	162					
Cass.....	416	36,368	34,545	31,152	5.3	10.9	Wayne.....	411	43,757	38,970	37,628	12.3	3.6	162					
Clark.....	375	30,260	31,835	30,259	-4.9	5.2	Wells.....	365	22,418	23,449	21,514	-4.4	9.0	162					
Clay.....	361	32,635	34,285	30,536	-5.1	12.3	White.....	507	17,602	19,138	15,671	-8.0	22.1	162					
Clinton.....	408	26,674	28,202	27,370	-5.4	3.0	Whitley.....	338	16,892	17,328	17,768	-2.5	-2.5	162					
Crawford.....	303	12,057	13,476	13,941	-10.5	-3.3	IOWA.....							55,586	2,234,771	2,231,853	1,912,297	-0.3	16.7
Daviess.....	433	27,747	29,914	26,227	-7.2	14.1	Adair.....	573	14,420	16,192	14,534	-10.9	11.4	573					
Dearborn.....	313	21,396	22,194	23,364	-3.6	-5.0	Adams.....	427	10,998	13,601	12,292	-19.1	10.6	427					
Decatur.....	378	18,793	19,518	19,277	-3.7	1.3	Allamakee.....	639	17,328	18,711	17,907	-7.4	4.5	639					
Dekalb.....	370	25,054	25,711	24,307	-2.6	5.8	Appanoose.....	513	28,701	25,927	18,961	10.7	36.7	513					
Delaware.....	392	51,414	49,624	30,131	3.6	64.7	Audubon.....	443	12,671	13,626	12,412	-7.0	9.8	443					
Dubuque.....	427	19,843	20,357	20,253	-2.5	0.5	Benton.....	712	23,156	25,177	24,178	-8.0	4.1	712					
Elkhart.....	462	49,008	45,052	39,201	8.8	14.9	Blackhawk.....	565	44,855	32,399	24,219	38.5	33.8	565					
Fayette.....	216	14,415	13,495	12,630	6.8	6.8	Boone.....	569	27,626	28,200	23,772	-2.0	18.6	569					
Floyd.....	148	30,293	30,118	29,458	0.6	2.2	Bremer.....	434	15,843	16,305	14,630	-2.8	11.4	434					
Fountain.....	395	20,439	21,446	19,558	-4.7	9.7	Buchanan.....	567	19,748	21,427	18,997	-7.8	12.8	567					
Franklin.....	394	15,335	16,388	18,366	-6.4	-10.8	Buena Vista.....	571	15,981	16,975	13,548	-5.9	25.3	571					
Fulton.....	367	16,879	17,453	16,746	-3.3	4.2	Butler.....	577	17,119	17,955	15,463	-4.7	16.1	577					
Gibson.....	486	30,137	30,099	24,920	0.1	20.8	Calhoun.....	568	17,090	18,569	13,107	-8.0	41.7	568					
Grant.....	423	51,426	54,693	31,493	-6.0	73.7	Cass.....	571	20,117	20,319	18,828	-1.0	7.9	571					
Greene.....	543	36,873	28,530	24,379	29.2	17.0	Cedar.....	570	17,765	19,371	18,253	-8.3	6.1	570					
Hamilton.....	399	27,026	29,914	26,123	-9.7	14.5	Cerro Gordo.....	567	25,011	20,672	14,864	21.0	39.1	567					
Hancock.....	307	19,039	19,189	17,829	-0.8	7.6	Cherokee.....	573	16,741	16,570	15,659	1.0	5.8	573					
Harrison.....	486	20,232	21,702	20,786	-6.8	4.4	Chickasaw.....	497	15,375	17,037	15,019	-9.8	13.4	497					
Hendricks.....	408	20,840	21,292	21,498	-2.1	-1.0	Clarke.....	428	10,736	12,440	11,332	-13.7	9.8	428					
Henry.....	397	29,758	25,088	23,879	18.6	5.1	Clay.....	563	12,766	13,401	9,309	-4.7	44.0	563					
Howard.....	297	33,177	28,575	26,186	16.1	9.1	Clayton.....	762	25,576	27,750	26,733	-7.8	3.8	762					
Huntington.....	386	28,982	28,901	27,644	0.3	4.5	Clinton.....	691	45,394	43,832	41,199	3.6	6.4	691					
Jackson.....	518	24,727	26,633	24,139	-7.2	10.3	Crawford.....	715	20,041	21,685	18,894	-7.6	14.8	715					
Jasper.....	562	13,044	14,292	11,185	-8.7	27.8	Dallas.....	589	23,628	23,058	20,479	2.5	12.6	589					
Jay.....	375	24,961	26,818	23,478	-6.9	14.2	Davis.....	501	13,315	15,620	15,258	-14.8	2.4	501					
Jefferson.....	364	20,483	22,913	24,507	-10.6	-6.5	Decatur.....	533	16,347	18,115	15,643	-9.8	15.8	533					
Jennings.....	383	14,203	15,757	14,608	-9.9	7.9	Delaware.....	571	17,888	19,185	17,349	-6.8	10.6	571					
Johnson.....	322	20,394	20,223	19,561	0.8	3.4	Des Moines.....	409	36,145	35,989	35,324	0.4	1.9	409					
Knox.....	510	39,183	32,746	28,044	19.7	16.8	Dickinson.....	376	8,137	7,995	4,328	1.8	84.7	376					
Kosciusko.....	541	27,936	29,109	28,645	-4.0	1.6	Dubuque.....	601	57,450	56,403	49,848	1.9	13.1	601					
Lagrange.....	387	15,148	15,284	15,615	-0.9	-2.1	Emmet.....	293	9,816	9,936	4,274	-1.2	132.5	293					
Lake.....	492	82,864	37,892	23,886	118.7	58.6	Fayette.....	724	27,919	29,845	23,141	-6.5	29.0	724					
Laporte.....	595	45,797	38,386	34,445	19.3	11.4	Floyd.....	495	17,119	17,754	15,424	-3.6	15.1	495					
Lawrence.....	456	30,625	25,729	19,792	19.0	30.0	Franklin.....	578	14,780	14,996	12,871	-1.4	16.5	578					
Madison.....	450	65,224	70,470	36,487	-7.4	93.1	Fremont.....	507	15,623	18,546	16,842	-15.8	10.1	507					
Marion.....	397	263,661	197,227	141,156	33.7	39.7	Greene.....	574	16,023	17,820	15,797	-10.1	12.8	574					
Marshall.....	441	24,175	25,119	23,818	-3.8	5.5	Grundy.....	501	13,574	13,757	13,215	-1.3	4.1	501					
Martin.....	339	12,950	14,711	13,973	-12.0	5.3	Guthrie.....	595	17,374	18,729	17,380	-7.2	7.8	595					
Miami.....	381	29,350	28,344	25,823	3.5	9.8	Hamilton.....	570	19,242	19,514	15,319	-1.4	27.4	570					
Monroe.....	416	23,426	20,873	17,673	12.2	18.1													
Montgomery.....	501	29,296	29,388	28,025	-0.3	4.9													
Morgan.....																			

\* State total includes population (401) of Indian reservations specially enumerated in 1890, not distributed by counties.



# POPULATION OF COUNTIES.

37

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.													
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
IOWA—Con.							KANSAS—Con.						
Hancock.....	570	12,731	13,752	7,621	-7.4	80.4	Coffey.....	644	15,205	16,643	15,856	-8.6	5.0
Hardin.....	569	20,921	22,794	19,003	-8.2	19.9	Comanche.....	788	3,281	1,619	2,549	102.7	-36.5
Harrison.....	691	23,162	25,597	21,356	-9.5	19.9	Cowley.....	1,133	31,790	30,156	34,478	5.4	-12.5
Henry.....	427	18,640	20,022	18,895	-6.9	6.0	Crawford.....	605	51,178	38,809	30,286	31.9	28.1
Howard.....	468	12,920	14,512	11,182	-11.0	29.8	Decatur.....	891	8,976	9,234	8,414	-2.8	9.7
Humboldt.....	431	12,182	12,667	9,836	-3.8	28.8	Dickinson.....	838	24,361	21,816	22,273	11.7	-2.1
Ida.....	430	11,296	12,327	10,705	-8.4	15.2	Doniphan.....	378	14,422	15,079	13,535	-4.4	111.1
Iowa.....	583	18,469	19,544	18,270	-5.8	7.0	Douglas.....	469	24,724	25,096	23,961	-1.5	4.7
Jackson.....	632	21,258	23,615	22,771	-10.0	3.7	Edwards.....	611	7,033	3,682	3,600	91.0	2.3
Jasper.....	730	27,034	26,976	24,943	0.2	8.2	Elk.....	652	10,128	11,443	12,216	-11.5	-6.3
Jefferson.....	431	15,951	17,437	15,184	-8.5	14.8	Ellis.....	901	12,170	8,626	7,942	41.1	8.6
Johnson.....	610	25,914	24,817	23,082	4.4	7.5	Ellsworth.....	724	10,444	9,626	9,272	8.5	3.8
Jones.....	569	19,050	21,954	20,233	-13.2	8.5	Finney.....	1,276	6,908	3,469	3,350	99.1	3.6
Keokuk.....	578	21,160	24,979	23,802	-15.3	4.7	Ford.....	1,082	11,393	5,497	5,308	107.3	3.6
Kossuth.....	973	21,971	22,720	13,120	-3.3	73.2	Franklin.....	585	20,884	21,354	20,279	-2.2	5.3
Lee.....	511	36,702	39,719	37,715	-7.6	5.3	Geary.....	390	12,681	10,744	10,423	18.0	3.1
Linn.....	709	60,720	55,392	45,303	9.6	22.3	Gove.....	1,080	6,044	2,441	2,994	147.6	-18.5
Louisa.....	396	12,855	13,516	11,873	-4.9	13.8	Graham.....	897	8,700	5,173	5,029	68.2	2.9
Lucas.....	432	13,462	16,126	14,563	-16.5	10.7	Grant.....	578	1,087	422	1,308	157.6	-67.7
Lyon.....	582	14,624	13,165	8,680	11.1	51.7	Gray.....	857	3,121	1,264	2,415	146.9	-47.7
Madison.....	563	15,621	17,710	15,977	-11.8	10.8	Greeley.....	776	1,335	493	1,264	170.8	-61.0
Mahaska.....	568	29,860	34,273	28,805	-12.9	19.0	Greenwood.....	1,158	16,060	16,196	16,309	-0.8	-0.7
Marion.....	563	22,965	24,159	23,058	-4.8	4.8	Hamilton.....	984	3,360	1,426	2,027	135.6	-29.6
Marshall.....	572	30,279	29,991	25,842	1.0	16.1	Harper.....	799	14,748	10,310	13,266	43.0	-22.3
Mills.....	438	15,811	16,764	14,548	-5.7	15.2	Harvey.....	540	19,200	17,591	17,601	9.1	-0.1
Mitchell.....	463	13,435	14,916	13,299	-9.9	12.2	Haskell.....	577	993	457	1,077	117.3	-57.6
Monona.....	686	16,633	17,980	14,515	-7.5	23.9	Hodgeman.....	858	2,930	2,032	2,395	44.2	-15.2
Monroe.....	432	25,429	17,985	13,666	41.4	31.6	Jackson.....	675	16,861	17,117	14,626	-1.5	10.1
Montgomery.....	424	16,604	17,803	15,848	-6.7	12.3	Jefferson.....	543	15,826	17,533	16,620	-9.7	5.5
Muscataine.....	432	29,505	28,242	24,504	4.5	15.3	Jewell.....	900	18,148	19,420	19,349	-0.5	0.4
O'Brien.....	569	17,262	16,985	13,060	1.6	30.1	Johnson.....	486	18,288	18,104	17,385	1.0	4.1
Osceola.....	395	8,956	8,725	5,574	2.6	56.5	Kearny.....	853	3,206	1,107	1,571	189.6	-29.5
Page.....	531	24,002	24,187	21,341	-0.8	13.3	Kingman.....	867	13,386	10,663	11,823	25.5	-9.8
Palo Alto.....	561	13,845	14,354	9,318	-3.5	54.0	Kiowa.....	723	6,174	2,365	2,873	161.1	-17.7
Plymouth.....	856	23,129	22,209	19,568	4.1	13.5	Labette.....	643	31,423	27,387	27,586	14.7	-0.7
Pocahontas.....	576	14,808	15,339	9,533	-3.5	60.6	Lane.....	715	2,603	1,563	2,060	66.5	-24.1
Polk.....	582	110,438	82,624	65,410	33.7	26.3	Leavenworth.....	440	41,207	40,940	38,485	0.7	6.4
Pottawattamie.....	942	55,832	54,336	47,430	2.8	14.6	Lincoln.....	721	10,142	9,886	9,709	2.6	1.8
Poweshiek.....	580	19,589	19,414	18,394	0.9	5.5	Linn.....	613	14,755	16,689	17,215	-11.7	-3.1
Ringgold.....	540	12,904	15,325	13,556	-15.8	13.0	Logan.....	1,082	4,240	1,962	3,384	116.1	-42.0
Sac.....	574	16,555	17,639	14,522	-6.1	21.5	Lyons.....	845	24,927	25,074	23,196	-0.6	8.1
Scott.....	449	60,000	51,558	43,164	16.4	19.4	McPherson.....	900	21,521	21,421	21,614	0.5	-0.9
Shelby.....	589	16,552	17,932	17,611	-7.7	1.8	Marion.....	971	22,415	20,676	20,539	8.4	0.7
Sioux.....	760	25,248	23,337	18,370	8.2	27.0	Marshall.....	905	23,880	24,355	23,912	-2.0	1.9
Story.....	567	24,083	23,159	18,127	4.0	27.8	Meade.....	984	5,055	1,581	2,542	219.7	-37.8
Tama.....	720	22,156	24,585	21,651	-9.9	11.8	Miami.....	602	20,030	21,641	19,614	-7.4	10.3
Taylor.....	534	16,312	18,784	16,384	-13.2	14.6	Mitchell.....	713	14,089	14,647	15,037	-3.8	-2.6
Union.....	427	16,616	19,928	16,900	-16.6	17.9	Montgomery.....	644	49,474	29,039	23,104	70.4	25.7
Van Buren.....	477	15,020	17,354	16,253	-13.4	6.8	Morris.....	696	12,397	11,967	11,381	3.6	5.1
Wapello.....	428	37,743	35,426	30,426	6.5	16.4	Morton.....	718	1,333	304	724	338.5	-58.0
Warren.....	570	18,194	20,376	18,269	-10.7	11.5	Nemaha.....	716	19,072	20,376	19,249	-6.4	5.9
Washington.....	559	19,925	20,718	18,468	-3.8	12.2	Neosho.....	580	23,754	19,254	18,561	23.4	3.7
Wayne.....	524	16,184	17,491	15,670	-7.5	11.6	Ness.....	1,079	5,883	4,535	4,944	29.7	-8.3
Webster.....	714	34,629	31,757	21,582	9.0	47.1	Norton.....	876	11,614	11,325	10,617	2.6	6.7
Winnebago.....	399	11,914	12,725	7,325	-6.4	73.7	Osage.....	718	19,905	23,659	25,062	-15.9	-5.6
Winneshiek.....	686	21,729	23,731	22,528	-8.4	5.3	Osborne.....	894	12,827	11,844	12,083	8.3	-2.0
Woodbury.....	864	67,616	54,610	35,632	23.8	17.7	Ottawa.....	712	11,811	11,182	12,581	5.6	-11.1
Worth.....	399	9,950	10,887	9,247	-8.6	17.7	Pawnee.....	742	8,859	5,084	5,204	74.3	-2.3
Wright.....	575	17,951	18,227	12,057	-1.5	51.2	Phillips.....	887	14,150	14,442	13,661	-2.0	5.7
KANSAS.....							Pottawattamie.....	829	17,522	18,470	17,722	-5.1	4.2
Allen.....	508	27,640	19,507	13,509	41.7	44.4	Pratt.....	726	11,156	7,085	8,118	57.5	-12.7
Anderson.....	577	13,829	13,938	14,203	-0.8	-1.9	Rawlins.....	1,064	6,380	5,241	6,756	21.7	-22.4
Atchison.....	412	28,107	28,606	26,758	-1.7	6.9	Reno.....	1,242	37,853	29,027	27,079	30.4	7.2
Barber.....	1,134	9,916	6,994	7,973	50.4	-17.3	Republic.....	704	17,447	18,248	19,002	-4.4	-4.0
Barton.....	892	17,876	13,784	13,172	29.7	4.6	Rice.....	707	15,106	14,745	14,451	2.4	2.0
Bourbon.....	656	24,007	24,712	28,575	-2.9	-13.5	Riley.....	604	15,783	13,828	13,183	14.1	4.9
Brown.....	571	21,314	22,360	20,319	-4.7	15.3	Roos.....	890	11,282	7,960	8,018	41.7	-0.7
Butler.....	1,434	23,059	23,363	24,055	-1.3	-2.9	Rush.....	719	7,826	6,134	5,204	27.6	17.9
Chase.....	751	7,527	8,246	8,233	-8.7	0.2	Russell.....	895	10,800	8,489	7,333	27.2	15.8
Chautauqua.....	652	11,429	11,804	12,297	-3.2	-4.0	Saline.....	720	20,338	17,076	17,442	19.1	-2.1
Cherokee.....	605	38,162	42,694	27,770	-10.6	53.7	Scott.....	714	3,047	1,098	1,262	177.5	-13.0
Cheyenne.....	1,008	4,248	2,640	4,401	60.9	-40.0	Sedgewick.....	994	73,095	44,037	43,626	66.0	0.9
Clark.....	973	4,093	1,701	2,357	140.6	-27.8	Seward.....	643	4,091	822	1,503	397.7	-45.3
Clay.....	638	15,251	15,833	16,146	-3.7	-1.9	Shawnee.....	544	61,874	53,727	49,172	15.2	9.3
Cloud.....	702	18,388	18,071	19,295	1.8	-6.3	Sheridan.....	896	5,651	3,819	3,733	48.0	2.3

1 See headnote to table, page 32.

2 State total includes population (1,012) of Indian reservations specially enumerated in 1890, not distributed by counties; also population (881) of Garfield County, annexed to Finney County in 1893.

3 For changes in boundaries, etc., of counties, see page 53.



## ABSTRACT OF THE CENSUS—POPULATION.

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.			PER CENT OF INCREASE.		Land area in square miles: 1910		POPULATION.			PER CENT OF INCREASE.	
COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900	COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900
<b>KANSAS—Con.</b>							<b>KENTUCKY—Con.</b>						
Sherman.....	1,049	4,549	3,341	5,261	30.2	—36.5	Knox.....	356	22,116	17,372	13,762	27.3	26.2
Smith.....	888	15,365	16,384	15,613	—6.2	4.9	Larue.....	288	10,701	10,764	9,433	—0.6	14.1
Stafford.....	796	12,510	9,829	8,520	27.3	15.4	Laurel.....	447	19,872	17,392	13,747	13.0	28.0
Stanton.....	685	1,034	327	1,031	216.2	—68.3	Lawrence.....	422	20,067	19,612	17,702	2.3	10.8
Stevens.....	729	2,453	620	1,418	295.6	—56.3	Lee.....	199	9,531	7,988	6,205	19.3	28.7
Sumner.....	1,179	30,654	25,631	30,271	19.6	—15.3	Leslie.....	373	8,976	6,753	3,964	32.9	70.4
Thomas.....	1,065	5,455	4,112	5,538	32.7	—25.7	Letcher.....	355	10,623	9,172	6,920	15.8	32.5
Trego.....	899	5,398	2,722	2,535	98.3	7.4	Lewis.....	491	16,887	17,868	14,803	—5.5	20.7
Wabunsee.....	795	12,721	12,813	11,720	—0.7	9.3	Lincoln.....	338	17,897	17,039	15,962	4.9	6.9
Wallace.....	921	2,759	1,178	2,468	134.2	—52.3	Livingston.....	392	10,627	11,354	9,474	—6.4	19.8
Washington.....	902	20,229	21,963	22,894	—7.9	—4.1	Logan.....	643	24,977	25,994	23,812	—3.9	9.2
Wichita.....	721	2,006	1,197	1,827	67.6	—34.5	Lyon.....	277	9,423	9,319	7,628	1.1	22.2
Wilson.....	581	19,810	15,621	15,286	26.8	2.2	McCracken.....	239	35,064	28,733	21,051	22.0	36.5
Woodson.....	503	9,450	10,022	9,021	—5.7	11.1	McLean.....	253	13,241	12,448	9,887	6.4	25.9
Wyandotte.....	143	100,068	73,227	54,407	36.7	34.6	Madison.....	446	26,951	25,607	24,348	5.2	5.2
<b>KENTUCKY.....</b>	<b>40,181</b>	<b>2,289,905</b>	<b>2,147,174</b>	<b>1,858,635</b>	<b>6.6</b>	<b>15.5</b>	Magoffin.....	302	13,654	12,006	9,196	13.7	30.6
Adair.....	400	16,503	14,888	13,721	10.8	8.5	Marion.....	345	16,330	16,290	15,648	0.2	4.1
Allen.....	394	14,882	14,657	13,692	1.5	7.0	Marshall.....	327	15,771	13,692	11,287	15.2	21.8
Anderson.....	201	10,146	10,651	10,610	0.9	—5.3	Martin.....	227	7,291	5,780	4,209	26.1	37.3
Ballard.....	252	12,690	10,761	8,390	17.9	28.3	Mason.....	227	18,611	20,446	20,773	—9.0	—1.6
Barren.....	485	25,293	23,197	21,490	9.0	7.9	Meade.....	301	9,783	10,533	9,484	—7.1	11.1
Bath.....	270	13,988	14,734	12,813	—5.1	15.0	Menifee.....	203	6,153	6,818	4,666	—9.8	46.1
Bell.....	384	28,447	15,701	10,312	81.2	52.3	Mercer.....	253	14,963	14,426	15,034	—2.5	—4.0
Boone.....	251	9,420	11,170	12,246	—15.7	—8.8	Metcalfe.....	303	10,453	9,988	9,871	4.7	1.2
Bourbon.....	304	17,462	18,009	16,976	—3.4	6.4	Monroe.....	441	13,663	13,053	10,989	4.7	18.8
Boyd.....	159	23,444	18,834	14,033	24.5	34.2	Montgomery.....	198	12,868	12,834	12,367	0.3	3.8
Boyle.....	186	14,668	13,817	12,948	6.2	6.7	Morgan.....	265	16,259	12,792	11,249	27.1	13.7
Bracken.....	204	10,308	12,137	12,369	—15.1	—1.9	Muhlenberg.....	472	28,508	20,741	17,955	37.9	15.5
Breathitt.....	483	17,540	14,322	8,705	22.6	64.5	Nelson.....	411	16,830	16,587	16,417	1.5	1.0
Breckinridge.....	508	21,034	20,534	18,976	2.4	8.2	Nicholas.....	208	10,601	11,952	10,764	—11.3	11.0
Bullitt.....	308	9,487	9,602	8,291	—1.2	15.8	Ohio.....	584	27,642	27,287	22,946	1.3	18.9
Butler.....	417	15,805	15,896	13,956	—0.6	13.9	Oldham.....	180	7,248	7,078	6,754	2.4	4.8
Caldwell.....	322	14,063	14,510	13,186	—3.1	10.0	Owen.....	367	14,248	17,553	17,676	—18.8	—0.7
Calloway.....	412	19,867	17,633	14,675	12.7	20.2	Owsley.....	216	7,979	6,874	5,975	16.1	15.0
Campbell.....	145	59,369	54,223	44,208	9.5	22.7	Pendleton.....	279	11,985	14,947	16,346	—19.8	—8.6
Carlisle.....	198	9,048	10,195	7,612	—11.3	33.9	Perry.....	335	11,255	8,276	6,331	36.0	30.7
Carroll.....	132	8,110	9,825	9,266	—17.5	6.0	Pike.....	779	31,679	22,686	17,378	39.6	30.5
Carter.....	413	21,966	20,228	17,304	8.6	17.6	Powell.....	181	6,268	6,443	4,698	—2.7	37.1
Causey.....	379	15,479	15,144	11,848	2.2	27.8	Pulaski.....	779	35,986	31,293	25,731	15.0	21.6
Christian.....	725	38,845	37,962	34,118	2.3	11.3	Robertson.....	109	4,121	4,900	4,684	—15.9	4.6
Clark.....	265	17,987	16,694	15,434	7.7	8.2	Rockcastle.....	310	14,473	12,416	9,841	16.6	26.2
Clay.....	478	17,789	15,364	12,447	15.8	23.4	Rowan.....	272	9,438	8,277	6,129	14.0	35.0
Clinton.....	233	8,153	7,871	7,047	3.6	11.7	Russell.....	329	10,861	9,695	8,136	12.0	19.2
Crittenden.....	371	13,296	15,191	13,119	—12.5	15.8	Scott.....	299	16,956	18,076	16,546	—6.2	9.2
Cumberland.....	387	9,846	8,962	8,452	9.9	6.0	Shelby.....	477	18,041	18,340	16,521	—1.6	11.7
Daviess.....	478	41,020	38,667	33,120	6.1	16.7	Simpson.....	216	11,460	11,624	10,878	—1.4	6.9
Edmonson.....	308	10,469	10,080	8,005	3.9	25.9	Spencer.....	186	7,567	7,406	6,760	2.2	9.6
Elliott.....	263	9,814	10,387	9,214	—5.5	12.7	Taylor.....	279	11,961	11,075	9,353	8.0	18.4
Estill.....	254	12,273	11,669	10,836	5.2	7.7	Todd.....	367	16,488	17,371	16,814	—5.1	3.3
Fayette.....	269	47,715	42,071	35,698	13.4	17.9	Trigg.....	428	14,539	14,073	13,902	3.3	1.2
Fleming.....	325	16,066	17,074	16,078	—5.9	6.2	Trimble.....	154	6,512	7,272	7,140	—10.5	1.8
Floyd.....	399	18,623	15,552	11,256	19.7	38.2	Union.....	325	19,886	21,326	18,229	—6.8	17.0
Franklin.....	199	21,135	20,852	21,267	1.4	—2.0	Warren.....	530	30,579	29,970	30,158	2.0	—0.6
Fulton.....	193	14,114	11,546	10,006	22.2	15.4	Washington.....	299	13,940	14,182	13,672	—1.7	4.1
Gallatin.....	109	4,607	5,163	4,611	—9.0	12.0	Wayne.....	590	17,518	14,892	12,112	17.6	15.9
Garrard.....	237	11,894	12,042	11,138	—1.2	8.1	Webster.....	344	20,974	20,097	17,196	4.4	16.9
Grant.....	264	10,581	13,239	12,671	—20.1	4.5	Whitley.....	585	31,982	25,015	1,590	27.9	42.2
Graves.....	551	33,539	33,204	28,534	1.0	16.4	Wolfe.....	230	9,864	8,764	7,180	12.6	22.1
Grayson.....	497	19,968	19,878	18,688	0.4	6.4	Woodford.....	195	12,571	13,134	12,380	—4.3	6.1
Green.....	279	11,871	12,255	11,463	—3.1	6.9							
Greenup.....	346	18,475	15,432	11,911	19.7	29.6	<b>LOUISIANA<sup>1</sup>.....</b>						
Hancock.....	193	8,512	8,914	9,214	—4.5	—3.3	Acadia.....	647	31,847	23,483	13,231	35.6	77.5
Hardin.....	606	22,696	22,937	21,304	—1.1	7.7	Ascension.....	291	23,887	24,142	19,545	—1.1	23.5
Harlan.....	478	10,566	9,838	6,197	7.4	58.8	Assumption.....	484	24,128	21,620	19,629	11.6	10.1
Harrison.....	311	16,873	18,570	16,914	—9.1	9.8	Avoyelles.....	847	34,102	29,701	25,112	14.8	18.3
Hart.....	430	18,173	18,390	16,439	—1.2	11.9	Bienville.....	848	21,776	17,588	14,108	23.8	24.7
Henderson.....	435	29,352	32,907	29,536	—10.8	11.4	Bossier.....	863	21,738	24,153	20,330	—1.0	18.8
Henry.....	303	13,716	14,620	14,164	—6.2	3.2	Caddo.....	890	58,200	44,499	31,555	30.8	41.0
Hickman.....	225	11,750	11,745	11,657	(*)	0.9	Calcasieu.....	3,650	62,767	30,428	20,176	106.3	50.8
Hopkins.....	546	34,291	30,995	23,505	10.6	31.9	Caldwell.....	531	8,593	6,917	5,814	24.2	19.0
Jackson.....	333	10,734	10,561	8,261	1.6	27.8	Cameron.....	1,501	4,288	3,932	2,828	8.5	39.7
Jefferson.....	387	262,920	232,549	188,598	13.1	23.3	Catahoula.....	718	10,415	16,351	12,002	—36.3	36.2
Jessamine.....	172	12,613	11,925	11,248	5.8	6.0	Clabourne.....	778	25,050	23,029	23,312	8.8	—1.2
Johnson.....	268	17,482	13,730	11,027	27.3	24.5	Concordia.....	714	14,278	13,559	14,871	5.3	—8.8
Kenton.....	103	70,355	63,591	54,161	10.6	17.4	De Soto.....	872	27,689	25,063	19,860	10.5	26.2
Knott.....	348	10,791	8,704	5,438	24.0	60.1	East Baton Rouge.....	455	34,580	31,153	25,922	11.0	20.2

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.<sup>2</sup> Less than one-tenth of 1 per cent.<sup>3</sup> Subdivisions are designated as parishes.<sup>4</sup> State total includes population (1) specially enumerated in 1890, not credited to any parish.



# POPULATION OF COUNTIES.

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## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.													
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>LOUISIANA—</b>							<b>MARYLAND—</b>						
Con.							Con.						
East Carroll.....	420	11,637	11,373	12,362	2.3	—8.0	Frederick.....	663	52,673	51,920	49,512	1.5	4.9
East Feliciana.....	464	20,055	20,443	17,903	—1.9	14.2	Garrett.....	685	20,105	17,701	14,213	13.6	24.5
Franklin.....	630	11,989	8,890	6,900	34.9	28.8	Harford.....	442	27,965	28,269	28,993	—1.1	—2.5
Grant.....	683	15,938	12,902	8,270	23.7	56.0	Howard.....	250	16,106	16,715	16,209	—3.0	2.7
Iberia.....	589	31,262	29,015	20,997	7.7	38.2	Kent.....	282	16,957	18,786	17,471	—9.7	7.5
Iberville.....	584	30,954	27,006	21,848	14.6	23.6	Montgomery.....	521	32,089	30,451	27,185	5.4	12.0
Jackson.....	578	13,818	9,119	7,453	51.5	22.4	Prince Georges.....	482	36,147	29,898	26,080	20.9	14.6
Jefferson.....	425	18,247	15,321	13,221	19.1	15.9	Queen Annes.....	365	16,839	18,364	18,461	—8.3	—0.5
La Salle <sup>1</sup> .....	640	9,402					St. Marys.....	371	17,030	17,182	15,819	—0.9	8.6
Lafayette.....	279	28,733	22,825	15,966	25.9	43.0	Somerset.....	331	26,455	25,923	24,155	2.1	7.3
Lafourche.....	991	33,111	28,882	22,095	14.6	30.7	Talbot.....	268	19,620	20,342	19,736	—3.5	3.1
Lincoln.....	472	18,485	15,898	14,753	16.3	7.8	Washington.....	459	49,617	45,133	39,782	9.9	13.5
Livingston.....	662	10,627	8,100	5,769	31.2	40.4	Wicomico.....	371	26,815	22,852	19,930	17.3	14.7
Madison.....	630	10,676	12,322	14,135	—13.4	—12.8	Worcester.....	495	21,841	20,865	19,747	4.7	5.7
Morehouse.....	831	18,786	16,634	16,786	12.9	—0.9							
Natchitoches.....	1,289	36,455	33,216	25,836	9.8	28.6	<b>MASSACHUSETTS</b>						
Orleans.....	200	339,075	287,104	242,039	18.1	18.6	Barnstable.....	409	27,542	27,826	29,172	—1.0	—4.6
Oumchita.....	642	25,830	20,947	17,985	23.3	16.5	Berkshire.....	966	105,259	95,667	81,108	10.0	18.0
Plaquemines.....	1,005	12,524	13,039	12,541	—3.9	4.0	Bristol.....	567	318,573	252,029	186,465	26.4	35.2
Pointe Coupee.....	576	25,289	25,777	19,613	—1.9	31.4	Dukes.....	107	4,504	4,561	4,369	—1.2	4.4
Rapides.....	1,370	44,545	39,578	27,642	12.5	43.2	Essex.....	497	436,477	357,030	299,995	22.3	19.0
Red River.....	400	11,402	11,548	11,318	—1.3	2.0	Franklin.....	697	43,600	41,209	38,610	5.8	6.7
Riehlard.....	565	15,769	11,116	10,230	41.9	8.7	Hampden <sup>1</sup> .....	636	231,369	175,603	135,713	31.8	29.4
Sabine.....	1,020	19,874	15,421	9,390	28.9	64.2	Hampshire <sup>1</sup> .....	585	63,327	58,820	51,839	7.7	13.4
St. Bernard.....	616	5,277	5,031	4,326	4.9	16.3	Middlesex <sup>1</sup> .....	832	669,915	565,696	431,167	18.4	31.2
St. Charles.....	295	11,207	9,072	7,737	23.5	17.3	Nantucket.....	51	2,962	3,006	3,268	—1.5	—8.0
St. Helena.....	420	9,172	8,479	8,062	8.2	5.2	Norfolk <sup>1</sup> .....	410	187,506	151,539	118,950	23.7	27.4
St. James.....	254	23,009	20,197	15,715	13.9	28.5	Plymouth.....	675	144,337	113,985	92,700	26.6	23.0
St. John the Baptist	231	14,338	12,330	11,359	16.3	8.5	Suffolk <sup>1</sup> .....	51	731,388	611,417	484,780	19.6	26.1
St. Landry.....	1,645	66,661	52,906	40,250	26.0	31.4	Worcester.....	1,556	399,657	346,958	280,787	15.2	23.6
St. Martin.....	525	23,070	18,940	14,884	21.8	27.3							
St. Mary.....	632	39,368	34,145	22,416	15.3	52.3	<b>MICHIGAN</b>						
St. Tammany.....	906	18,917	13,335	10,160	41.9	31.3	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Tangipahoa.....	790	29,160	17,625	12,655	65.4	39.3	Alger.....	920	7,675	5,868	1,238	30.8	374.0
Tensas.....	632	17,060	19,070	16,647	—10.5	14.6	Allegan.....	833	39,819	38,812	38,961	2.6	—0.4
Terrebonne.....	1,756	28,320	24,464	20,167	15.8	21.3	Alpena.....	584	19,965	18,264	15,581	9.4	17.2
Union.....	918	20,451	18,520	17,304	10.4	7.0	Antrim.....	475	15,692	16,508	10,413	—5.3	59.1
Vermilion.....	1,213	26,390	20,705	14,234	27.5	45.5	Arenac.....	374	9,640	9,821	5,683	—1.8	72.8
Vernon.....	1,367	17,384	10,327	5,903	68.3	74.9	Baraga.....	917	6,127	4,320	3,036	41.8	42.3
Washington.....	655	18,886	9,628	6,700	96.2	43.7	Barry.....	566	22,633	22,514	23,783	0.5	—5.3
Webster.....	609	19,186	15,125	12,466	26.8	21.3	Bay.....	443	68,238	62,378	56,412	9.4	10.6
West Baton Rouge..	214	12,636	10,285	8,363	22.9	23.0	Benzie.....	314	10,638	9,685	5,237	9.8	84.9
West Carroll.....	366	6,249	3,685	3,748	69.6	—1.7	Berrien.....	569	53,622	49,165	41,285	9.1	19.1
West Feliciana.....	352	13,449	15,994	15,062	—15.9	6.2	Branch.....	497	25,605	27,811	26,791	—7.9	3.8
Winn.....	969	18,357	9,648	7,082	90.3	36.2	Calhoun.....	693	56,638	49,315	43,501	14.8	13.4
							Cass.....	493	20,624	20,876	20,933	—1.2	—0.4
<b>MAINE</b>							Charlevoix <sup>1</sup> .....	411	19,157	13,966	9,686	37.3	44.1
Androscoggin.....	459	59,822	54,242	48,968	10.3	10.8	Cheboygan.....	725	17,872	15,516	11,986	15.2	29.5
Aroostook.....	6,453	74,664	60,744	49,589	22.9	22.5	Chippewa.....	1,573	24,472	21,338	12,019	14.7	77.5
Cumberland.....	853	112,014	100,689	90,949	11.2	10.7	Clare.....	582	9,240	8,360	7,568	10.5	10.6
Franklin.....	1,789	19,119	18,444	17,053	3.7	8.2	Clinton.....	571	23,129	25,136	26,509	—8.0	—5.2
Hancock.....	1,522	35,575	37,241	37,312	—4.5	—0.2	Crawford.....	575	3,934	2,943	2,962	33.7	—0.6
Kennebec.....	879	62,863	59,117	57,012	6.3	3.7	Delta.....	1,169	30,108	23,881	15,330	26.1	55.8
Knox.....	351	28,981	30,406	31,473	—4.7	—3.4	Dickinson <sup>1</sup> .....	776	20,524	17,890		14.7	
Lincoln.....	457	18,216	19,669	21,996	—7.4	—10.6	Eaton.....	571	30,499	31,668	32,094	—3.7	—1.3
Oxford.....	1,980	36,256	32,238	30,586	12.5	5.4	Emmet <sup>1</sup> .....	4.5	18,561	15,931	8,756	16.5	81.9
Penobscot.....	3,258	85,285	76,246	72,865	11.9	4.6	Genesee.....	655	64,555	41,804	39,430	54.4	6.0
Piscataquis.....	3,770	19,887	16,949	16,134	17.3	5.1	Gladwin.....	519	8,413	6,564	4,208	28.2	56.0
Sagadahoc.....	250	18,574	20,330	19,452	—8.6	4.5	Gogebic.....	1,133	23,333	16,738	13,166	39.4	27.1
Somerset.....	3,633	36,301	33,849	32,627	7.2	3.7	Grand Traverse.....	467	23,784	20,479	13,355	16.1	53.3
Waldo.....	724	23,383	24,185	27,759	—3.3	—12.9	Gratiot.....	579	28,820	29,889	28,668	—3.6	4.3
Washington.....	2,528	42,905	45,232	44,482	—5.1	1.7	Hillsdale.....	597	29,673	29,865	30,660	—0.6	—2.6
York.....	989	68,526	64,885	62,829	5.6	3.3	Houghton.....	1,019	88,098	66,063	35,389	33.4	86.7
							Huron.....	854	34,758	34,162	28,545	1.7	19.7
<b>MARYLAND</b>							Ingham.....	553	53,310	39,818	37,666	33.9	5.7
Allegany.....	443	62,411	53,694	41,571	16.2	29.2	Ionia.....	579	33,550	34,329	32,801	—2.3	4.7
Anne Arundel.....	432	39,553	39,620	34,094	—0.2	16.2	Iosco.....	570	9,753	10,246	15,224	—4.8	—32.7
Baltimore.....	650	122,349	90,755	72,909	34.8	24.5	Iron <sup>1</sup> .....	1,200	15,164	8,990	4,432	68.7	102.8
Baltimore city.....	30	558,485	508,957	434,439	9.7	17.2	Isabella.....	572	23,029	22,784	18,784	1.1	21.3
Calvert.....	218	10,325	10,223	9,860	1.0	3.7	Jackson.....	707	53,426	48,222	45,031	10.8	7.1
Caroline.....	319	19,216	16,248	13,903	18.3	16.9	Kalamazoo.....	562	60,427	44,310	39,273	36.4	12.8
Carroll.....	447	33,934	33,860	32,376	0.2	4.6	Kalkaska.....	573	8,097	7,133	5,160	13.5	38.2
Cecil.....	377	23,759	24,662	25,851	—3.7	—4.6	Kent.....	860	159,145	129,714	109,922	22.7	18.0
Charles.....	464	16,386	17,662	15,191	—7.2	16.3	Keweenaw <sup>1</sup> .....	554	7,156	3,217	2,894	122.4	11.2
Dorchester.....	576	28,669	27,962	24,843	2.5	12.6	Lake.....	579	4,939	4,967	6,505	—0.4	—23.8
							Lapeer.....	666	26,033	27,641	29,213	—5.8	—5.4
							Leelanau <sup>1</sup> .....	338	10,608	10,556	7,944	0.5	32.9

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.

<sup>2</sup> State total includes population (4) specially enumerated in 1890, not credited to any county.

<sup>3</sup> State total includes population (1) specially enumerated in 1890, not credited to any county; also, population (995) of Manitou and Isle Royal Counties, annexed to Charlevoix, Leelanau, and Keweenaw Counties in 1896 and 1897.



## ABSTRACT OF THE CENSUS—POPULATION.

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.			PER CENT OF INCREASE.		COUNTY.		POPULATION.			PER CENT OF INCREASE.	
COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900	COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900
<b>MICHIGAN—</b>							<b>MINNESOTA—</b>						
Con.							Con.						
Lenawee.....	743	47,907	48,406	48,448	-1.0	-0.1	Koochiching <sup>1</sup> .....	3,141	6,431	14,289	10,382	8.0	37.6
Livingston.....	568	17,736	19,664	20,858	-9.8	-5.7	Lac qui Parle.....	790	15,435	14,289	10,382	8.0	37.6
Luce.....	920	4,004	2,983	2,455	34.2	21.5	Lake.....	2,099	8,011	4,654	1,299	72.1	258.3
Mackinac.....	1,044	9,249	7,703	7,830	20.1	-1.6	Le Sueur.....	466	18,609	20,234	19,057	-8.0	6.2
Macomb.....	472	32,606	33,244	31,813	-1.9	4.5	Lincoln.....	535	9,874	8,966	5,091	10.1	57.5
Manistee.....	562	26,688	27,856	24,230	-4.2	15.0	Lyon.....	708	15,722	14,591	9,501	7.8	53.6
Marquette <sup>1</sup> .....	1,870	46,739	41,239	39,521	13.3	4.3	McLeod.....	496	18,691	19,595	17,026	-4.6	15.1
Mason.....	494	21,832	18,885	16,385	15.6	15.3	Mahnomen <sup>1</sup> .....	572	3,249	13,325	13,325	5.1	71.8
Mecona.....	571	19,466	20,693	19,697	-5.9	5.1	Marshall.....	1,788	16,338	15,698	9,130	4.1	71.9
Menominee <sup>1</sup> .....	1,056	25,648	27,046	33,639	-5.2	-19.6	Martin.....	719	17,518	16,936	9,403	3.4	80.1
Midland.....	529	14,005	14,439	10,657	-3.0	35.5	Meeker.....	621	17,022	17,753	15,456	-4.1	14.9
Missaukee.....	582	10,606	9,308	5,048	13.9	84.4	Mille Lacs.....	583	10,705	8,066	2,845	32.7	183.5
Monroe.....	573	32,917	32,754	32,337	0.5	1.3	Morrison.....	1,143	24,053	22,891	13,325	5.1	71.8
Montcalm.....	724	32,069	32,754	32,637	-2.1	0.4	Mower.....	711	22,640	22,335	18,019	1.4	24.0
Montmorency.....	561	3,755	3,234	1,487	16.1	117.5	Murray.....	704	11,755	11,911	6,692	-1.3	78.0
Muskegon.....	504	40,577	37,036	40,013	9.6	-7.4	Nicollet.....	443	14,125	14,774	13,382	-4.4	10.4
Newaygo.....	851	19,220	17,673	20,476	8.8	-13.7	Nobles.....	722	15,210	14,932	7,958	1.9	87.6
Oakland.....	886	49,576	44,792	41,245	10.7	8.6	Norman <sup>1</sup> .....	860	13,446	15,045	10,618	-10.6	41.7
Oceana.....	543	18,379	16,644	15,698	10.4	6.0	Olmsted.....	666	22,497	23,119	19,806	-2.7	16.7
Ogemaw.....	580	8,907	7,765	5,583	14.7	39.1	Otter Tail.....	2,039	46,036	45,375	34,232	1.5	32.6
Ontonagon.....	1,333	8,650	6,197	3,756	39.6	65.0	Pennington <sup>1</sup> .....	607	9,376	11,546	4,052	37.5	184.9
Osceola.....	577	17,889	17,859	14,630	0.2	22.1	Pine.....	1,413	15,878	9,264	5,132	3.1	80.5
Oscoda.....	576	2,027	1,468	1,904	38.1	-22.9	Pipestone.....	409	9,553	9,264	5,132	3.1	80.5
Otsego.....	528	6,552	6,175	4,272	6.1	44.5	Polk <sup>1</sup> .....	1,979	36,001	35,429	30,192	1.6	17.3
Ottawa.....	565	45,301	39,667	35,358	14.2	12.2	Pope.....	693	12,746	12,577	10,032	1.3	25.4
Presque Isle.....	678	11,249	8,821	4,687	27.5	88.2	Ramsey.....	161	223,675	170,554	139,796	31.1	22.0
Roscommon.....	538	2,274	1,787	2,033	27.3	-12.1	Red Lake <sup>1</sup> .....	432	6,564	12,195	12,195	-46.2	.....
Saginaw.....	828	89,290	81,222	82,273	9.9	-1.3	Redwood.....	881	18,425	17,261	9,386	6.7	83.9
St. Clair.....	710	52,341	55,228	52,105	-5.2	6.0	Renville.....	978	23,123	23,693	17,099	-2.4	38.6
St. Joseph.....	503	25,499	23,889	25,356	6.7	-5.8	Rice.....	495	25,911	26,080	23,968	-0.6	8.8
Sanilac.....	976	33,930	35,055	32,589	-3.2	7.6	Rock.....	492	10,222	9,668	6,817	5.7	41.8
Schoolcraft.....	1,207	8,681	7,889	5,818	10.0	35.6	Roseau <sup>1</sup> .....	1,670	11,338	6,994	62.1	.....	
Shiawassee.....	557	33,246	33,896	30,952	-1.8	9.4	St. Louis.....	6,503	163,274	82,932	44,862	96.9	482.9
Tuscola.....	827	34,913	35,890	32,508	-2.7	10.4	Scott.....	366	14,888	15,147	13,831	-1.7	9.5
Van Buren.....	617	33,185	33,274	30,541	-0.3	8.9	Sherburne.....	448	8,136	7,281	5,908	11.7	23.2
Washtenaw.....	704	44,714	47,761	42,210	-6.4	13.2	Sibley.....	585	15,540	16,862	15,199	-7.8	10.9
Wayne.....	620	531,391	348,793	257,114	52.4	35.7	Stearns.....	1,362	47,733	44,464	34,844	7.4	27.6
Wexford.....	577	20,769	16,845	11,278	23.3	49.4	Steele.....	431	16,146	16,524	13,232	-2.3	24.9
<b>MINNESOTA.....</b>							<b>MISSISSIPPI.....</b>						
80,858 2,075,708 1,751,394 1,310,283 18.5 33.7							46,362 1,797,114 1,551,270 1,289,600 15.8 20.3						
Aitkin.....	1,830	10,371	6,743	2,462	53.8	173.9	Stevens.....	564	8,293	8,721	5,251	-4.9	66.1
Anoka.....	1,539	12,493	11,313	9,884	10.4	14.5	Swift.....	741	12,949	13,503	10,161	-4.1	32.9
Becker.....	1,349	18,840	14,375	9,401	31.1	52.9	Todd.....	957	23,407	22,214	12,030	5.4	71.8
Beltrami <sup>1</sup> .....	3,822	19,337	11,030	312	75.3	42,950.3	Traverse.....	568	8,049	7,573	4,516	6.3	67.7
Benton.....	405	11,615	9,912	6,284	17.2	57.7	Wabasha.....	541	18,554	18,924	16,972	-2.0	11.5
Big Stone.....	491	9,367	8,731	5,722	7.3	52.6	Wadena.....	538	8,652	7,921	4,053	9.2	95.4
Blue Earth.....	762	29,337	32,263	29,210	-9.1	10.5	Waseca.....	431	13,466	14,760	13,313	-8.8	10.9
Brown.....	612	20,134	19,787	15,817	1.8	25.1	Washington.....	397	26,013	27,808	25,992	-6.5	7.0
Carlton.....	867	17,559	10,017	5,272	75.3	83.0	Watsonwan.....	434	11,382	11,496	7,746	-1.0	48.4
Carver.....	376	17,455	17,544	16,532	-0.5	6.1	Wilkin.....	745	9,053	8,080	4,346	12.2	85.9
Cass <sup>1</sup> .....	2,104	11,629	7,777	1,247	49.4	432.7	Winona.....	637	33,398	35,686	33,797	-6.4	5.6
Chippewa.....	591	13,458	12,499	8,555	7.7	46.1	Wright.....	691	28,082	29,157	24,164	-3.7	20.7
Chisago.....	427	13,537	13,248	10,359	2.2	27.9	Yellow Medicine.....	749	15,406	14,602	9,854	5.5	48.2
Clay.....	1,043	19,640	17,942	11,517	9.5	55.8	<b>MISSISSIPPI.....</b>						
Clearwater <sup>1</sup> .....	1,019	6,870	.....	.....	.....	.....	46,362	1,797,114	1,551,270	1,289,600	15.8	20.3	
Cook.....	1,498	1,336	810	98	64.9	.....	Adams.....	426	25,265	30,111	26,031	-16.1	15.7
Cottonwood.....	640	12,651	12,069	7,412	4.8	62.8	Alcorn.....	386	18,159	14,987	13,115	21.2	14.3
Crow Wing <sup>1</sup> .....	1,057	16,861	14,250	8,832	18.3	61.0	Amite.....	714	22,954	20,708	18,198	10.8	13.8
Dakota.....	599	25,171	21,733	20,240	15.8	7.4	Attala.....	715	28,851	26,248	22,213	9.9	18.2
Dodge.....	440	12,094	13,340	10,864	-9.3	22.8	Benton.....	396	10,245	10,510	10,585	-2.5	-0.7
Douglas.....	648	17,669	17,964	14,606	-1.6	23.0	Bolivar.....	879	48,905	35,427	29,980	38.0	18.2
Faribault.....	719	19,949	22,665	16,708	-9.4	32.0	Calhoun.....	579	17,726	16,512	14,688	7.4	12.4
Fillmore.....	868	25,680	28,238	25,966	-9.1	8.7	Carroll.....	624	23,139	22,116	18,773	4.6	17.8
Freeborn.....	735	22,282	21,838	17,962	2.0	21.6	Chickasaw.....	501	22,846	19,892	19,891	14.9	( <sup>2</sup> )
Goodhue.....	767	31,637	31,137	28,896	1.6	8.1	Choctaw.....	414	14,357	13,036	10,847	10.1	20.2
Grant.....	553	9,114	8,935	6,875	2.0	30.0	Clallam.....	489	17,403	20,787	14,516	-16.3	43.2
Hennepin.....	565	333,480	228,340	185,294	46.0	23.2	Clarke.....	675	21,630	17,741	15,826	21.9	12.1
Houston.....	570	14,297	15,400	14,653	-7.2	5.1	Clay.....	408	20,203	19,563	18,607	3.3	5.1
Hubbard <sup>1</sup> .....	958	9,831	6,578	1,412	49.5	355.9	Coahoma.....	530	34,217	26,293	18,342	30.1	43.3
Isanti.....	442	12,615	11,675	7,607	8.1	53.5	Copiah.....	709	35,914	34,395	30,233	4.4	13.8
Itasca <sup>1</sup> .....	2,730	17,208	4,573	743	276.3	425.0	Covington <sup>1</sup> .....	410	16,909	13,076	8,299	29.3	57.6
Jackson.....	702	14,491	14,793	8,924	-2.0	65.8	De Soto.....	475	23,130	24,751	24,183	-6.5	2.3
Kanabec.....	534	6,461	4,614	1,579	40.0	192.2	Forrest <sup>1</sup> .....	462	20,722	.....	.....	.....	.....
Kandiyohi.....	801	18,969	18,416	13,997	3.0	31.6	Franklin.....	547	15,193	13,678	10,424	11.1	31.2
Kittson <sup>1</sup> .....	1,111	9,669	7,889	5,387	22.6	46.4	George <sup>1</sup> .....	475	6,599	.....	.....	.....	.....

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.<sup>2</sup> State total includes population (3,486 in 1900) of White Earth Indian Reservation not returned by counties in 1900; returned in 1910 in Becker, Clearwater, and Mahanomen Counties.<sup>3</sup> State total includes population (8,457) of Indian reservations specially enumerated in 1890, not distributed by counties.<sup>4</sup> See headnote to table, page 32.<sup>5</sup> Less than one-tenth of 1 per cent.



## POPULATION OF COUNTIES.

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## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.													
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>MISSISSIPPI—</b>							<b>MISSOURI—</b>						
Greene <sup>1</sup> .....	710	6,050	6,795	3,906	-11.0	74.0	Cape Girardeau.....	580	27,621	24,315	22,060	13.6	10.2
Grenada.....	442	15,727	14,112	14,974	11.4	-5.8	Carroll.....	703	23,098	26,455	26,742	-12.7	2.8
Hancock <sup>1</sup> .....	469	11,207	11,886	8,318	-5.7	42.9	Carter.....	506	5,504	6,706	4,659	-17.9	43.9
Harrison.....	1,013	34,658	21,002	12,481	65.0	68.3	Cass.....	721	22,973	23,636	23,301	-2.8	1.4
Hinds.....	858	63,726	52,577	39,279	21.2	33.9	Cedar.....	498	16,080	16,923	15,620	-5.0	8.3
Holmes.....	834	39,088	36,828	39,370	6.1	18.9	Chariton.....	768	23,503	26,826	26,254	-12.4	2.2
Issaquena.....	406	10,500	10,400	12,318	1.5	-15.6	Christian.....	553	15,832	16,939	14,017	-6.5	20.8
Itawamba.....	529	14,526	13,544	11,708	7.3	15.7	Clark.....	498	12,811	15,383	15,126	-16.7	1.7
Jackson <sup>1</sup> .....	710	15,451	16,513	11,251	-6.4	46.8	Clay.....	402	20,302	18,903	19,856	-7.4	-4.8
Jasper.....	667	18,498	15,394	14,785	20.2	4.1	Clinton.....	423	15,297	17,363	17,138	-11.9	1.3
Jefferson.....	507	18,221	21,292	18,947	-14.4	12.4	Cole.....	389	21,957	20,578	17,281	6.7	19.1
Jefferson Davis <sup>1</sup> .....	404	12,800					Cooper.....	558	20,311	22,532	22,707	-9.9	-0.8
Jones.....	696	29,885	17,846	8,333	67.5	114.2	Crawford.....	747	13,576	12,959	11,961	4.8	8.3
Kemper.....	752	20,348	20,492	17,961	-0.7	14.1	Dade.....	501	15,613	18,125	17,526	-13.9	3.4
Lafayette.....	664	21,883	22,110	20,553	-1.0	7.6	Dallas.....	543	13,181	13,903	12,647	-5.2	9.9
Lamar <sup>1</sup> .....	495	11,741					Davies.....	564	17,605	21,325	20,456	-17.4	4.2
Lauderdale.....	700	46,919	38,150	29,661	23.0	28.6	DeKalb.....	425	12,531	14,418	14,539	-13.1	-0.8
Lawrence <sup>1</sup> .....	418	13,080	15,103	12,318	-13.4	22.6	Dent.....	746	13,245	12,986	12,149	2.0	6.9
Leake.....	576	18,298	17,360	14,803	5.4	17.3	Douglas.....	804	16,664	16,802	14,111	-0.8	19.1
Lee.....	448	28,894	21,956	20,040	31.6	9.6	Dunklin.....	530	30,328	21,706	15,085	39.7	43.9
Leflore.....	572	36,290	23,834	16,869	52.3	41.3	Franklin.....	879	29,830	30,581	28,056	-2.5	9.0
Lincoln.....	578	28,597	21,552	17,912	32.7	20.3	Gasconade.....	514	12,847	12,298	11,706	4.5	5.1
Lowndes.....	499	30,703	29,095	27,047	5.5	7.6	Gentry.....	490	16,820	20,554	19,018	-18.2	8.1
Madison.....	725	33,505	32,493	27,321	3.1	18.9	Greene.....	667	63,831	52,713	48,616	21.1	8.4
Marion <sup>1</sup> .....	624	15,599	13,501	9,532	13.5	41.6	Grundy.....	433	16,744	17,832	17,876	-6.1	-0.2
Marshall.....	689	26,796	27,674	26,043	-3.2	6.3	Harrison.....	721	20,466	24,398	21,033	-16.1	16.0
Monroe.....	770	35,178	31,216	30,730	12.7	1.6	Henry.....	744	27,242	28,054	28,235	-2.9	-0.6
Montgomery.....	398	17,706	16,536	14,459	7.1	14.4	Hickory.....	407	8,741	9,985	9,453	-12.5	5.6
Neshoba.....	561	17,980	12,726	11,146	41.3	14.2	Holt.....	446	14,539	17,083	15,469	-14.9	10.4
Newton.....	568	23,085	19,708	16,625	17.1	18.5	Howard.....	468	15,653	18,337	17,371	-14.6	5.6
Noxubee.....	682	28,503	30,846	27,338	-7.6	12.8	Howell.....	915	21,065	21,824	18,618	-3.5	17.3
Oktibbeha.....	457	19,676	20,183	17,694	-2.5	14.1	Iron.....	553	8,563	8,716	9,119	-1.8	-4.4
Panola.....	696	31,274	29,027	26,977	7.7	7.6	Jackson.....	610	283,522	196,193	160,510	45.3	21.6
Pearl River <sup>1</sup> .....	707	10,593	6,697	2,957	58.2	126.5	Jasper.....	635	89,673	84,018	50,500	6.7	66.4
Perry <sup>1</sup> .....	644	7,685	14,082	6,494	-47.7	126.1	Jefferson.....	681	27,878	25,712	22,484	8.4	14.4
Pike.....	707	37,272	27,545	21,203	35.3	29.9	Johnson.....	831	26,297	27,843	28,132	-5.6	-1.0
Pontotoc.....	494	19,688	18,274	14,940	7.7	22.3	Knox.....	514	12,403	13,479	13,591	-8.0	-0.2
Prentiss.....	409	16,931	15,788	13,679	7.2	15.4	Laclede.....	753	17,363	16,523	14,701	5.1	12.4
Quitman.....	395	11,593	5,435	3,286	113.3	65.4	Lafayette.....	612	30,154	31,679	30,184	-4.8	5.0
Rankin.....	791	23,944	20,955	17,922	14.3	16.9	Lawrence.....	609	26,583	31,662	26,228	-16.0	20.7
Scott.....	597	16,723	14,316	11,740	16.8	21.9	Lewis.....	504	15,514	16,724	15,935	-7.2	5.0
Sharkey.....	444	15,094	12,178	8,382	28.9	45.3	Lincoln.....	607	17,033	18,352	18,346	-7.2	( <sup>1</sup> )
Simpson.....	575	17,201	12,800	10,138	34.4	26.3	Linn.....	626	25,253	25,503	24,121	-1.0	5.7
Smith.....	626	16,603	13,055	10,635	27.2	22.8	Livingston.....	531	19,453	22,302	20,668	-12.8	7.9
Sunflower.....	690	28,787	16,084	9,384	79.0	71.4	McDonald.....	527	13,539	13,574	11,283	-0.3	20.3
Tallahatchie.....	629	29,078	19,600	14,361	48.4	36.5	Macon.....	809	30,868	33,018	30,575	-6.5	8.0
Tate.....	400	19,714	20,618	19,253	-4.4	7.1	Madison.....	499	11,273	9,975	9,298	13.0	7.6
Tippah.....	446	14,631	12,983	12,951	12.7	0.2	Marion.....	520	10,088	9,616	8,600	4.9	11.8
Tishomingo.....	428	13,067	10,124	9,302	29.1	8.8	Marion.....	436	30,572	26,331	26,233	16.1	0.4
Tunica.....	418	18,646	16,479	12,158	13.2	35.5	Mercer.....	453	12,355	14,706	14,581	-16.1	0.9
Union.....	412	18,997	16,522	15,606	15.0	5.9	Miller.....	593	16,717	15,187	14,162	10.1	7.2
Warren.....	572	37,488	40,912	33,164	-8.4	23.4	Mississippi.....	413	14,557	11,837	10,134	23.0	16.8
Washington.....	877	48,933	49,216	40,414	-0.6	21.8	Moniteau.....	410	14,375	15,931	15,630	-9.8	1.9
Wayne.....	812	14,709	12,539	9,817	17.3	27.7	Monroe.....	666	18,304	19,716	20,790	-7.2	-5.2
Webster.....	416	14,853	13,619	12,060	9.1	12.9	Montgomery.....	514	15,604	16,571	16,850	-5.8	-1.7
Wilkinson.....	667	18,075	21,453	17,592	-15.7	21.9	Morgan.....	614	12,863	12,175	12,311	5.7	-1.1
Winston.....	597	17,139	14,124	12,089	21.3	16.8	New Madrid.....	652	19,488	11,280	9,317	72.8	21.1
Yalobusha.....	490	21,519	19,742	16,629	9.0	18.7	Newton.....	622	27,136	27,001	22,108	0.5	22.1
Yazoo.....	1,038	46,672	43,948	36,394	6.2	20.8	Nodaway.....	871	28,833	32,938	30,914	-12.5	6.5
							Oregon.....	778	14,681	13,906	10,467	5.6	32.9
<b>MISSOURI.....</b>													
Adair.....	571	22,700	21,728	17,417	4.5	24.8	Osage.....	593	14,283	14,096	13,080	1.3	7.8
Andrew.....	428	15,282	17,332	16,000	-11.8	8.3	Ozark.....	746	11,926	12,145	9,795	-1.8	24.0
Atchison.....	528	13,604	16,501	15,533	-17.6	6.2	Pemiscot.....	436	19,559	12,115	5,975	61.4	102.8
Audrain.....	685	21,687	21,160	22,074	2.5	-4.1	Perry.....	462	14,898	15,134	13,257	-1.6	14.3
Barry.....	784	23,869	25,532	22,943	-6.5	11.3	Pettis.....	685	33,913	32,438	31,151	4.5	4.1
Barton.....	596	16,747	18,253	18,504	-8.3	-1.4	Phelps.....	670	15,796	14,194	12,636	11.3	12.3
Bates.....	870	25,869	30,141	32,223	-14.2	-6.5	Pike.....	653	22,556	25,744	26,321	-12.4	-2.2
Benton.....	745	14,881	16,556	14,973	-10.1	10.6	Platte.....	415	14,429	16,193	16,248	-10.9	-0.3
Bollinger.....	609	14,576	14,650	13,121	-0.5	11.7	Polk.....	641	21,561	23,255	20,339	-7.3	14.3
Boone.....	688	30,533	28,642	26,043	6.6	10.0	Pulaski.....	542	11,438	10,394	9,387	10.0	10.7
Buchanan.....	408	93,020	121,838	70,100	-23.7	73.8	Putnam.....	517	14,308	16,688	15,365	-14.3	8.6
Butler.....	699	20,624	16,769	10,164	23.0	65.0	Rails.....	481	12,913	12,287	12,294	5.1	-0.1
Caldwell.....	433	14,005	16,656	15,152	-12.3	9.9	Randolph.....	491	26,182	24,442	24,893	7.1	-1.8
Callaway.....	808	24,400	25,984	25,131	-6.1	3.4	Ray.....	505	21,451	24,805	24,215	-13.5	2.4
Camden.....	687	11,582	13,113	10,040	-11.7	30.6	Reynolds.....	828	9,592	8,161	6,803	17.5	20.0

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.<sup>2</sup> State total includes population (1) specially enumerated in 1890, not credited to any county.<sup>3</sup> Less than one-tenth of 1 per cent.



ated in 1890, not distributed by counties.



# POPULATION OF COUNTIES.

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## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.																		
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.						
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900					
NEVADA—Con.						NEW YORK						47,654	9,113,614	7,268,894	6,003,174	25.4	21.1	
Eureka.....	4,157	1,830	1,954	3,275	—6.3	—40.3	Albany.....	527	173,666	155,571	164,555	4.9	0.6					
Humboldt.....	15,857	6,825	4,463	3,434	52.9	30.0	Allegany.....	1,047	41,412	41,701	43,240	—0.2	—4.0					
Lander.....	5,721	1,786	1,534	2,266	16.4	—32.3	Broome.....	705	78,809	69,149	62,973	14.0	9.8					
Lincoln <sup>1</sup> .....	10,511	3,489	3,284	2,466	6.2	27.6	Cattaraugus.....	1,343	65,919	65,643	60,866	0.4	4.6					
Lyon.....	1,509	3,568	2,268	1,987	57.3	14.1	Cayuga.....	703	67,106	66,234	65,302	1.3	1.4					
Nye.....	18,294	7,513	1,140	1,290	559.0	—11.6	Chautauqua.....	1,069	105,126	88,314	75,202	19.0	17.4					
Ormsby.....	156	3,415	2,893	4,883	18.0	—40.8	Chemung.....	407	54,662	54,063	45,265	1.1	12.0					
Storey.....	251	3,045	3,673	8,806	—17.1	—58.3	Chenango.....	894	35,575	36,568	37,776	—2.7	—3.2					
Washoe.....	6,251	17,434	9,141	6,437	90.7	31.1	Clinton.....	1,049	48,230	47,430	46,437	1.7	2.1					
White Pine.....	8,795	7,441	1,961	1,721	279.4	13.9	Columbia.....	644	43,658	43,211	46,172	1.0	—6.4					
N. HAMPSHIRE						9,031	430,672	411,585	376,530	4.6	9.3							
Belknap.....	397	21,309	19,526	20,321	9.1	—3.9	Cortland.....	503	29,249	27,576	28,657	6.1	—3.8					
Carroll.....	955	16,316	16,895	18,124	—3.4	—6.8	Delaware.....	1,449	45,575	46,413	45,496	—1.8	2.0					
Cheshire.....	728	30,659	31,321	29,579	—2.1	5.9	Dutchess.....	806	87,661	81,670	77,879	7.3	4.9					
Coos.....	1,798	30,753	29,468	23,211	4.4	27.0	Erie.....	1,034	528,985	433,686	322,981	22.0	33.9					
Grafton.....	1,729	41,652	40,844	37,217	2.0	9.7	Essex.....	1,836	33,458	30,707	33,052	9.0	—7.1					
Hillsborough.....	895	126,072	112,640	93,247	11.9	20.8	Franklin.....	1,678	45,717	42,853	38,110	6.7	19.2					
Merrimack.....	932	53,335	52,430	49,435	1.7	6.1	Fulton.....	516	44,534	42,842	37,650	3.9	13.8					
Rockingham.....	691	52,188	51,118	49,650	2.1	3.0	Genesee.....	496	37,615	34,561	33,265	8.8	12.9					
Strafford.....	379	38,951	39,337	38,442	—1.0	2.3	Greene.....	643	30,214	31,478	31,598	—4.0	—0.4					
Sullivan.....	527	19,337	18,009	17,304	7.4	4.1	Hamilton.....	1,700	4,373	4,947	4,762	—11.6	3.9					
NEW JERSEY						7,514	2,837,167	1,883,609	1,444,933	34.7	30.4							
Atlantic.....	509	71,894	46,402	28,836	54.9	60.9	Herkimer.....	1,450	56,356	51,049	45,608	10.4	11.9					
Bergen.....	237	138,002	78,441	47,226	75.9	66.1	Jefferson.....	1,274	80,382	76,748	68,806	4.7	11.5					
Burlington.....	815	66,565	58,241	58,528	14.3	—0.5	Kings.....	70	1,634,351	1,166,582	838,547	40.1	39.1					
Camden.....	222	142,029	107,643	87,867	31.9	22.8	Lewis.....	1,270	24,849	27,427	29,806	—9.4	—8.0					
Cape May.....	265	19,745	13,201	11,268	49.6	17.2	Livingston.....	631	38,037	37,059	37,801	2.6	—2.0					
Cumberland.....	500	55,153	51,193	45,438	7.7	13.7	Madison.....	650	39,789	40,545	42,892	—3.1	—5.5					
Essex.....	127	512,886	359,053	256,098	42.8	40.2	Monroe.....	663	283,212	217,854	189,586	30.0	14.9					
Gloucester.....	332	37,368	31,905	28,649	17.1	11.4	Montgomery.....	398	57,567	47,488	45,699	21.2	3.9					
Hudson.....	43	537,231	386,048	275,126	39.2	40.3	Nassau <sup>1</sup> .....	274	83,930	55,448	.....	51.4	.....					
Hunterdon.....	437	33,509	34,507	35,355	—2.7	—2.4	New York <sup>1</sup> .....	63	2,762,522	2,050,600	1,515,301	34.7	35.3					
Mercer.....	226	125,657	95,365	79,978	31.8	19.2	Niagara.....	522	92,036	74,961	62,491	22.8	19.4					
Middlesex.....	312	114,426	79,762	61,754	43.5	29.2	Oneida.....	1,250	154,157	132,800	122,922	16.1	8.0					
Monmouth.....	479	94,734	82,057	69,128	15.4	18.7	Onondaga.....	781	200,298	168,735	146,247	18.7	15.0					
Morris.....	475	74,704	65,156	54,101	14.7	20.4	Ontario.....	649	52,286	49,605	48,453	5.4	2.4					
Ocean <sup>1</sup> .....	637	21,318	19,747	15,974	8.0	23.6	Orange.....	834	115,001	103,839	97,859	11.7	6.1					
Passaic.....	196	215,902	155,202	105,046	39.1	47.7	Orleans.....	396	32,000	30,164	30,803	6.1	—2.1					
Salem.....	343	26,999	25,530	25,151	5.8	1.5	Oswego.....	966	71,664	70,881	71,883	1.1	—1.4					
Somerset.....	305	38,820	32,948	28,311	17.8	16.4	Otsego.....	1,009	47,216	48,939	50,861	—3.5	—3.8					
Sussex.....	529	26,781	24,134	22,259	11.0	8.4	Putnam.....	213	14,665	13,787	14,849	6.4	—7.2					
Union.....	103	140,197	99,353	72,467	41.1	37.1	Queens <sup>1</sup> .....	105	254,041	152,999	128,059	85.6	19.5					
Warren.....	362	43,187	37,781	36,553	14.3	3.4	Rensselaer.....	663	122,276	121,697	124,511	0.5	—2.3					
NEW MEXICO						122,503	327,301	195,310	160,282	67.6	21.9	Richmond.....	48	85,969	67,021	61,693	28.3	29.7
Bernalillo <sup>1</sup> .....	1,214	23,606	28,630	20,913	—17.5	33.4	Rockland.....	183	46,873	38,298	35,162	22.4	8.9					
Chaves <sup>1</sup> .....	9,408	16,850	4,773	.....	253.0	.....	St. Lawrence.....	2,701	89,005	89,083	85,043	—0.1	4.7					
Colfax <sup>1</sup> .....	3,798	16,460	10,150	7,974	62.2	27.3	Saratoga.....	823	61,917	61,089	57,663	1.4	5.9					
Curry <sup>1</sup> .....	1,406	11,443	10,187	9,191	26.6	10.8	Schenectady.....	206	88,235	46,832	29,797	88.3	57.2					
Dona Ana <sup>1</sup> .....	3,821	12,893	10,187	9,191	26.6	10.8	Schoharie.....	642	23,855	26,854	29,164	—11.2	—7.9					
Eddy <sup>1</sup> .....	6,923	12,400	3,229	.....	284.0	.....	Schuyler.....	336	14,004	15,811	16,711	—11.4	—5.4					
Grant <sup>1</sup> .....	7,428	14,813	12,883	9,657	15.0	33.4	Seneca.....	336	26,972	28,114	28,227	—4.1	—0.4					
Guadalupe <sup>1</sup> .....	3,987	10,927	5,429	.....	101.3	.....	Steuben.....	1,401	83,362	82,822	81,473	0.7	1.7					
Lincoln <sup>1</sup> .....	4,779	7,822	4,953	7,081	57.9	—30.1	Suffolk.....	924	96,138	77,582	62,491	23.9	24.1					
Luna <sup>1</sup> .....	2,976	3,913	.....	.....	.....	.....	Sullivan.....	1,002	33,808	32,306	31,031	4.6	4.1					
McKinley <sup>1</sup> .....	5,506	12,963	.....	.....	.....	.....	Tioga.....	520	25,624	27,951	29,935	—8.3	—6.6					
Mora <sup>1</sup> .....	2,571	12,611	10,304	10,618	22.4	—3.0	Tompkins.....	476	33,647	33,830	32,923	—0.5	2.8					
Otero <sup>1</sup> .....	6,689	7,009	4,791	.....	47.5	.....	Ulster.....	1,140	91,769	88,422	87,062	3.8	1.6					
Quay <sup>1</sup> .....	2,905	14,912	.....	.....	.....	.....	Warren.....	879	32,223	29,943	27,866	7.6	7.5					
Rio Arriba <sup>1</sup> .....	5,871	16,624	13,777	11,534	20.7	12.3	Washington.....	837	47,778	45,624	45,690	4.7	—0.1					
Roosevelt <sup>1</sup> .....	2,265	12,064	.....	.....	.....	.....	Wayne.....	799	50,179	48,660	49,729	3.1	—2.1					
San Juan <sup>1</sup> .....	5,476	8,504	4,828	1,890	76.1	63.0	Westchester <sup>1</sup> .....	448	283,055	184,257	146,772	53.6	25.5					
San Miguel <sup>1</sup> .....	4,798	22,930	22,053	24,204	4.0	—8.9	Wyoming.....	601	31,880	30,413	31,193	4.8	—2.5					
Sandoval <sup>1</sup> .....	3,871	8,579	.....	.....	.....	.....	Yates.....	343	18,642	20,318	21,001	—8.2	—3.3					
Santa Fe <sup>1</sup> .....	1,973	14,770	14,658	13,562	0.8	8.1	N. CAROLINA						48,740	2,206,287	1,893,810	1,617,949	16.5	17.1
Sierra.....	3,118	3,536	3,158	3,630	12.0	—13.0	Alamance.....	492	28,712	25,665	18,271	11.9	40.5					
Socorro <sup>1</sup> .....	15,070	14,761	12,195	9,595	21.0	27.1	Alexander.....	289	11,592	10,960	9,430	5.8	16.2					
Taos.....	2,252	12,008	10,889	9,868	10.3	10.3	Alleghany.....	234	7,745	7,759	6,523	—0.2	18.9					
Torrance <sup>1</sup> .....	3,399	10,119	.....	.....	.....	.....	Anson.....	556	25,465	21,870	20,027	16.4	9.2					
Union <sup>1</sup> .....	5,370	11,404	4,528	.....	151.9	.....	Ashe.....	427	19,074	19,581	15,628	—2.6	25.3					
Valencia <sup>1</sup> .....	5,659	13,320	13,895	13,876	—4.1	0.1	Beaufort.....	840	30,877	26,404	21,072	16.9	25.3					
							Bertie.....	703	23,039	20,538	19,176	12.2	7.1					
							Bladen.....	1,004	18,006	17,677	16,763	1.9	5.5					
							Brunswick.....	790	14,432	12,657	10,900	14.0	16.1					
							Buncombe.....	639	49,738	44,288	35,266	12.4	25.6					

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.

<sup>2</sup> See headnote to table, page 32.

<sup>3</sup> State total includes population (6,680) of Indian reservations specially enumerated in 1890, not distributed by counties.

<sup>4</sup> State total includes population (5,321) of Indian reservations specially enumerated in 1890, not distributed by counties.

<sup>5</sup> State total includes population (2) specially enumerated in 1890 not credited to any county.



## ABSTRACT OF THE CENSUS—POPULATION.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.			PER CENT OF INCREASE.		COUNTY.		POPULATION.			PER CENT OF INCREASE.	
COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900	COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900
N. CAROLINA— Con.							N. CAROLINA— Con.						
Burke.....	534	21,408	17,699	14,939	21.0	18.5	Scotland <sup>1</sup> .....	349	15,363	12,553	.....	22.4	.....
Cabarrus.....	390	26,240	22,456	18,142	16.9	23.8	Stanly.....	416	19,909	15,220	12,136	30.8	25.4
Caldwell.....	512	20,579	15,694	12,298	31.1	27.6	Stokes.....	480	20,151	19,866	17,199	1.4	15.5
Camden.....	220	5,640	5,474	5,667	3.0	-3.4	Surry.....	520	29,705	25,515	19,281	16.4	32.3
Carteret.....	573	13,776	11,811	10,825	16.6	9.1	Swain.....	553	10,403	8,401	6,577	23.8	27.7
Caswell.....	402	14,858	15,028	16,028	-1.1	-6.2	Transylvania.....	379	7,191	6,620	5,881	8.6	12.6
Catawba.....	408	27,918	22,133	18,689	26.1	18.4	Tyrrell.....	390	5,219	4,980	4,225	4.8	17.9
Chatham <sup>1</sup> .....	696	22,635	23,912	25,413	-5.3	-5.9	Union.....	565	33,277	27,156	21,259	22.5	27.7
Cherokee.....	454	14,136	11,860	9,976	19.2	18.9	Vance.....	279	19,425	16,684	17,581	16.4	-5.1
Chowan.....	165	11,303	10,258	9,167	10.2	11.9	Wake.....	845	63,229	54,626	49,307	15.7	11.0
Clay.....	220	3,909	4,532	4,197	-13.7	8.0	Warren.....	425	20,266	19,151	19,360	5.8	-1.1
Cleveland.....	488	29,494	25,078	20,394	17.6	23.0	Washington.....	327	11,062	10,608	10,200	4.3	4.0
Columbus.....	933	28,020	21,274	17,856	31.7	19.1	Watauga.....	342	13,556	13,417	10,611	1.0	26.4
Craven.....	600	25,594	24,160	20,533	5.9	17.7	Wayne.....	615	35,698	31,356	26,100	13.8	20.1
Cumberland.....	1,013	35,284	29,249	27,321	20.6	7.1	Wilkes.....	735	30,282	26,872	22,675	12.7	18.5
Curruck.....	292	7,693	6,529	6,747	17.8	-3.2	Wilson.....	384	28,269	23,596	18,644	19.8	26.6
Dare.....	377	4,841	4,757	3,768	1.8	26.2	Yadkin.....	324	15,428	14,083	13,790	9.6	2.1
Davidson.....	569	29,404	23,403	21,702	25.6	7.8	Yancey.....	298	12,072	11,464	9,490	5.3	20.8
Davie.....	258	13,394	12,115	11,621	10.6	4.3	N. DAKOTA.....						
Duplin.....	783	25,442	22,405	18,690	13.6	19.9	Adams <sup>1</sup> .....	997	5,407	.....	.....	.....	.....
Durham.....	291	35,276	26,233	18,041	34.5	45.4	Barnes.....	1,510	18,066	13,159	7,045	37.3	86.8
Durham.....	509	32,010	26,591	24,113	20.4	10.3	Benson.....	1,364	12,681	8,320	2,460	52.4	186.7
Forsyth.....	376	47,311	35,261	28,434	34.2	24.0	Billings <sup>1</sup> .....	3,404	10,186	975	170	944.7	473.5
Franklin.....	468	24,692	25,116	21,090	-1.7	19.1	Bottineau <sup>1</sup> .....	1,681	17,295	7,532	2,893	129.6	160.4
Gaston.....	371	37,063	27,903	17,764	32.8	57.1	Bowman <sup>1</sup> .....	1,164	4,668	.....	6	.....	.....
Gates.....	330	10,455	10,413	10,252	0.4	1.6	Burke <sup>1</sup> .....	1,113	9,064	.....	.....	.....	.....
Graham.....	298	4,749	4,343	3,313	9.3	31.1	Burke <sup>1</sup> .....	1,651	13,087	6,081	4,247	115.2	43.2
Granville.....	503	25,102	23,263	24,484	7.9	-5.0	Burke <sup>1</sup> .....	1,763	33,935	28,625	19,613	18.6	45.9
Greene.....	232	13,083	12,038	10,039	8.7	19.9	Cavalier.....	1,494	15,659	12,580	6,471	24.5	94.4
Guilford.....	691	60,497	39,074	28,052	54.8	39.3	Dickey.....	1,142	9,839	6,061	5,573	62.3	8.8
Hallfax.....	676	37,646	30,793	28,908	22.3	6.5	Divide <sup>1</sup> .....	1,270	6,015	.....	.....	.....	.....
Harnett.....	595	22,174	15,988	13,700	38.7	16.7	Dunn <sup>1</sup> .....	2,084	5,302	.....	.....	.....	.....
Haywood.....	546	21,020	16,222	13,346	29.6	21.5	Eddy.....	651	4,800	3,330	1,377	44.1	141.8
Henderson.....	358	16,262	14,104	12,589	15.3	12.0	Emmons.....	1,563	9,796	4,349	1,971	125.2	120.6
Hertford.....	341	15,436	14,294	13,851	8.0	3.2	Foster.....	644	5,313	3,770	1,210	40.9	211.6
Hyde.....	617	8,840	9,278	8,903	-4.7	4.2	Grand Forks.....	1,433	27,888	24,430	18,357	14.0	33.2
Iredell.....	588	34,315	29,064	25,462	18.1	14.1	Griggs.....	717	6,274	4,744	2,817	32.3	68.4
Jackson.....	494	12,998	11,853	9,512	9.7	24.6	Hettinger <sup>1</sup> .....	1,132	6,557	.....	.....	.....	.....
Johnston.....	694	41,401	32,250	27,239	28.4	18.4	Kidder.....	1,386	5,962	1,754	1,211	239.9	44.8
Jones.....	417	8,721	8,226	7,403	6.0	11.1	Lamoure.....	1,147	10,724	6,048	3,187	77.3	89.8
Lee <sup>1</sup> .....	261	11,376	.....	.....	.....	.....	Logan.....	997	6,168	1,625	597	279.6	172.2
Lenoir.....	397	22,769	18,639	14,879	22.2	25.3	McHenry <sup>1</sup> .....	1,888	17,627	5,253	1,384	235.6	231.6
Lincoln.....	299	17,132	15,498	12,586	10.5	14.9	McIntosh.....	1,003	7,251	4,818	3,248	50.5	48.3
McDowell.....	443	13,538	12,567	10,939	7.7	19.8	McKenzie <sup>1</sup> .....	2,847	5,720	.....	3	.....	.....
Macon.....	513	12,191	12,104	10,102	0.7	19.8	McLean <sup>1</sup> .....	2,305	14,496	4,791	860	202.6	341.6
Madison.....	436	20,132	20,644	17,805	-2.5	15.9	Mercer <sup>1</sup> .....	1,110	4,747	1,778	428	167.0	306.1
Martin.....	438	17,797	15,383	15,221	15.7	1.1	Morton.....	4,742	25,289	10,277	5,239	146.1	54.0
Mecklenburg.....	597	67,031	55,268	42,673	21.3	29.5	Mountrail <sup>1</sup> .....	1,914	8,491	.....	.....	.....	.....
Mitchell.....	371	17,245	15,221	12,807	13.3	18.8	Nelson.....	981	10,140	7,316	4,293	38.6	70.4
Montgomery.....	498	14,967	14,197	11,239	5.4	26.3	Oliver.....	720	3,577	990	464	261.3	113.4
Moore <sup>1</sup> .....	639	17,010	23,622	20,479	-28.0	15.3	Pembina.....	1,117	14,749	17,869	14,334	-17.5	24.7
Nash.....	586	33,727	25,478	20,707	32.4	23.0	Pierce <sup>1</sup> .....	1,055	9,740	4,765	905	104.4	426.5
New Hanover.....	216	32,037	25,785	24,026	24.2	7.3	Ramsey.....	1,205	15,199	9,198	4,418	65.2	108.2
Northampton.....	504	22,323	21,150	21,242	5.5	-0.4	Ransom.....	860	10,345	6,919	5,393	49.5	28.3
Onslow.....	743	14,125	11,940	10,303	18.3	15.9	Renville <sup>1</sup> .....	899	7,840	.....	.....	.....	.....
Orange.....	390	15,064	14,090	14,948	2.5	-1.7	Richland.....	1,437	19,659	17,387	10,751	13.1	61.7
Pamlico.....	350	9,966	8,045	7,146	23.9	12.6	Rolette.....	918	9,558	7,995	2,427	19.5	130.8
Pasquotank.....	223	16,693	13,660	10,748	22.2	27.1	Sargent.....	855	9,202	6,039	5,076	52.4	19.0
Pender.....	815	15,471	13,381	12,514	15.6	6.9	Sheridan <sup>1</sup> .....	996	8,103	.....	.....	.....	.....
Perquimans.....	252	11,054	10,091	9,293	9.5	8.6	Stark <sup>1</sup> .....	1,356	12,504	7,621	2,304	64.1	230.8
Person.....	391	17,356	16,685	15,151	4.0	10.1	Steele.....	717	7,616	5,888	3,777	29.3	55.9
Pitt.....	627	36,340	30,889	25,519	17.6	21.0	Stutsman.....	2,282	18,189	9,143	5,266	98.9	73.6
Polk.....	251	7,640	7,004	5,902	9.1	18.7	Towner.....	1,037	8,963	6,491	1,450	38.1	347.7
Randolph.....	803	29,491	28,232	25,195	4.5	12.1	Traill.....	865	12,545	13,107	10,217	-4.3	28.3
Richmond <sup>1</sup> .....	521	19,673	15,855	23,948	24.1	-33.8	Walsh.....	1,282	19,491	20,288	16,587	-3.9	22.3
Robeson.....	1,051	51,945	40,371	31,483	28.7	28.2	Ward <sup>1</sup> .....	2,054	25,281	7,961	1,681	217.6	373.6
Rockingham.....	579	36,442	33,163	25,363	9.9	30.8	Wells.....	1,293	11,814	8,310	1,212	42.2	585.0
Rowan.....	489	32,355	31,066	24,123	20.8	28.8	Williams <sup>1</sup> .....	2,138	14,234	1,530	.....	830.3	.....
Rutherford.....	544	28,385	25,101	18,770	13.1	33.7							
Sampson.....	922	29,982	26,380	25,096	13.7	5.1							

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.<sup>2</sup> State total includes population (8,264) of Indian reservations specially enumerated in 1890, not distributed by counties; population (875) of Buford and Flannery Counties, taken to form part of Williams County between 1890 and 1900; and population (563) of Church, Garfield, Stevens, and Wallace Counties, and old Hettinger, Mountrail, Renville, Sheridan, and Williams Counties, annexed to Bottineau, McLean, McHenry, Pierce, Ward, Stark, and Mercer Counties between 1890 and 1900.<sup>3</sup> See headnote to table, page 32.<sup>4</sup> Includes population (2,208) of part of Standing Rock Indian Reservation, not returned by counties in 1900.<sup>5</sup> Includes population (511) of Fort Yates and Standing Rock Indian Agency.



# POPULATION OF COUNTIES.

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## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.													
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
OHIO—Con.							OHIO—Con.						
Adams.....	546	24,755	26,328	26,093	-6.0	0.9	Licking.....	609	55,590	47,070	43,279	18.1	8.8
Allen.....	406	56,580	47,976	40,644	17.9	18.0	Logan.....	451	30,084	30,420	27,386	-1.1	11.1
Ashland.....	421	22,975	21,184	22,223	8.5	-4.7	Lorain.....	497	76,037	54,857	40,295	38.6	36.1
Ashtabula.....	723	59,547	51,448	43,655	15.7	17.9	Lucas.....	342	192,728	153,559	102,296	25.5	50.1
Athens.....	487	47,798	38,730	35,194	23.4	10.0	Madison.....	497	19,902	20,590	20,057	-3.3	2.7
Auglaize.....	397	31,246	31,192	28,100	0.2	11.0	Mahoning.....	427	116,151	70,134	55,979	65.6	25.3
Belmont.....	530	76,856	60,875	57,413	26.3	6.0	Marion.....	409	33,971	28,678	24,727	18.5	16.0
Brown.....	481	24,832	28,237	29,899	-12.1	-5.6	Medina.....	435	23,598	21,958	21,742	7.5	1.0
Butler.....	452	70,271	56,870	48,597	23.6	17.0	Meigs.....	412	25,594	28,620	29,813	-10.6	-4.0
Carroll.....	387	15,761	16,811	17,566	-6.2	-4.3	Mercer.....	450	27,536	28,021	27,220	-1.7	2.9
Champaign.....	421	26,351	26,642	26,980	-1.1	-1.3	Miami.....	408	45,047	43,105	39,754	4.5	8.4
Clark.....	407	66,435	58,939	52,277	12.7	12.7	Monroe.....	448	24,244	27,031	25,175	-10.3	7.4
Clermont.....	465	29,551	31,610	33,553	-6.5	-5.8	Montgomery.....	455	163,763	130,146	100,852	25.8	29.0
Clinton.....	411	23,680	24,202	24,240	-2.2	-0.2	Morgan.....	402	16,097	17,905	19,143	-10.1	-6.5
Columbiana.....	534	76,619	68,590	59,029	11.7	16.2	Morrow.....	403	16,815	17,879	18,120	-6.0	-1.3
Coshocton.....	558	30,121	29,337	26,703	2.7	9.9	Muskingum.....	664	57,488	53,185	51,210	8.1	3.9
Crawford.....	409	34,036	33,915	31,927	0.4	6.2	Noble.....	399	18,601	19,466	20,753	-4.4	-6.2
Cuyahoga.....	463	637,425	439,120	309,970	45.2	41.7	Ottawa.....	270	22,360	22,213	21,974	0.7	1.1
Darke.....	586	42,933	42,532	42,961	0.9	-1.0	Paulding.....	413	22,730	27,528	25,932	-17.4	6.2
Defiance.....	405	24,498	26,387	25,769	-7.2	2.4	Perry.....	399	35,396	31,841	31,151	11.2	2.2
Delaware.....	445	27,182	26,401	27,189	3.0	-2.9	Pickaway.....	490	26,158	27,016	26,959	-3.2	0.2
Erle.....	256	38,327	37,650	35,462	1.8	6.2	Pike.....	428	15,723	18,172	17,482	-13.5	3.9
Fairfield.....	495	39,201	34,259	33,939	14.4	0.9	Portage.....	521	30,307	29,246	27,868	3.6	4.9
Fayette.....	413	21,744	21,725	22,309	0.1	-2.6	Preble.....	416	23,834	23,713	23,421	0.5	1.2
Franklin.....	517	221,567	164,460	124,087	34.7	32.5	Putnam.....	482	29,972	32,525	30,188	-7.8	7.7
Fulton.....	405	23,914	22,801	22,023	4.9	3.5	Richland.....	503	47,667	44,289	38,072	7.6	16.3
Gallia.....	449	25,745	27,918	27,005	-7.8	3.4	Ross.....	668	40,069	40,940	39,454	-2.1	3.8
Geauga.....	416	14,670	14,744	13,489	-0.5	9.3	Sandusky.....	413	35,171	34,311	30,617	2.5	12.1
Greene.....	415	29,733	31,613	29,820	-5.9	6.0	Scioto.....	623	48,463	40,981	35,377	18.3	15.8
Guernsey.....	518	42,716	34,425	28,645	24.1	20.2	Seneca.....	550	42,421	41,163	40,869	3.1	0.7
Hamilton.....	407	460,732	409,479	374,573	12.5	9.3	Shelby.....	413	24,663	24,625	24,707	0.2	-0.3
Hancock.....	535	37,860	41,993	42,563	-9.8	-1.3	Stark.....	506	122,987	94,747	84,170	29.8	12.6
Hardin.....	473	30,407	31,187	28,939	-2.5	7.8	Summit.....	408	108,253	71,715	54,089	50.9	32.6
Harrison.....	401	19,076	20,486	20,830	-6.9	-1.7	Trumbull.....	633	52,766	46,591	42,373	13.3	10.0
Henry.....	414	25,119	27,282	25,080	-7.9	8.8	Tuscarawas.....	555	57,035	53,751	46,618	6.1	15.3
Highland.....	549	28,711	30,982	29,048	-7.3	6.7	Union.....	446	21,871	22,342	22,860	-2.1	-2.3
Hocking.....	411	23,650	24,398	22,658	-3.1	7.7	Van Wert.....	406	29,119	30,394	29,671	-4.2	2.4
Holmes.....	418	17,900	19,511	21,139	-8.2	-7.7	Vinton.....	412	13,096	15,330	16,045	-14.6	-4.5
Huron.....	494	34,206	32,330	31,949	5.8	1.2	Warren.....	413	24,497	25,584	25,468	-4.2	0.5
Jackson.....	404	30,791	34,248	28,408	-10.1	20.6	Washington.....	630	45,422	48,245	42,380	-5.9	13.8
Jefferson.....	407	65,423	44,357	39,415	47.5	12.5	Wayne.....	557	38,058	37,870	39,005	0.5	-2.9
Knox.....	513	30,181	27,768	27,600	8.7	0.6	Williams.....	411	25,198	24,933	24,897	1.0	0.2
Lake.....	241	22,927	21,680	18,235	5.8	18.9	Wood.....	612	46,330	51,555	44,392	-10.1	16.1
Lawrence.....	443	39,488	39,534	39,556	-0.1	-0.1	Wyandot.....	406	20,760	21,125	21,722	-1.7	-2.7

COUNTY.	Land area in square miles: 1910	POPULATION.				PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.				PER CENT OF INCREASE.	
		1910	1907	1900	1890	1907-1910	1900-1910			1910	1907	1900	1890	1907-1910	1900-1910
OKLAHOMA.	69,414	1,657,155	1,414,177	790,391	258,657	17.2	109.7	OKLAHOMA							
								—Con.							
Adair <sup>1</sup> .....	584	10,535	9,115	.....	.....	15.6	.....	Grant <sup>1</sup> .....	994	18,760	17,638	17,273	.....	6.4	8.6
Alfalfa <sup>1</sup> .....	867	18,138	16,070	.....	.....	12.9	.....	Greer <sup>1</sup> .....	644	16,449	23,024	17,922	5,338	-30.4	-8.2
Atoka <sup>1</sup> .....	997	13,808	12,113	.....	.....	14.0	.....	Harmon <sup>1</sup> .....	548	11,328	.....	.....	.....	1.2	.....
Beaver <sup>1</sup> .....	1,813	13,631	13,364	3,051	2,674	2.0	346.8	Harper <sup>1</sup> .....	1,033	8,189	8,089	.....	.....	1.2	.....
Beckham <sup>1</sup> .....	917	19,099	17,758	.....	.....	10.9	.....	Haskell <sup>1</sup> .....	615	18,875	16,865	.....	.....	11.9	.....
Blaine <sup>1</sup> .....	931	17,900	17,227	10,658	.....	4.0	68.5	Hughes <sup>1</sup> .....	855	24,040	19,945	.....	.....	20.5	.....
Bryan <sup>1</sup> .....	928	29,854	27,865	.....	.....	7.1	.....	Jackson <sup>1</sup> .....	778	23,737	17,087	.....	.....	38.9	.....
Caddo <sup>1</sup> .....	1,377	35,685	30,241	.....	.....	18.0	.....	Jefferson <sup>1</sup> .....	767	17,430	13,439	.....	.....	29.7	.....
Canadian <sup>1</sup> .....	891	23,501	20,110	15,981	7,158	16.9	47.1	Johnston <sup>1</sup> .....	658	16,734	18,672	.....	.....	-10.4	.....
Carter <sup>1</sup> .....	831	25,353	26,402	.....	.....	-4.0	.....	Kay <sup>1</sup> .....	934	26,999	24,757	22,530	.....	9.1	18.8
Cherokee <sup>1</sup> .....	791	16,778	14,274	.....	.....	17.5	.....	Kingfisher.....	890	18,825	18,010	18,501	8,332	4.5	1.8
Choctaw <sup>1</sup> .....	790	21,862	17,340	.....	.....	26.1	.....	Kiowa <sup>1</sup> .....	1,179	27,526	22,247	.....	.....	23.7	.....
Cimarron <sup>1</sup> .....	1,849	4,553	5,927	.....	.....	-23.2	.....	Latimer <sup>1</sup> .....	735	11,321	9,340	.....	.....	21.2	.....
Cleveland.....	554	18,843	18,460	16,388	6,605	2.1	15.0	LeFlore <sup>1</sup> .....	1,614	29,127	24,678	.....	.....	18.0	.....
Coal <sup>1</sup> .....	525	15,817	15,585	.....	.....	1.5	.....	Lincoln <sup>1</sup> .....	959	34,779	37,293	27,007	.....	-6.7	28.8
Comanche <sup>1</sup> .....	1,726	41,489	31,738	.....	.....	30.7	.....	Logan.....	739	31,740	30,711	26,563	12,770	3.4	19.5
Craig <sup>1</sup> .....	757	17,404	14,955	.....	.....	16.4	.....	Love <sup>1</sup> .....	496	10,236	11,134	.....	.....	-8.1	.....
Creek <sup>1</sup> .....	962	26,223	18,365	.....	.....	42.8	.....	McClain <sup>1</sup> .....	562	15,659	12,888	.....	.....	21.5	.....
Custer <sup>1</sup> .....	998	23,231	18,478	12,264	.....	25.7	89.4	McCurtain <sup>1</sup> .....	1,897	20,681	13,198	.....	.....	56.7	.....
Delaware <sup>1</sup> .....	794	11,469	9,876	.....	.....	16.1	.....	McIntosh <sup>1</sup> .....	601	20,961	17,975	.....	.....	16.6	.....
Dewey <sup>1</sup> .....	989	14,132	13,329	8,819	.....	6.0	60.2	Major <sup>1</sup> .....	937	15,248	14,307	.....	.....	6.6	.....
Ellis <sup>1</sup> .....	1,218	15,375	13,978	.....	.....	10.0	.....	Marshall <sup>1</sup> .....	419	11,619	13,144	.....	.....	-11.6	.....
Garfield <sup>1</sup> .....	1,051	33,050	28,309	22,076	.....	16.8	49.7	Mayes <sup>1</sup> .....	676	13,596	11,064	.....	.....	22.9	.....
Garvin <sup>1</sup> .....	821	26,545	22,787	.....	.....	16.5	.....	Murray <sup>1</sup> .....	424	12,744	11,948	.....	.....	6.7	.....
Grady <sup>1</sup> .....	1,024	30,309	23,420	.....	.....	29.4	.....	Muskogee <sup>1</sup> .....	814	52,743	37,467	.....	.....	40.8	.....

<sup>1</sup> State total includes population (13) specially enumerated in 1890, not distributed by counties.  
<sup>2</sup> Special census of Oklahoma and Indian Territory, taken as of July 1, 1907, by order of the President.  
<sup>3</sup> State total includes population (13,873) of Kaw, Kiowa, Comanche and Apache, Osage, and Wichita Indian Reservations; population (2,173) of Day County, part taken to form part of Ellis County in 1907 and part annexed to

Roger Mills County since 1900; and population (392,060) of Indian Territory, not returned by counties in 1900.  
<sup>4</sup> State total includes population (16,641) of that part of Oklahoma, and population (180,182) of Indian Territory, specially enumerated in 1890, not distributed by counties.  
<sup>5</sup> For changes in boundaries, etc., of counties, see page 53.



## ABSTRACT OF THE CENSUS—POPULATION.

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.				PER CENT OF INCREASE.				POPULATION.				PER CENT OF INCREASE.	
COUNTY.	Land area in square miles: 1910	1910	1907	1900	1890	1907-1910	1900-1910	COUNTY.	Land area in square miles: 1910	1910	1907	1900	1890	1907-1910	1900-1910
<b>OKLAHOMA—Con.</b>								<b>OKLAHOMA—Con.</b>							
Noble <sup>1</sup> .....	734	14,945	14,198	14,015	.....	5.3	6.6	Roger Mills <sup>1</sup> .....	1,135	12,861	13,239	6,190	.....	-2.9	107.8
Nowata <sup>1</sup> .....	586	14,223	10,453	.....	.....	36.1	.....	Roger <sup>1</sup> .....	730	17,736	15,485	.....	.....	14.5	.....
Okfuskee <sup>1</sup> .....	623	19,935	15,595	.....	.....	28.2	.....	Seminole <sup>1</sup> .....	633	19,964	14,687	.....	.....	35.9	.....
Oklahoma <sup>1</sup> .....	717	85,232	55,849	25,915	11,742	52.6	228.9	Sequoyah <sup>1</sup> .....	693	25,005	22,499	.....	.....	11.1	.....
Okmulgee <sup>1</sup> .....	679	21,115	14,362	.....	.....	47.0	.....	Stephens <sup>1</sup> .....	897	22,252	20,148	.....	.....	10.4	.....
Osage <sup>1</sup> .....	2,277	20,101	15,332	.....	.....	31.1	.....	Texas <sup>1</sup> .....	2,065	14,249	16,448	.....	.....	-13.4	.....
Ottawa <sup>1</sup> .....	477	15,713	12,827	.....	.....	22.5	.....	Tillman <sup>1</sup> .....	733	18,650	12,869	.....	.....	44.9	.....
Pawnee <sup>1</sup> .....	584	17,332	17,112	12,366	.....	1.3	40.2	Tulsa <sup>1</sup> .....	565	34,995	21,093	.....	.....	61.3	.....
Payne <sup>1</sup> .....	678	23,735	22,022	20,909	7,215	7.8	13.5	Wagoner <sup>1</sup> .....	545	22,086	19,529	.....	.....	13.1	.....
Pittsburg <sup>1</sup> .....	1,370	47,650	37,677	.....	.....	26.5	.....	Washington <sup>1</sup> .....	425	17,484	12,813	.....	.....	26.5	.....
Pontotoc <sup>1</sup> .....	728	24,331	23,057	.....	.....	5.5	.....	Washita <sup>1</sup> .....	1,006	25,034	22,007	15,001	.....	13.8	66.9
Pottawatomie <sup>1</sup> .....	793	43,595	43,272	26,412	.....	0.7	65.1	Woods <sup>1</sup> .....	1,257	17,567	15,517	34,975	.....	13.2	-49.8
Pushmataha <sup>1</sup> .....	1,430	10,118	8,295	.....	.....	22.0	.....	Woodward <sup>1</sup> .....	1,233	16,592	14,595	7,469	.....	13.7	122.1
COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900		COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900	
<b>OREGON.....</b>								<b>PENNSYLVANIA—Con.</b>							
Baker <sup>1</sup> .....	3,060	18,076	15,597	6,764	15.9	130.6		Clarion.....	601	36,638	34,283	35,802	6.9	-6.8	
Benton <sup>1</sup> .....	688	10,663	6,706	8,650	39.0	-22.5		Clearfield.....	1,142	93,768	80,614	69,565	16.3	15.9	
Clackamas.....	1,564	29,931	19,658	15,233	52.3	29.0		Clinton.....	878	31,545	29,197	28,685	8.0	1.8	
Clatsop.....	821	16,106	12,765	10,016	26.2	27.4		Columbia.....	479	48,467	39,896	36,832	21.5	8.3	
Columbia.....	662	10,580	6,237	5,191	69.6	20.2		Crawford.....	1,038	61,565	63,643	65,324	-3.3	-2.6	
Coos.....	1,628	17,959	10,324	8,874	74.0	16.3		Cumberland.....	528	54,479	50,344	47,271	8.2	6.5	
Crook <sup>1</sup> .....	7,778	9,315	3,964	3,244	135.0	25.1		Dauphin.....	521	136,152	114,443	96,977	19.0	18.0	
Curry.....	1,498	2,044	1,868	1,709	9.4	9.3		Delaware.....	185	117,906	94,762	74,683	24.4	26.9	
Douglas.....	4,922	19,674	14,565	11,864	35.1	22.8		Elk.....	806	35,871	32,903	22,239	9.0	48.0	
Gilliam <sup>1</sup> .....	1,201	3,701	3,201	3,600	15.6	-11.1		Erie.....	781	115,517	98,473	86,074	17.3	14.4	
Grant <sup>1</sup> .....	4,520	5,607	5,948	5,080	-5.7	17.1		Fayette.....	795	167,449	110,412	80,006	51.7	38.0	
Harney.....	9,933	4,059	2,598	2,559	56.2	1.5		Forest.....	423	9,435	11,039	8,482	-14.5	30.1	
Hood River <sup>1</sup> .....	543	8,016	.....	.....	.....	.....		Franklin.....	751	59,775	54,902	51,433	8.9	6.7	
Jackson.....	2,836	25,756	13,698	11,455	88.0	19.6		Fulton.....	402	9,703	9,924	10,137	-2.2	-2.1	
Josephine.....	1,751	9,507	7,517	4,878	27.3	54.1		Greene.....	574	28,882	28,281	28,935	2.1	-2.3	
Klamath.....	5,999	8,554	3,970	2,444	115.5	16.0		Huntingdon.....	918	38,304	34,650	35,751	10.5	-3.1	
Lake.....	7,920	4,658	2,847	2,604	63.6	9.3		Indiana.....	829	66,210	42,556	42,175	55.6	0.9	
Lane.....	4,612	33,783	19,604	15,198	72.3	29.0		Jefferson.....	666	63,090	59,113	44,005	6.7	34.3	
Lincoln <sup>1</sup> .....	1,008	5,587	3,575	.....	56.3	.....		Junata.....	392	15,013	16,054	16,655	-6.5	-3.6	
Linn.....	2,243	22,662	18,603	16,205	21.8	14.4		Lackawanna.....	451	299,570	193,831	142,088	33.9	36.4	
Malheur.....	9,883	8,601	4,203	2,601	104.6	61.6		Lancaster.....	941	167,029	159,241	149,095	4.9	6.8	
Marion.....	1,194	39,780	27,713	22,934	43.5	20.8		Lawrence.....	360	70,032	57,042	37,517	22.8	52.0	
Morrow.....	2,025	4,357	4,151	4,305	5.0	-1.3		Lebanon.....	320	59,565	53,827	48,131	10.7	11.8	
Multnomah.....	451	226,261	103,167	74,884	119.3	37.8		Lehigh.....	344	118,832	93,893	76,631	26.6	22.5	
Polk.....	709	13,469	9,923	7,858	35.7	24.3		Luzerne.....	892	343,186	257,121	201,203	33.5	27.8	
Sherman <sup>1</sup> .....	836	4,242	3,477	1,792	22.0	94.0		Lycoming.....	1,220	80,813	75,663	70,579	6.8	7.2	
Tillamook <sup>1</sup> .....	1,125	6,266	4,471	2,932	40.1	52.5		McKean.....	987	47,868	51,343	46,863	-6.8	9.6	
Umatilla.....	3,173	20,309	18,049	13,381	12.5	24.4		Mercer.....	700	77,699	57,387	55,744	35.4	2.9	
Union <sup>1</sup> .....	2,087	16,191	16,070	12,044	0.8	33.4		Mifflin.....	398	27,881	25,160	19,995	20.0	15.8	
Wallowa <sup>1</sup> .....	3,145	8,364	5,538	3,661	51.0	51.3		Monroe.....	623	22,941	21,161	20,111	8.4	5.2	
Wasco <sup>1</sup> .....	2,343	16,336	13,199	9,183	23.8	40.7		Montgomery.....	484	169,590	138,995	123,290	22.0	12.7	
Washington.....	731	21,522	14,467	11,972	48.8	20.8		Montour.....	130	14,868	15,526	15,645	-4.2	-0.8	
Wheeler <sup>1</sup> .....	1,704	2,484	2,443	.....	1.7	.....		Northampton.....	372	127,667	99,687	84,220	28.1	18.4	
Yamhill.....	714	18,285	13,420	10,692	36.3	23.2		Northumberland.....	454	111,420	90,911	74,698	22.6	21.7	
								Perry.....	564	24,136	26,263	26,276	-8.1	( <sup>5</sup> )	
<b>PENNSYLVANIA. 44,832 7,665,111 6,302,115 5,258,113 21.6 19.9</b>								Philadelphia.....	133	1,549,008	1,293,697	1,046,964	19.7	23.6	
Adams.....	528	34,319	34,496	33,486	-0.5	3.0		Pike.....	544	8,033	8,766	9,412	-8.4	-6.9	
Allegheny.....	725	1,018,463	775,058	551,959	31.4	40.4		Potter.....	1,071	29,729	30,621	22,778	-2.9	34.4	
Armstrong.....	653	67,880	52,551	46,747	29.2	12.4		Schuylkill.....	777	207,894	172,927	154,153	20.2	12.2	
Beaver.....	429	78,353	56,432	50,077	38.8	12.7		Snyder.....	311	16,800	17,304	17,651	-2.9	-2.0	
Bedford.....	1,026	38,879	39,468	38,644	-1.5	2.1		Somerset.....	1,034	67,717	49,461	37,317	36.9	32.5	
Berks.....	865	183,222	159,615	137,327	14.8	16.2		Sullivan.....	458	11,293	12,134	11,620	-6.9	4.4	
Blair.....	534	108,858	85,099	70,866	27.9	20.1		Susquehanna.....	824	37,746	40,043	40,093	-5.7	-0.1	
Bradford.....	1,145	54,526	59,403	59,233	-8.2	0.3		Tioga.....	1,142	42,829	49,086	52,313	-12.7	-6.2	
Bucks.....	608	76,530	71,190	70,615	7.5	0.8		Union.....	305	16,249	17,592	17,830	-7.6	-1.3	
Butler.....	790	72,689	56,962	55,339	27.6	2.9		Venango.....	661	56,359	49,648	46,640	13.5	6.4	
Cambria.....	717	166,131	104,837	66,375	58.5	57.9		Warren.....	902	39,573	38,946	37,585	1.6	3.4	
Cameron.....	392	7,644	7,048	7,238	8.5	-2.6		Washington.....	862	143,680	92,181	71,155	55.9	29.5	
Carbon.....	406	52,846	44,510	38,624	18.7	15.2		Wayne.....	739	29,236	30,171	31,010	-3.1	-2.7	
Center.....	1,146	43,424	42,894	43,269	1.2	-0.9		Westmoreland.....	1,039	231,304	160,175	112,819	44.4	42.0	
Chester.....	777	109,213	95,695	89,377	14.1	7.1		Wyoming.....	397	15,509	17,152	15,891	-9.6	7.9	
								York.....	903	136,405	116,413	99,489	17.2	17.6	

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.<sup>2</sup> State total includes population (3,937) of Indian reservations specially enumerated in 1890, not distributed by counties.<sup>3</sup> See headnote to table, page 32.<sup>4</sup> State total includes population (99) of Indian reservations specially enumerated in 1890, not distributed by counties.<sup>5</sup> A decrease of less than one-tenth of 1 per cent.



# POPULATION OF COUNTIES.

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## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.													
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>RHODE ISLAND.</b>							<b>SOUTH DAKOTA</b>						
	1,067	542,610	428,556	345,506	26.6	24.0	Con.						
Bristol.....	24	17,602	13,144	11,428	33.9	15.0	Douglas.....	435	6,400	5,012	4,600	27.7	9.0
Kent.....	174	36,378	29,976	26,754	21.4	12.0	Edmunds.....	1,158	7,654	4,916	4,399	55.7	11.8
Newport.....	114	39,335	32,599	28,552	20.7	14.2	Fall River.....	1,756	7,763	3,541	4,478	119.2	-20.9
Providence.....	430	424,353	328,683	255,123	29.1	28.8	Faulk.....	1,018	6,716	3,547	4,062	89.3	-12.7
Washington.....	325	24,942	24,154	23,649	3.3	2.1	Grant.....	691	10,303	9,103	6,814	13.2	33.6
<b>S. CAROLINA</b>							<b>Gregory<sup>1</sup>.....</b>						
	30,495	1,515,400	1,340,316	1,151,149	13.1	16.4		1,032	13,061	2,211	295	490.7	649.5
Abbeville <sup>1</sup> .....	678	34,804	33,400	46,854	4.2	-28.7	Hamlin.....	529	7,475	5,945	4,625	25.7	28.5
Aiken.....	1,100	41,849	39,032	31,822	7.2	22.7	Hard.....	1,426	7,870	4,525	6,546	73.9	-30.9
Anderson.....	758	69,568	55,728	43,696	24.8	27.5	Hanson.....	432	6,237	4,947	4,267	26.1	15.9
Bamberg <sup>1</sup> .....	371	18,544	17,296		7.2		Harding <sup>1</sup> .....	2,682	4,228				
Barnwell <sup>1</sup> .....	890	34,209	35,504	44,613	-3.6	-20.4	Hughes.....	759	6,271	3,684	5,044	70.2	-27.0
Beaufort.....	920	30,355	35,495	34,119	-14.5	4.0	Hutchinson.....	817	12,319	11,897	10,469	3.5	13.6
Berkeley <sup>1</sup> .....	1,238	23,487	30,454	55,428	-22.9	-45.1	Hyde.....	866	3,307	1,492	1,890	121.6	-19.8
Calhoun <sup>1</sup> .....	391	16,634					Jerauld.....	531	5,129	2,798	3,605	83.0	-22.4
Charleston <sup>1</sup> .....	685	88,594	88,006	69,903	0.7	46.9	Kingsbury.....	814	12,560	9,866	8,562	27.3	15.2
Cherokee <sup>1</sup> .....	373	26,179	21,359		22.6		Lake.....	562	10,711	9,137	7,508	17.2	21.7
Chester.....	592	29,425	28,616	26,660	2.8	7.3	Lawrence.....	797	19,694	17,897	11,673	10.0	53.3
Chesterfield.....	837	26,301	20,401	18,468	28.9	10.5	Lincoln.....	574	12,712	12,161	9,143	4.5	33.0
Clarendon.....	717	32,188	28,184	23,233	14.2	21.3	Lyman <sup>1</sup> .....	2,625	10,848	2,632	233	312.2	807.7
Colleton <sup>1</sup> .....	1,333	35,390	33,452	40,293	5.8	-17.0	McCook.....	573	9,589	8,689	6,448	10.4	34.8
Darlington <sup>1</sup> .....	605	36,027	32,388	29,134	11.2	11.2	McPherson.....	1,157	6,791	6,327	5,940	7.3	6.5
Dillon <sup>1</sup> .....	471	22,615					Marshall.....	889	8,021	5,942	4,544	35.0	30.8
Dorchester <sup>1</sup> .....	613	17,891	16,294		9.8		Meade <sup>1</sup> .....	3,491	12,640	4,907	4,640	157.6	5.8
Edgefield <sup>1</sup> .....	700	28,281	25,478	49,259	11.0	-48.3	Mellette <sup>1</sup> .....	1,228	1,700				
Fairfield.....	792	29,442	29,425	28,599	0.1	2.9	Miner.....	568	7,661	5,864	5,165	30.6	13.5
Florence <sup>1</sup> .....	607	35,671	28,474	25,027	25.3	13.8	Minnehaha.....	815	29,631	23,926	21,879	23.8	9.4
Georgetown.....	828	22,270	22,846	20,857	-2.5	9.5	Moody.....	527	8,695	8,326	5,941	4.4	40.1
Greenville.....	761	68,377	53,490	44,310	27.8	20.7	Pennington <sup>1</sup> .....	2,792	12,453	5,610	6,540	122.0	-14.2
Greenwood <sup>1</sup> .....	508	34,225	28,343		20.8		Perkins <sup>1</sup> .....	2,914	11,348				
Hampton.....	958	25,126	23,738	20,544	5.8	15.5	Potter.....	898	4,466	2,988	2,910	49.5	2.7
Horry.....	1,158	26,995	23,364	19,256	15.5	21.3	Roberts.....	1,111	14,897	12,216	1,997	21.9	511.7
Kershaw <sup>1</sup> .....	673	27,094	24,696	22,361	9.7	10.4	Sanborn.....	576	6,607	4,464	4,610	48.0	-5.2
Lancaster.....	515	26,650	24,311	20,761	9.6	17.1	Schnasse.....	836	292	( <sup>2</sup> )	( <sup>2</sup> )		
Laurens.....	690	41,550	37,382	31,610	11.1	18.3	Shannon.....	964	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )		
Lee <sup>1</sup> .....	407	25,318					Spink.....	1,511	15,981	9,487	10,581	68.5	-10.3
Lexington <sup>1</sup> .....	833	32,040	27,264	22,181	17.5	22.9	Stanley <sup>1</sup> .....	4,156	14,975	1,341	1,028	1,016.7	30.4
Marion <sup>1</sup> .....	529	20,596	35,181	29,976	-41.5	17.4	Sterling.....	249	252	( <sup>2</sup> )	96		
Marlboro.....	519	31,189	27,639	23,500	12.8	17.6	Sully.....	1,058	2,462	1,715	2,412	43.6	-28.9
Newberry <sup>1</sup> .....	601	34,586	30,182	26,434	14.6	14.2	Todd <sup>1</sup> .....	1,279	2,164				
Oconee.....	650	27,357	23,634	18,687	15.7	26.5	Tripp <sup>1</sup> .....	1,629	8,323				
Orangeburg <sup>1</sup> .....	1,131	55,893	59,663	49,393	-6.3	20.8	Turner.....	617	13,840	13,175	10,256	5.0	28.5
Pickens.....	529	25,422	19,375	16,389	31.2	18.2	Union <sup>1</sup> .....	452	10,676	11,153	9,130	-4.3	22.2
Richland.....	611	55,143	45,589	36,821	21.0	23.8	Walworth.....	742	6,488	3,839	2,153	69.0	78.3
Saluda <sup>1</sup> .....	435	20,943	18,966		10.4		Washabaugh.....	1,146	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )		
Spartanburg <sup>1</sup> .....	765	83,465	65,560	55,385	27.3	18.4	Washington.....	1,157	( <sup>2</sup> )	( <sup>2</sup> )	40		
Sumter <sup>1</sup> .....	574	38,472	51,237	43,605	-24.9	17.5	Yankton.....	523	13,135	12,649	10,444	3.8	21.1
Union <sup>1</sup> .....	492	29,911	25,501	25,363	17.3	0.5	Pine Ridge Indian Reservation <sup>1</sup> .....	( <sup>2</sup> )	6,607	6,827		-3.2	
Williamsburg <sup>1</sup> .....	1,006	37,626	31,685	27,777	18.8	14.1	<b>TENNESSEE</b>						
York <sup>1</sup> .....	651	47,718	41,684	38,831	14.5	7.3		41,687	2,184,789	2,020,616	1,767,518	8.1	14.3
<b>SOUTH DAKOTA.</b>							<b>Anderson.....</b>						
	76,868	583,888	401,570	348,600	45.4	15.2		337	17,717	17,634	15,128	0.5	16.6
Armstrong.....	1,419	647	8	34			Bedford.....	514	22,667	23,845	24,739	-4.9	-3.6
Aurora.....	719	6,143	4,011	5,045	53.2	-20.5	Benton.....	450	12,452	11,888	11,230	4.7	5.9
Beadle.....	1,250	15,776	8,081	9,586	95.2	-15.7	Bledsoe.....	391	6,329	6,626	6,134	-4.5	8.0
Bennett <sup>1</sup> .....	1,291	496					Blount.....	571	20,809	19,206	17,589	8.3	9.2
Bonhomme.....	573	11,061	10,379	9,057	6.6	14.6	Bradley.....	336	16,336	15,759	13,607	3.7	15.8
Brookings.....	791	14,178	12,561	10,132	12.9	24.0	Campbell.....	464	27,387	17,317	13,486	58.2	28.4
Brown.....	1,750	25,867	15,286	16,855	69.2	-9.3	Cannon.....	268	10,825	12,121	12,197	-10.7	-0.6
Brule.....	837	6,451	5,401	6,737	19.4	-19.8	Carroll.....	619	23,971	24,250	23,630	-1.2	2.6
Buffalo.....	479	1,589	1,790	993	-11.2	32.8	Carter.....	353	19,838	16,688	13,389	18.9	24.6
Butte <sup>1</sup> .....	2,289	4,993	2,907	1,037	71.8	180.3	Cheatham.....	314	10,540	10,112	8,845	4.2	14.3
Campbell.....	774	5,244	4,527	3,510	15.8	29.0	Chester.....	313	9,090	9,896	9,069	-8.1	9.1
Charles Mix.....	1,134	14,899	8,498	4,178	75.3	103.4	Chalborne.....	468	23,504	20,696	15,193	13.6	37.0
Clark.....	974	10,901	6,942	6,728	57.0	3.2	Clay.....	254	9,009	8,421	7,260	7.0	16.0
Clay.....	403	8,711	9,316	7,509	-6.5	24.1	Cocke.....	427	19,399	19,153	16,523	1.3	15.9
Codington.....	701	14,092	8,770	7,037	60.7	24.6	Coffee.....	443	15,625	15,574	13,827	0.3	12.6
Corson <sup>1</sup> .....	2,526	2,929					Crockett.....	267	16,076	15,867	15,146	1.3	4.8
Custer.....	1,573	4,458	2,728	4,891	63.4	-44.2	Cumberland.....	655	9,327	8,311	5,376	12.2	54.6
Davison.....	432	11,625	7,483	5,449	55.4	37.3	Davidson.....	511	149,478	122,815	108,174	21.7	13.5
Day.....	1,061	14,372	12,254	9,168	17.3	33.7	Decatur.....	288	10,093	10,439	8,995	-3.3	16.1
Deuel.....	632	7,768	6,656	4,574	16.7	45.5	Dekalb.....	311	15,434	16,460	15,650	-6.2	5.2
Dewey.....	1,907	1,145	( <sup>2</sup> )	( <sup>2</sup> )			Dickson.....	549	19,955	18,635	13,645	7.1	36.6
							Dyer.....	500	27,721	23,776	19,878	16.6	19.6
							Fayette.....	618	30,257	29,701	28,878	1.9	2.8
							Fentress.....	486	7,446	6,106	5,226	21.9	16.8

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.

<sup>2</sup> State total includes population (9,216) of Cheyenne River and Rosebud Indian Reservations and part of Standing Rock Indian Reservation, not returned by counties in 1900.

<sup>3</sup> State total includes population (19,792) specially enumerated in 1890, not distributed by counties; also population (1,351) of Choteau, Ewing, Harding, Martin, Delano, Scobey, Jackson, Ziebach, Nowlin, Pratt, Presho, and old Todd Counties, annexed to Butte, Meade, Stanley, Lyman, Gregory, and Pennington Counties between 1890 and 1900.

<sup>4</sup> Exclusive of population of part in Pine Ridge Indian Reservation, not returned by counties.

<sup>5</sup> See headnote to table, page 32.

<sup>6</sup> Not returned separately.

<sup>7</sup> For 1910 comprises the unorganized counties of Shannon and Washington, and parts of Bennett and Washabaugh, for which the population was not returned separately.

<sup>8</sup> Total land area within the limits of Pine Ridge Indian Reservation, 4,374 square miles, comprising Shannon, Washington, and parts of Bennett and Washabaugh Counties, included under the respective counties.



## ABSTRACT OF THE CENSUS—POPULATION.

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.			PER CENT OF INCREASE.		COUNTY.		POPULATION.			PER CENT OF INCREASE.	
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>TENNESSEE—Con.</b>							<b>TEXAS—Con.</b>						
Franklin	575	20,491	20,392	18,929	0.5	7.7	Armstrong	903	2,682	1,205	944	122.6	27.6
Gibson	633	41,630	39,408	35,859	5.6	9.9	Atascosa	1,358	10,004	7,143	6,459	40.1	10.6
Giles	628	32,629	33,035	34,957	—1.2	—5.5	Austin	728	17,099	20,676	17,859	—14.4	15.8
Grainger	307	13,888	15,512	13,196	—10.5	17.6	Bailey	1,030	312	4			
Greene	613	31,083	30,596	26,614	1.6	15.0	Bandera	983	4,921	5,332	3,795	—7.7	40.5
Grundy	375	8,322	7,802	6,345	6.7	23.0	Bastrop	867	25,344	26,845	20,736	—5.6	29.5
Hamblen	158	13,650	12,728	11,418	7.2	11.5	Baylor	880	8,411	3,052	2,595	175.6	17.1
Hamilton	409	89,267	61,695	53,482	44.7	15.4	Bee	856	12,090	7,720	3,720	56.6	107.5
Hancock	228	10,778	11,147	10,342	—3.3	7.8	Bell	1,083	49,186	45,535	33,377	8.0	36.4
Hardeman	697	23,011	22,976	21,029	0.2	9.3	Bexar	1,263	119,676	69,422	49,266	72.4	40.9
Hardin	582	17,521	19,246	17,698	—9.0	8.7	Blanco	750	4,311	4,703	4,649	—8.3	1.2
Hawkins	482	23,587	24,267	22,246	—2.8	9.1	Borden	895	1,386	776	222	78.6	249.5
Haywood	508	25,910	25,189	23,558	2.9	6.9	Bosque	975	19,013	17,390	14,224	9.3	22.3
Henderson	536	17,030	18,117	16,336	—6.0	10.9	Bowie	873	34,827	26,676	20,267	30.6	31.6
Henry	626	25,434	24,208	21,070	5.1	14.9	Brazoria	1,340	13,299	14,861	11,506	—10.5	29.2
Hickman <sup>1</sup>	570	16,527	16,367	14,499	1.0	12.9	Brazos	597	18,919	18,859	16,650	0.3	13.3
Houston	197	6,224	6,476	5,390	—3.9	20.1	Brewster <sup>1</sup>	5,935	5,220	2,356	710	121.6	231.8
Humphreys	451	13,908	13,398	11,720	3.8	14.3	Briscoe	903	2,162	1,253		72.5	
Jackson	301	15,036	15,039	13,325	(9)	12.9	Brown	956	22,935	16,019	11,421	43.2	40.3
James	165	5,210	5,407	4,903	—3.6	10.3	Burleson	684	18,687	18,367	13,001	1.7	41.3
Jefferson	312	17,755	18,590	16,478	—4.5	12.8	Burnet	974	10,755	10,528	10,747	2.2	—2.0
Johnson	294	13,191	10,589	8,858	24.6	19.5	Caldwell	511	24,237	21,765	15,769	11.4	38.0
Knox	504	94,187	74,302	59,557	26.8	24.8	Calhoun	563	3,635	2,395	815	51.8	193.9
Lake	122	8,704	7,368	5,304	18.1	38.9	Callahan	854	12,973	8,768	5,457	48.0	60.7
Lauderdale <sup>1</sup>	456	21,105	21,971	18,756	—3.9	17.1	Cameron	2,434	27,158	16,095	14,424	68.7	11.6
Lawrence	611	17,569	15,402	12,286	14.1	25.4	Camp	207	9,551	9,146	6,624	4.4	38.1
Lewis <sup>1</sup>	286	6,033	4,455	2,555	35.4	74.4	Carson	803	2,127	469	356	353.5	31.7
Lincoln	587	25,908	26,304	27,382	—1.5	—3.9	Cass	951	27,587	22,841	22,554	20.8	1.3
Loudon	219	13,612	10,838	9,273	25.6	16.9	Castro	896	1,850	400	9	362.5	
McMinn	432	21,046	19,163	17,890	9.8	7.1	Chambers	618	4,234	3,046	2,241	39.0	35.9
McNairy	588	16,356	17,760	15,510	—7.9	14.5	Cherokee	1,049	29,038	25,154	22,975	15.4	9.5
Macon	286	14,559	12,881	10,878	13.0	18.4	Childress	733	9,538	2,138	1,175	346.1	82.0
Madison	532	39,357	36,333	30,497	8.3	19.1	Clay	1,158	17,043	9,231	7,503	84.6	23.0
Marion	504	18,820	17,281	15,411	8.9	12.1	Cochran	809	65	25			
Marshall	378	16,872	18,763	18,906	—10.1	—0.8	Coke	931	6,412	3,430	2,059	86.9	66.6
Maury	582	40,456	42,703	38,112	—5.3	12.0	Coleman	1,290	22,618	10,077	6,112	124.5	64.9
Meigs	199	6,131	7,491	6,930	—18.2	8.1	Collin	878	49,021	50,087	36,736	—2.1	36.3
Monroe	673	20,716	18,585	15,329	11.5	21.2	Collingsworth	898	5,224	1,233	357	323.7	245.4
Montgomery	516	33,672	36,017	29,697	—6.5	21.3	Colorado	972	18,897	22,203	19,512	—14.9	13.8
Moore	141	4,800	5,706	5,975	—15.9	—4.5	Comal	559	8,434	7,008	6,398	20.3	9.5
Morgan	529	11,458	9,587	7,639	19.5	25.5	Comanche	948	27,186	23,009	15,608	18.2	47.4
Obion	552	29,946	28,286	27,273	5.9	3.7	Concho	918	6,654	2,427	1,065	366.3	34.0
Overton	446	15,854	13,353	12,039	18.7	10.9	Cooke	902	26,603	27,494	24,696	—3.2	11.3
Perry <sup>1</sup>	487	8,815	8,800	7,785	0.2	13.0	Coryell	1,085	21,703	21,308	16,873	1.9	26.3
Pickett	162	5,087	5,366	4,736	—5.2	13.3	Cottle	1,012	4,396	1,002	240	338.7	317.5
Polk	432	14,116	11,357	8,361	24.3	35.8	Crane	878	331	51	15		
Putnam	404	20,023	16,890	13,683	18.5	23.4	Crockett	3,215	1,296	1,296	194	—18.5	730.1
Rhea	365	15,410	14,318	12,647	7.6	13.2	Crosby	870	1,765	788	346	124.0	127.7
Rhone	388	22,860	22,738	17,418	0.5	30.5	Dallam	1,532	4,001	146	112	2,640.4	30.4
Robertson	455	25,466	25,029	20,078	1.7	24.7	Dallas	859	135,748	82,726	67,042	—64.1	23.4
Rutherford	614	33,199	33,543	35,097	—1.0	—4.4	Dawson <sup>1</sup>	903	2,320	37	29		
Scott	550	12,947	11,077	9,794	16.9	13.1	De Witt	879	23,501	21,311	14,307	10.3	49.0
Sequatchie	264	4,202	3,326	3,027	26.3	9.9	Deaf Smith	1,549	3,942	843	179	367.6	370.9
Sevier	587	22,296	22,021	18,761	1.2	17.4	Delta	261	14,566	15,249	9,117	—4.5	67.3
Shelby	801	191,439	153,557	112,740	24.7	36.2	Denton	952	31,258	28,318	21,289	10.4	33.0
Smith	296	18,548	19,026	18,404	—2.5	3.4	Dickens	881	3,092	1,151	295	168.6	290.2
Stewart	449	14,860	15,224	12,193	—2.4	24.9	Dimmit	1,300	3,460	1,106	1,049	212.8	5.4
Sullivan	436	28,120	24,935	20,879	12.8	19.4	Donley	906	5,284	2,756	1,056	91.7	161.0
Sumner	558	25,621	26,072	23,668	—1.7	10.2	Duval	1,825	8,964	8,483	7,508	5.7	11.6
Tipton	442	29,459	29,273	24,271	0.6	20.6	Eastland	925	23,421	17,971	10,373	30.3	73.2
Trousdale	106	5,874	6,004	5,850	—2.2	2.6	Ector	892	1,178	381	224	209.2	70.1
Unicoi	201	7,201	5,851	4,619	23.1	26.7	Edwards	2,352	3,768	3,108	1,970	21.2	57.8
Union	235	11,414	12,894	11,459	—11.5	12.5	El Paso	9,331	52,599	24,886	15,678	111.4	58.7
Van Buren	293	2,784	3,126	2,863	—10.9	9.2	Ellis	975	53,629	50,059	31,774	7.1	57.5
Warren	423	16,534	16,410	14,413	0.8	13.9	Erath	1,083	32,095	29,966	21,594	7.1	38.8
Washington	325	28,968	22,604	20,354	28.2	12.1	Falls	745	35,649	33,342	20,706	6.9	61.0
Wayne <sup>1</sup>	749	12,062	12,936	11,471	—6.8	12.8	Fannin	838	44,801	51,793	38,709	—13.5	38.0
Weakley	580	31,929	32,546	28,955	—1.9	12.4	Fayette	968	29,796	26,542	31,481	—18.5	16.1
White	363	15,420	14,157	12,348	8.9	14.7	Fisher	885	12,596	3,708	2,996	239.7	23.8
Williamson	586	24,213	26,429	26,321	—8.4	0.4	Floyd	1,011	4,638	2,020	529	129.6	281.9
Wilson	613	25,394	27,078	27,148	—6.2	—0.3	Foard <sup>1</sup>	612	5,726	1,568		265.2	
<b>TEXAS</b>							<b>TEXAS</b>						
Anderson	938	29,650	28,015	20,923	5.8	33.9	Fort Bend	792	18,168	16,538	10,586	9.9	56.2
Andrews <sup>1</sup>	1,965	975	87	24			Franklin	289	9,331	8,674	6,481	7.6	33.8
Angelina	940	17,705	13,481	6,306	31.3	113.8	Freestone	882	20,557	18,910	15,987	8.7	18.3
Aransas	240	2,106	1,716	1,824	22.7	—5.9	Frio	1,124	8,895	4,200	3,112	111.8	35.0
Archer	872	6,525	2,508	2,101	160.2	19.4	Gaines <sup>1</sup>	1,540	1,255	55	68		
<b>TEXAS</b>							<b>TEXAS</b>						
Garza <sup>1</sup>	395	44,479	44,116	31,476	0.8	40.2	Galveston	8					



# POPULATION OF COUNTIES.

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## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.													
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
TEXAS—Con.							TEXAS—Con.						
Goliad.....	799	9,909	8,310	5,910	19.2	40.6	Motley.....	1,030	2,396	1,257	139	90.6	804.3
Gonzales.....	1,020	28,055	28,882	18,016	-2.9	60.3	Nacogdoches.....	1,039	27,406	24,663	15,984	11.1	54.3
Gray <sup>1</sup> .....	809	3,405	480	203	609.4	136.5	Navarro.....	1,060	47,070	43,374	26,373	8.5	64.5
Grayson.....	942	65,996	63,661	53,211	3.7	19.6	Newton.....	889	10,850	7,282	4,650	49.0	56.6
Gregg.....	312	14,140	12,343	9,492	14.6	31.3	Nolan.....	880	11,999	2,611	1,573	359.6	66.0
Grimes.....	812	21,205	26,106	21,312	-18.8	22.5	Nueces.....	2,275	21,955	10,439	8,093	110.3	29.0
Guadalupe.....	703	24,913	21,385	15,217	16.5	49.5	Ochiltree.....	891	1,602	267	198	500.0	34.8
Hale.....	1,036	7,566	1,680	721	350.4	133.0	Oldham.....	1,543	812	349	270	132.7	29.3
Hall.....	901	8,279	1,670	703	395.7	137.6	Orange.....	363	9,528	5,905	4,770	61.4	23.8
Hamilton.....	833	15,315	13,520	9,313	13.3	45.2	Palo Pinto.....	958	19,506	12,291	8,320	58.7	47.7
Hansford.....	882	935	167	133	459.9	25.6	Panola.....	842	20,424	21,404	14,328	-4.6	49.4
Hardeman <sup>1</sup> .....	761	11,213	3,634	3,904	208.6	-6.9	Parker.....	875	26,331	23,823	21,682	2.0	19.1
Hardin.....	882	12,947	5,049	3,956	156.4	27.6	Parmer <sup>1</sup> .....	902	1,555	34	7		
Harris.....	1,654	115,693	63,786	37,249	81.4	71.2	Pecos <sup>1</sup> .....	4,134	2,071	2,360	1,326	-12.2	78.0
Harrison.....	872	37,243	31,878	26,721	16.8	19.3	Polk.....	1,217	17,459	14,447	10,332	20.8	39.8
Hartley.....	1,507	1,298	377	252	244.3	49.6	Potter.....	934	12,424	1,820	849	582.6	114.4
Haskell.....	923	16,249	2,637	1,665	516.2	58.4	Presidio.....	3,812	5,218	3,673	1,698	42.1	116.3
Hays.....	623	15,518	14,142	11,352	9.7	24.6	Rains.....	267	6,787	6,127	3,909	10.8	56.7
Hemphill.....	873	3,170	815	519	289.0	57.0	Randall.....	937	3,312	963	187	243.9	415.0
Henderson.....	946	20,131	19,970	12,285	0.8	62.6	Reagan <sup>1</sup> .....	1,071	392				
Hidalgo.....	2,276	13,728	6,837	6,534	100.8	4.6	Red River.....	1,039	28,564	29,893	21,452	-4.4	39.3
Hill.....	966	46,760	41,355	27,583	13.1	49.9	Reeves.....	2,781	4,392	1,847	1,247	137.8	48.1
Hockley.....	867	137	44				Refugio.....	740	2,814	1,641	1,239	71.5	32.4
Hood.....	405	10,008	9,146	7,614	9.4	20.1	Roberts.....	882	950	620	326	53.2	90.2
Hopkins.....	813	31,038	27,950	20,572	11.0	35.9	Robertson.....	872	27,454	31,480	26,506	-12.8	18.8
Houston.....	1,231	29,504	25,432	19,360	16.2	31.5	Rockwall.....	149	8,072	8,531	5,972	-5.4	42.8
Howard.....	891	8,881	2,528	1,210	251.3	108.9	Runnels.....	1,083	20,858	5,379	3,193	287.8	68.5
Hunt.....	893	48,116	47,295	31,885	1.7	48.3	Rusk.....	983	26,946	26,099	18,559	3.2	40.6
Hutchinson <sup>1</sup> .....	879	892	303	58	194.4		Sabine.....	589	8,582	6,394	4,969	34.2	28.7
Irion.....	998	1,283	848	870	51.3	-2.5	San Augustine.....	622	11,264	8,434	6,688	33.6	26.1
Jack.....	962	11,817	10,224	9,740	15.6	5.0	San Jacinto.....	602	9,542	10,277	7,360	-7.2	39.6
Jackson.....	893	6,471	6,094	3,281	6.2	85.7	San Patricio.....	676	7,307	2,372	1,312	208.1	80.8
Jasper.....	978	14,000	7,138	5,592	96.1	27.6	San Saba.....	1,116	11,245	7,569	6,641	48.6	14.0
Jeff Davis.....	2,263	1,678	1,150	1,394	45.9	-17.5	Schleicher <sup>1</sup> .....	1,387	1,893	515	155	267.6	232.3
Jefferson.....	920	38,182	14,239	5,857	168.2	143.1	Scurry.....	887	10,924	4,158	1,415	162.7	193.9
Johnson.....	740	34,460	33,819	22,313	1.9	51.6	Shackelford.....	947	4,201	2,461	2,012	70.7	22.3
Jones.....	922	24,209	7,053	3,797	244.5	85.8	Shelby.....	833	26,423	20,452	14,365	29.2	42.4
Karnes.....	692	14,942	8,681	3,637	72.1	138.7	Sherman.....	935	1,376	104	34	1,223.1	
Kaufman.....	834	35,323	33,376	21,998	5.8	54.5	Smith.....	920	41,746	37,370	28,324	11.7	31.9
Kendall.....	598	4,517	4,103	3,826	10.1	7.2	Somervell.....	184	3,931	3,498	3,419	12.4	2.3
Kent.....	875	2,655	899	324	195.3	177.5	Starr.....	2,675	13,151	11,469	10,749	14.7	6.7
Kerr.....	1,197	5,505	4,980	4,462	10.5	11.6	Stephens.....	925	7,980	6,466	4,926	23.4	31.3
Kimble.....	1,301	3,261	2,503	2,243	30.3	11.6	Sterling <sup>1</sup> .....	948	1,493	1,127		32.5	
Kling.....	867	810	490	173	65.3	183.2	Stonewall.....	852	5,320	2,183	1,024	143.7	113.2
Kinney.....	1,312	3,401	2,447	3,781	39.0	-35.3	Sutton.....	1,521	1,569	1,727	658	-9.1	162.5
Knox <sup>1</sup> .....	862	9,625	2,322	1,134	314.5	104.8	Swisher.....	898	4,012	1,227	100	227.0	1,127.0
La Salle.....	1,561	4,747	2,303	2,139	106.1	7.7	Tarrant.....	903	108,572	52,376	41,142	107.3	27.3
Lamar.....	945	46,544	48,627	37,302	-4.3	30.4	Taylor.....	908	26,293	10,499	6,957	150.4	50.9
Lamb <sup>1</sup> .....	1,022	540	31	4			Terrell <sup>1</sup> .....	2,635	1,430				
Lampasas.....	740	9,532	8,625	7,584	10.5	13.7	Terry <sup>1</sup> .....	870	1,474	48	21		
Lavaca.....	950	26,418	28,121	21,887	-6.1	28.5	Throckmorton.....	879	4,563	1,750	902	160.7	94.0
Lee.....	562	13,132	14,595	11,952	-10.0	22.1	Titus.....	398	16,422	12,292	8,190	33.6	50.1
Leon.....	1,101	16,583	18,072	13,841	-8.2	30.6	Tom Green <sup>1</sup> .....	1,454	17,882	6,804	5,152	162.8	32.1
Liberty.....	1,160	10,686	8,102	4,230	31.9	91.5	Travis.....	1,004	55,620	47,386	36,322	17.4	30.5
Limestone.....	974	34,621	32,573	21,678	6.3	50.3	Trinity.....	716	12,768	10,976	7,648	16.3	43.5
Lipscomb.....	888	2,634	790	632	233.4	25.0	Tyler.....	908	10,250	11,899	10,877	-13.9	9.4
Live Oak.....	1,116	3,442	2,268	2,055	51.8	10.4	Upshur.....	600	19,960	16,266	12,695	22.7	28.1
Llano.....	971	6,520	7,301	6,772	-10.7	7.8	Upton <sup>1</sup> .....	1,195	501	48	52		
Loving.....	753	249	33	3			Uvalde.....	1,589	11,233	4,647	3,804	141.7	22.2
Lubbock.....	868	3,624	293	33	1,136.9		Val Verde.....	3,083	8,613	5,263	2,874	63.7	83.1
Lynn <sup>1</sup> .....	864	1,713	17	24			Van Zandt.....	831	25,651	25,481	16,225	0.7	57.0
McCulloch.....	1,073	13,405	3,960	3,217	238.5	23.1	Victoria.....	890	14,990	13,678	8,737	9.6	56.6
McLennan.....	1,049	73,250	59,772	39,204	22.5	52.5	Walker.....	791	16,061	15,813	12,874	1.6	22.8
McMullen.....	1,302	1,091	1,024	1,038	6.5	-1.3	Waller.....	519	12,138	14,246	10,888	-14.8	30.8
Madison.....	495	10,318	10,432	8,512	-1.1	22.6	Ward.....	827	2,389	1,451	77	64.6	
Marion.....	391	10,472	10,754	10,802	-2.6	-1.0	Washington.....	628	25,561	32,931	29,161	-22.4	12.9
Martin.....	904	1,549	332	264	366.6	25.8	Webb <sup>1</sup> .....	3,219	22,503	21,851	14,842	3.0	47.2
Mason.....	969	5,683	5,573	5,180	2.0	7.6	Wharton.....	1,112	21,123	16,942	7,584	24.7	123.4
Matagorda.....	1,136	13,594	6,097	3,985	123.0	53.0	Wheeler.....	895	5,258	636	778	726.7	-18.3
Maverick.....	1,251	5,151	4,066	3,698	26.7	10.0	Wichita.....	604	16,094	5,806	4,831	177.2	20.2
Medina.....	1,333	13,415	7,783	5,730	72.4	35.8	Wilbarger.....	928	12,000	5,759	7,092	108.4	-18.8
Menard.....	914	2,707	2,011	1,215	34.6	65.5	Williamson.....	1,129	42,228	38,072	25,909	10.9	46.9
Midland.....	887	3,464	1,741	1,033	99.0	68.5	Wilson.....	813	17,066	13,961	10,655	22.2	21.0
Milam.....	959	36,780	39,666	24,773	-7.3	60.1	Winkler <sup>1</sup> .....	844	442	60	18		
Mills.....	696	9,694	7,851	5,493	23.5	42.9	Wise.....	863	26,450	27,116	24,134	-2.5	12.4
Mitchell.....	885	8,955	2,855	2,059	213.7	38.7	Wood.....	657	23,417	21,048	13,932	11.3	51.1
Montague.....	929	25,123	24,800	18,863	1.3	31.5	Yoakum <sup>1</sup> .....	879	602	26	4		
Montgomery.....	1,017	15,679	17,067	11,765	-8.1	45.1	Young.....	875	13,657	6,540	5,049	108.8	29.5
Moore.....	921	561	209	15	168.4		Zapata.....	1,288	3,899	4,760	3,562	-20.0	33.6
Morris.....	259	10,439	8,220	6,580	27.0	24.9	Zavalla.....	1,348	1,889	792	1,097	138.5	-27.8

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.



## ABSTRACT OF THE CENSUS—POPULATION.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>UTAH</b> .....	<b>82,184</b>	<b>373,351</b>	<b>276,749</b>	<b>210,779</b>	<b>34.9</b>	<b>31.3</b>	<b>VIRGINIA—Con.</b>						
Beaver.....	2,660	4,717	3,613	3,340	30.6	8.2	Danville city <sup>2</sup> .....	3	19,020	16,520	10,305	15.1	60.3
Boxelder.....	5,444	13,894	10,009	7,642	38.8	31.0	Dickenson.....	325	9,199	7,747	5,077	18.7	52.6
CACHE.....	1,164	23,062	18,139	15,509	27.1	17.0	Dinwiddie.....	518	15,442	15,374	13,515	0.4	13.8
Carbon <sup>2</sup> .....	1,487	8,624	5,004	.....	72.3	.....	Elizabeth City.....	54	21,225	19,460	16,168	9.1	20.4
Davis.....	275	10,191	7,996	6,751	27.5	18.4	Essex.....	238	9,105	9,701	10,047	-6.1	-3.4
Emery <sup>2</sup> .....	4,453	6,750	4,657	5,076	44.9	-8.3	Fairfax.....	417	20,536	18,580	16,655	10.5	11.6
Garfield <sup>2</sup> .....	5,234	3,600	3,400	2,457	7.6	38.4	Fauquier.....	666	22,526	23,374	22,590	-3.6	3.5
Grand <sup>2</sup> .....	3,692	1,595	1,149	541	38.8	112.4	Floyd.....	376	14,092	15,388	14,405	-8.4	6.8
Iron.....	3,256	3,933	3,546	2,683	10.9	32.2	Fluvanna.....	285	8,323	9,050	9,508	-8.0	-4.8
Juab.....	3,410	10,702	10,082	5,582	6.1	80.6	Franklin.....	697	26,480	25,953	24,985	2.0	3.9
Kane <sup>2</sup> .....	4,215	1,632	1,811	1,685	-8.8	7.5	Frederick.....	434	12,787	13,239	12,684	-3.4	4.4
Millard.....	6,604	6,118	5,678	4,033	7.7	40.8	Fredericksburg city.....	1	5,874	5,068	4,328	15.9	11.9
Morgan.....	626	2,467	2,045	1,780	20.6	14.9	Giles.....	369	11,623	10,793	9,090	7.7	18.7
Plute <sup>2</sup> .....	763	1,734	1,954	2,842	-11.3	-31.2	Gloucester.....	223	12,477	12,832	11,653	-2.8	10.1
Rich.....	1,027	1,883	1,946	1,527	-3.2	27.4	Goochland.....	287	9,237	9,519	9,958	-3.0	-4.4
Salt Lake.....	756	131,426	77,725	58,457	69.1	33.0	Grayson.....	425	19,856	16,833	14,394	17.8	17.1
San Juan.....	7,761	2,377	1,023	365	132.4	136.4	Greene.....	155	6,937	6,214	5,622	11.6	10.5
Sanpete <sup>2</sup> .....	1,564	16,704	16,313	13,146	2.4	24.1	Greensville.....	307	11,890	9,230	8,230	21.8	18.6
Sevier <sup>2</sup> .....	1,978	9,775	8,451	6,199	15.7	36.3	Halifax.....	814	40,044	37,197	34,424	7.7	8.1
Summit.....	1,862	8,200	9,439	7,733	-13.1	22.1	Hanover.....	512	17,200	17,618	17,402	-2.4	1.2
Tooele.....	6,849	7,924	7,361	3,700	7.6	98.9	Henrico <sup>2</sup> .....	266	23,437	30,062	22,006	-22.0	36.6
Uinta.....	5,235	7,050	6,458	2,762	9.2	80.7	Henry.....	444	18,459	19,265	18,208	-4.2	5.8
Utah <sup>2</sup> .....	2,034	37,942	32,456	23,768	16.9	36.6	Highland.....	422	5,317	5,647	5,352	-5.8	5.5
Wasatch.....	4,354	8,920	4,736	3,595	88.3	27.0	Isle of Wight.....	314	14,929	13,102	11,313	13.9	15.8
Washington.....	2,465	5,123	4,612	4,009	11.1	15.0	James City.....	164	6,338	5,732	5,643	10.6	1.6
Wayne <sup>2</sup> .....	2,475	1,749	1,907	.....	-8.3	.....	King and Queen.....	320	9,576	9,265	9,669	3.4	-4.2
Weber.....	541	35,179	25,239	22,723	39.4	11.1	King George.....	180	6,378	6,918	6,641	-7.8	4.2
<b>VERMONT</b> .....	<b>9,124</b>	<b>355,956</b>	<b>343,641</b>	<b>332,422</b>	<b>3.6</b>	<b>3.4</b>	King William.....	263	8,547	8,380	9,605	2.0	-12.8
Addison.....	756	20,010	21,912	22,277	-8.7	-1.6	Lancaster.....	130	9,752	8,949	7,191	9.0	24.4
Bennington.....	661	21,378	21,705	20,448	-1.5	6.1	Lee.....	446	23,840	19,856	18,216	20.1	9.0
Caledonia <sup>2</sup> .....	618	26,031	24,381	23,436	6.8	4.0	Loudoun.....	519	21,167	21,948	23,274	-3.6	-5.7
Chittenden.....	543	42,447	39,600	35,389	7.2	11.9	Louisa.....	516	16,578	16,517	16,997	0.4	-2.8
Essex.....	638	7,384	8,056	9,511	-8.3	-15.3	Lunenburg.....	430	12,780	11,706	11,372	9.2	2.9
Franklin.....	652	29,866	30,198	29,755	-1.1	1.5	Lynchburg city <sup>2</sup> .....	5	29,494	18,891	19,709	56.1	-4.2
Grand Isle.....	83	3,761	4,462	3,843	-15.7	16.1	Madison.....	324	10,055	10,216	10,225	-1.6	-0.1
Lamoille.....	436	12,585	12,289	12,831	2.4	-4.2	Mathews.....	94	8,922	8,239	7,584	8.3	8.6
Orange.....	676	18,703	19,313	19,575	-3.2	-1.3	Mecklenburg.....	669	28,956	26,551	25,359	9.1	4.7
Orleans.....	688	23,337	22,024	22,101	6.0	-0.3	Middlesex.....	146	8,852	8,230	7,458	7.7	10.2
Rutland.....	911	48,139	44,209	45,397	8.9	-2.6	Montgomery <sup>2</sup> .....	396	17,268	15,852	17,742	8.9	-10.7
Washington <sup>2</sup> .....	719	41,702	36,607	29,606	13.9	23.6	Nansemond.....	423	26,886	23,078	19,692	16.5	17.2
Windham.....	795	26,932	26,600	26,547	1.0	0.4	Nelson.....	473	16,821	16,075	15,336	4.6	4.8
Windsor.....	948	33,681	32,225	31,706	4.5	1.6	New Kent.....	191	4,682	4,865	5,511	-3.8	-11.7
<b>VIRGINIA</b> .....	<b>40,262</b>	<b>2,061,612</b>	<b>1,854,184</b>	<b>1,655,980</b>	<b>11.2</b>	<b>12.0</b>	Newport News city <sup>2</sup> .....	2	20,206	19,635	.....	2.9	.....
Accomac.....	502	36,650	32,570	27,277	12.5	19.4	Norfolk <sup>2</sup> .....	404	52,744	50,780	28,809	3.9	75.7
Albemarle.....	750	29,871	28,473	26,788	4.9	6.3	Norfolk city <sup>2</sup> .....	7	67,432	46,624	34,871	44.7	33.7
Alexandria.....	31	10,231	6,430	4,258	59.1	51.0	Northampton.....	239	16,672	13,770	10,313	21.1	33.5
Alexandria city.....	1	15,329	14,528	14,339	5.5	1.3	Northumberland.....	205	10,777	9,846	7,885	9.5	24.9
Alleghany <sup>2</sup> .....	457	14,173	16,330	9,283	-13.2	75.9	Notoway.....	310	13,462	12,366	11,582	8.9	6.8
Amelia.....	371	8,720	9,037	9,068	-3.5	-0.3	Orange.....	359	13,486	12,571	12,814	7.3	-1.9
Amherst.....	470	18,932	17,864	17,551	6.0	1.8	Page.....	322	14,147	13,794	13,092	2.6	5.4
Appomattox.....	342	8,904	9,662	9,589	-7.8	0.8	Patrik.....	485	17,195	15,403	14,147	11.6	8.9
Augusta <sup>2</sup> .....	1,003	32,445	32,370	30,030	0.2	7.8	Petersburg city.....	3	24,127	21,810	22,680	10.6	-3.8
Bath.....	545	6,538	5,595	4,587	16.9	22.0	Pittsylvania <sup>2</sup> .....	1,012	50,709	40,894	49,636	8.1	-5.5
Bedford.....	791	29,549	30,356	31,213	-2.7	-2.7	Portsmouth city <sup>2</sup> .....	3	33,190	17,427	13,268	90.5	31.3
Bland.....	360	5,154	5,497	5,129	-6.2	7.2	Powhatan.....	273	6,099	6,824	6,791	-10.6	0.5
Botetourt.....	548	17,727	17,161	14,854	3.3	15.5	Prince Edward.....	356	14,266	15,045	14,694	-5.2	2.4
Bristol city.....	2	6,247	4,579	2,902	36.4	57.8	Prince George.....	294	7,848	7,752	7,872	1.2	-1.5
Brunswick.....	557	19,244	18,217	17,245	5.6	5.6	Prince William.....	345	12,026	11,112	9,805	8.2	13.3
Buchanan.....	514	12,334	9,692	5,867	27.3	65.2	Princess Anne.....	279	11,526	11,192	9,510	3.0	17.7
Buckingham.....	584	15,204	15,266	14,383	-0.4	6.1	Pulaski.....	333	17,246	14,609	12,790	18.1	14.2
Buena Vista city <sup>2</sup> .....	3	3,245	2,388	.....	35.9	.....	Radford city <sup>2</sup> .....	5	4,202	3,344	.....	25.7	.....
Campbell <sup>2</sup> .....	552	23,043	23,256	21,378	-0.9	8.8	Rappahannock.....	274	8,044	8,843	8,678	-9.0	1.9
Caroline.....	529	16,596	16,709	16,681	-0.7	0.2	Richmond.....	204	7,415	7,088	7,146	4.6	-0.8
Carroll.....	458	21,116	19,303	15,497	9.4	24.6	Richmond city <sup>2</sup> .....	11	127,628	85,050	81,388	50.1	4.5
Charles City.....	188	5,253	5,040	5,066	4.2	-0.5	Roanoke <sup>2</sup> .....	300	19,623	15,837	13,942	23.9	13.6
Charlotte.....	496	15,785	15,343	15,077	2.9	1.8	Roanoke city <sup>2</sup> .....	5	34,874	21,495	16,159	62.2	33.0
Charlottesville city.....	1	6,765	6,449	5,591	4.9	15.3	Rockbridge.....	613	21,171	21,799	23,062	-2.9	-5.5
Chesterfield.....	471	21,299	18,804	10,965	13.3	10.8	Rockingham.....	876	34,903	33,527	31,299	4.1	7.1
Clarke.....	171	7,468	7,927	8,071	-5.8	-1.8	Russell.....	496	23,474	18,031	16,126	30.2	11.8
Clinch Forge city <sup>2</sup> .....	1	5,748	.....	.....	.....	.....	Scott.....	543	23,814	22,694	21,694	4.9	4.6
Craig.....	333	4,711	4,293	3,835	9.7	11.9	Shenandoah.....	510	20,942	20,253	19,671	3.4	3.0
Culpeper.....	384	13,472	14,123	13,233	-4.6	6.7	Smyth.....	435	20,326	17,121	13,360	18.7	28.2
Cumberland.....	293	9,195	8,996	9,482	2.2	5.1	Southampton.....	604	26,392	22,848	20,078	15.1	13.8
							Spratsylvania.....	412	9,935	9,239	9,705	7.5	-4.8
							Stafford.....	274	8,070	8,097	7,362	-0.3	10.0

<sup>1</sup> State total includes population (2,874) of Indian reservations specially enumerated in 1890, not distributed by counties.<sup>2</sup> For changes in boundaries, etc., of counties, see page 53.<sup>3</sup> See headnote to table, page 32.<sup>4</sup> State total includes population (9,715 in 1900 and 9,246 in 1890) of Manchester city, made independent of Chesterfield County in 1874, annexed to Richmond city, April 15, 1910.



## POPULATION OF COUNTIES.

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## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.			PER CENT OF INCREASE.		COUNTY.		POPULATION.			PER CENT OF INCREASE.	
COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900	COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900
<b>VIRGINIA—Con.</b>													
Staunton city <sup>1</sup> .....	3	10,604	7,289	6,975	45.5	4.5	<b>WEST VIRGINIA</b>						
Surry.....	278	9,715	8,469	8,256	14.1	2.6	—Con.						
Sussex.....	515	13,604	12,082	11,100	13.1	8.8	Lewis.....	393	18,281	16,980	15,895	7.7	6.8
Tazewell.....	531	24,946	23,384	19,899	6.7	17.5	Lincoln.....	418	20,491	15,434	11,246	32.8	37.2
Warren.....	216	8,589	8,837	8,230	—2.8	6.7	Logan.....	438	14,476	6,955	11,101	108.1	—37.3
Warwick <sup>1</sup> .....	67	6,041	4,888	6,650	23.6	—26.5	McDowell.....	533	47,856	18,747	7,300	155.3	156.8
Washington.....	602	32,830	28,995	26,118	13.2	11.0	Marion.....	315	42,794	32,430	20,721	32.0	56.5
Westmoreland.....	252	9,313	9,243	8,399	0.8	10.0	Marshall.....	310	32,388	26,444	20,735	22.5	27.5
Winchester city.....	1	5,864	5,161	5,196	13.6	—0.7	Mason.....	475	23,019	24,142	22,803	—4.7	5.6
Wise.....	420	34,162	19,653	9,345	73.8	110.3	Mercer.....	419	38,371	23,023	16,002	66.7	43.9
Wythe.....	479	20,372	20,437	18,019	—0.3	13.4	Mineral.....	349	16,674	12,883	12,085	29.4	6.6
York.....	136	7,757	7,482	7,596	3.7	—1.5	Mingo <sup>1</sup> .....	416	19,431	11,359	.....	71.1	.....
<b>WASHINGTON</b> .....	<b>66,836</b>	<b>1,141,990</b>	<b>518,103</b>	<b>357,232</b>	<b>120.4</b>	<b>45.0</b>	Monongalia.....	358	24,334	19,049	15,705	27.7	21.3
Adams.....	1,912	10,920	4,840	2,098	125.6	130.7	Monroe.....	457	13,055	13,130	12,429	—0.6	5.6
Asotin.....	606	5,831	3,306	1,580	73.2	113.0	Morgan.....	233	7,848	7,294	6,744	7.6	8.2
Benton <sup>1</sup> .....	1,671	7,937	.....	.....	.....	.....	Nicholas.....	680	17,699	11,403	9,309	55.2	22.5
Chelan <sup>1</sup> .....	1,927	35,590	15,124	9,249	135.3	161.4	Ohio.....	107	57,572	48,024	41,557	19.9	15.6
Chehalis.....	2,900	15,104	3,931	.....	284.2	.....	Pendleton.....	699	9,349	9,167	8,711	2.0	5.2
Clallam.....	1,726	6,755	5,603	2,771	20.6	187.2	Pleasant.....	132	8,074	9,345	7,539	—13.6	24.0
Clarke.....	634	26,115	13,419	11,709	94.6	14.6	Pocahontas.....	904	14,740	8,572	6,814	72.0	25.8
Columbia.....	858	7,042	7,128	6,709	—1.2	6.2	Preston.....	650	26,341	22,727	20,355	15.9	11.7
Cowlitz.....	1,153	12,561	7,877	5,917	50.5	33.1	Putnam.....	336	18,587	17,330	14,342	7.3	20.8
Douglas <sup>1</sup> .....	1,787	9,227	4,926	3,161	87.3	55.8	Raleigh.....	597	25,633	12,436	9,597	106.1	29.6
Ferry <sup>1</sup> .....	2,220	4,800	4,562	.....	5.2	.....	Randolph.....	1,036	26,028	17,670	11,633	47.3	51.9
Franklin.....	1,206	5,153	456	696	960.3	—30.2	Ritchie.....	453	17,875	18,901	16,621	—5.4	13.7
Garfield.....	604	4,199	3,918	3,897	7.2	0.5	Roane.....	522	21,543	19,852	15,303	8.5	29.7
Grant <sup>1</sup> .....	2,720	8,698	.....	.....	.....	.....	Summers.....	369	18,420	16,265	13,117	13.2	24.0
Island.....	208	4,704	1,870	1,787	151.6	4.6	Taylor.....	175	16,554	14,978	12,147	10.5	23.3
Jefferson.....	1,747	8,337	5,712	8,368	46.0	—32.2	Tucker.....	405	18,675	13,433	6,459	39.0	108.0
King.....	2,111	284,638	110,053	63,989	158.6	171.8	Tyler.....	260	16,211	18,252	11,962	—11.2	52.6
Kitsap.....	371	17,647	6,767	4,624	160.8	43.3	Uphur.....	351	16,629	14,696	12,714	13.2	15.6
Kittitas <sup>1</sup> .....	2,329	18,561	9,704	5,777	91.3	10.6	Wayne.....	517	24,081	23,619	18,652	2.0	26.6
Klickitat <sup>1</sup> .....	1,825	10,180	6,407	8,167	58.9	24.0	Webster.....	583	9,680	8,862	4,783	9.2	85.3
Lewis.....	2,369	32,127	15,157	11,499	112.0	31.8	Wetzel.....	357	23,855	22,880	16,841	4.3	35.9
Lincoln.....	2,302	17,539	11,969	9,312	46.5	28.5	Wirt.....	218	9,047	10,284	9,411	—12.0	9.3
Mason.....	930	5,156	3,810	2,826	35.3	34.8	Wood.....	364	38,001	34,452	28,612	10.3	20.4
Okanoogan <sup>1</sup> .....	5,221	12,887	4,689	1,467	174.8	170.3	Wyoming.....	502	10,392	8,380	6,247	24.0	34.1
Pacific.....	895	12,532	5,983	4,358	109.5	37.3	<b>WISCONSIN</b> .....	<b>55,256</b>	<b>2,333,860</b>	<b>2,069,042</b>	<b>1,693,330</b>	<b>12.8</b>	<b>22.2</b>
Pierce.....	1,701	120,812	55,515	50,940	117.6	9.0	Adams.....	684	8,604	9,141	6,889	—5.9	32.7
San Juan.....	178	3,603	2,928	2,072	23.1	41.3	Ashland <sup>1</sup> .....	1,082	21,965	20,176	20,063	8.9	—2.6
Skagit.....	1,774	29,241	14,272	8,747	104.9	60.0	Barron.....	885	29,114	23,677	15,416	23.0	53.6
Skamania.....	1,685	2,887	1,688	774	71.0	118.1	Bayfield.....	1,503	15,987	14,392	7,390	11.1	89.4
Snohomish.....	2,064	59,209	23,950	8,514	147.2	175.8	Brown.....	529	54,098	46,359	39,164	16.7	16.6
Spokane.....	1,756	139,404	57,542	37,487	142.3	53.5	Buffalo.....	687	16,006	16,765	15,997	—4.5	4.8
Stevens <sup>1</sup> .....	3,866	25,297	10,543	4,341	139.9	129.3	Burnett.....	860	9,026	7,478	4,393	20.7	70.2
Thurston.....	709	17,581	9,927	9,675	77.1	2.6	Calumet.....	324	16,701	17,078	16,639	—2.2	2.6
Wahkiakum.....	267	3,285	2,819	2,526	16.5	11.6	Chippewa <sup>1</sup> .....	1,039	32,103	33,087	25,143	—2.8	31.4
Walla Walla.....	1,265	31,931	18,680	12,224	70.9	52.8	Clark.....	1,218	30,074	25,848	17,708	16.3	46.0
Whatecom.....	2,082	49,511	24,116	18,591	105.3	27.8	Columbia.....	778	31,129	31,121	28,350	(?)	9.8
Whitman.....	2,108	33,280	25,360	19,109	31.2	32.7	Crawford.....	579	16,288	17,286	13,987	—5.8	8.1
Yakima <sup>1</sup> .....	5,059	41,709	13,462	4,429	209.8	153.8	Dane.....	1,202	77,435	69,435	59,578	11.5	16.5
<b>WEST VIRGINIA</b> .....	<b>24,022</b>	<b>1,221,119</b>	<b>958,800</b>	<b>762,794</b>	<b>27.4</b>	<b>25.7</b>	Dodge.....	897	47,436	46,631	44,984	1.7	3.7
Barbour.....	348	15,858	14,198	12,702	11.7	11.8	Door.....	469	18,711	17,583	15,682	6.4	12.1
Berkeley.....	325	21,999	19,469	18,702	13.0	4.1	Douglas.....	1,337	47,422	36,335	13,468	30.5	169.5
Boone.....	506	10,331	8,194	6,885	26.1	19.0	Dunn.....	869	25,260	25,043	22,664	0.9	10.5
Braxton.....	517	23,023	18,904	13,928	21.8	35.7	Eau Claire.....	638	32,721	21,692	30,673	3.2	3.3
Brooke.....	89	11,098	7,219	6,660	53.7	8.4	Florence.....	497	3,381	3,197	2,604	5.8	22.8
Cabell.....	261	46,685	29,252	23,595	59.6	24.0	Fond du Lac.....	726	51,610	47,589	44,088	8.4	7.9
Calhoun.....	286	11,258	10,266	8,155	9.7	25.9	Forest <sup>1</sup> .....	1,400	6,782	1,396	1,012	385.8	37.9
Clay.....	332	10,233	8,248	4,659	24.1	77.0	Grant.....	1,169	39,067	38,881	36,651	0.3	6.1
Doddridge.....	317	12,672	13,689	12,183	—7.4	12.4	Green.....	593	21,641	22,719	22,732	—4.7	—0.1
Fayette.....	667	51,903	31,987	20,542	62.3	55.7	Green Lake.....	360	15,491	15,797	15,163	—1.9	4.2
Gilmer.....	331	11,379	11,702	9,746	—3.3	20.7	Iowa.....	781	22,497	23,114	22,117	—2.7	4.5
Grant.....	461	7,838	7,275	6,802	7.7	7.0	Iron <sup>1</sup> .....	792	8,306	6,616	.....	25.5	.....
Greenbrier.....	998	24,833	20,683	18,034	20.1	14.7	Jackson.....	990	17,075	17,466	15,797	—2.2	10.6
Hampshire.....	648	11,694	11,806	11,419	—0.9	3.4	Jefferson.....	552	34,306	34,789	33,530	—1.4	3.8
Hancock.....	83	10,465	6,693	6,414	56.4	4.3	Juneau.....	802	19,569	20,629	17,121	—5.1	20.5
Hardy.....	574	9,163	8,449	7,567	8.5	11.7	Kenosha.....	282	32,929	21,707	15,581	51.7	39.3
Harrison.....	416	48,381	27,690	21,919	74.7	26.3	Kewaunee.....	337	16,784	17,212	16,153	—2.5	6.6
Jackson.....	461	20,956	22,987	19,021	—8.8	20.9	La Crosse.....	481	43,996	42,997	38,801	2.3	10.8
Jefferson.....	211	15,889	15,935	15,553	—0.3	2.5	Lafayette.....	642	20,075	20,959	20,265	—4.2	3.4
Kanawha.....	860	81,457	54,696	42,756	48.9	27.9	Langlade.....	875	17,062	12,553	9,465	35.9	32.6
							Lincoln.....	902	19,064	16,209	12,008	17.2	35.5
							Manitowoc.....	602	44,978	42,261	37,831	6.4	11.7
							Marathon.....	1,554	55,054	43,256	30,369	27.3	42.4
							Marquette.....	1,415	33,812	30,822	20,304	9.7	51.8
							Marquette.....	457	10,741	10,509	9,676	2.2	8.6
							Milwaukee.....	235	433,187	330,017	236,101	31.3	39.8

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.<sup>2</sup> State total includes population (7,842) of Indian reservations specially enumerated in 1890, not distributed by counties.<sup>3</sup> See headnote to table, page 32.<sup>4</sup> State total includes population (6,450) of Indian reservations specially enumerated in 1890, not distributed by counties.<sup>5</sup> Less than one-tenth of 1 per cent.



## ABSTRACT OF THE CENSUS—POPULATION.

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.			PER CENT OF INCREASE.				POPULATION.			PER CENT OF INCREASE.	
COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900	COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900
WISCONSIN—Con.							WISCONSIN—Con.						
Monroe.....	937	28,881	28,103	23,211	2.8	21.1	Walworth.....	560	29,614	29,269	27,860	1.2	5.0
Oconto.....	1,118	25,657	20,874	15,009	22.9	37.5	Washburn.....	835	8,196	5,521	2,926	48.5	88.7
Oneida <sup>1</sup> .....	901	11,433	8,875	5,010	28.8	77.1	Washington.....	431	23,784	23,589	22,751	0.8	3.7
Outagamie.....	646	49,102	46,247	38,690	6.2	16.9	Waukesha.....	549	37,100	35,229	33,270	5.3	5.9
Ozaukee.....	233	17,123	16,363	14,943	4.6	9.5	Waupaca.....	759	32,782	31,615	26,794	3.7	18.0
Pepin.....	236	7,577	7,905	6,932	-4.1	14.0	Wausara.....	646	18,886	15,972	13,507	18.2	18.2
Pierce.....	563	22,079	23,943	20,385	-7.8	17.5	Winnebago.....	459	62,116	58,225	50,097	6.7	16.2
Polk.....	935	21,367	17,851	12,968	20.0	37.3	Wood.....	809	30,583	25,865	18,127	18.2	42.7
Portage.....	812	30,945	29,481	24,798	5.0	18.9	WYOMING.....						
Price.....	1,279	13,795	9,106	5,258	51.5	73.2	Albany.....	97,594	145,965	92,531	62,555	57.7	47.9
Racine.....	324	57,424	45,644	36,268	25.8	25.9	Bighorn <sup>2</sup> .....	4,401	11,574	13,084	8,865	-11.5	47.6
Richland.....	590	18,809	19,483	19,121	-3.5	1.9	Carlson <sup>2</sup> .....	6,768	8,886	4,328	105.3	.....	
Rock.....	716	55,538	51,203	43,220	8.5	18.5	Crook <sup>1</sup> .....	8,029	11,282	9,589	6,857	17.7	39.8
Rusk <sup>1</sup> .....	925	11,160	.....	.....	.....	.....	Converse.....	6,740	6,294	3,337	2,738	88.6	21.9
St. Croix.....	735	25,910	26,830	23,139	-3.4	16.0	Fremont <sup>2</sup> .....	5,441	6,492	3,137	2,338	106.9	34.2
Sauk.....	842	32,866	33,006	30,575	-0.4	8.0	Johnson <sup>2</sup> .....	12,659	11,822	5,357	2,463	120.7	37.9
Sawyer.....	1,320	6,227	3,593	1,977	73.3	37.6	Laramie.....	4,175	3,453	2,361	2,357	46.3	0.2
Shawano.....	1,158	31,884	27,475	19,236	16.0	34.4	Natrona <sup>2</sup> .....	6,992	26,127	20,181	16,777	29.5	20.3
Sheboygan.....	521	54,888	50,345	42,489	9.0	18.5	Park <sup>2</sup> .....	5,353	4,766	1,785	1,094	167.0	63.2
Taylor.....	991	13,641	11,262	6,731	21.1	67.3	Sheridan.....	5,420	4,909	.....	.....	.....	.....
Trempealeau.....	748	22,928	23,114	18,920	-0.8	22.2	Sweetwater.....	2,575	16,324	5,122	1,972	218.7	159.7
Vernon.....	821	28,116	28,351	25,111	-0.8	12.9	Uinta.....	10,500	11,575	8,455	4,941	36.9	71.1
Vilas <sup>2</sup> .....	833	6,019	4,929	.....	22.1	.....	Weston <sup>2</sup> .....	11,044	16,982	12,223	7,414	38.9	64.9
							Yellowstone Nat.Pk. <sup>4</sup>	4,593	4,960	3,203	2,422	54.9	32.2
								2,904	519	369	467	40.7	-21.0

<sup>1</sup> See headnote to table, page 32.<sup>2</sup> For changes in boundaries, etc., of counties, see page 53.<sup>3</sup> State total includes population (1,850) of Indian reservations specially enumerated in 1890, not distributed by counties.<sup>4</sup> Geographically located within the limits of Wyoming, Idaho, and Montana; total population returned in Wyoming.

## AREA AND POPULATION OF SUBDIVISIONS OF ALASKA IN 1910, HAWAII IN 1910, 1900, AND 1890, AND PORTO RICO IN 1910 AND 1899.

[A minus sign (—) denotes decrease.]

RECORDER'S DISTRICT.	1910	RECORDER'S DISTRICT.	1910	RECORDER'S DISTRICT.	1910
<b>ALASKA<sup>1</sup> (area in sq. miles, 590,884)</b>		<b>ALASKA—Continued.</b>		<b>ALASKA—Continued.</b>	
FIRST JUDICIAL DISTRICT.....	15,216	THIRD JUDICIAL DISTRICT.....	20,078	FOURTH JUDICIAL DISTRICT.....	16,711
Juneau district.....	5,854	Aleutian Islands district.....	1,083	Chandalar district.....	368
Ketchikan district.....	3,320	Bristol Bay district.....	4,502	Circle district.....	799
Sitka district.....	2,210	Cook Inlet district.....	677	Eagle district.....	543
Skagway district.....	1,980	Copper Center district.....	553	Fairbanks district.....	7,675
Wrangell district.....	1,632	Cordova district.....	1,779	Fort Gibbon district.....	858
SECOND JUDICIAL DISTRICT.....	12,351	Iliamna district.....	271	Fortymile district.....	341
Cape Nome district.....	3,924	Kayak district.....	623	Hot Springs district.....	372
Council City district.....	686	Kenai district.....	1,092	Kantishna district.....	68
Fairhaven district.....	543	Kodiak district.....	2,448	Koyukuk district.....	455
Kougarok district.....	308	Kuskokwim district (part of)	19	Kuskokwim district (part of)	491
Kuskokwim district (part of)	2,201	[For total, see judicial district 2.]	.....	[For total, see judicial district 2.]	.....
Total for Kuskokwim district in judicial districts 2, 3, and 4.....	2,711	Nabesna district.....	103	Mount McKinley district.....	232
Noatak-Kobuk district.....	2,262	Prince William Sound district.....	210	Nulato district.....	785
Port Clarence district.....	1,007	Unga Peninsula district.....	1,303	Ophir district.....	562
St. Lawrence Island district.....	293	Valdez district.....	4,815	Other district.....	1,234
St. Michael district (part of)	1,127			Rampart district.....	370
Total for St. Michael district in judicial districts 2 and 4.....	2,255			St. Michael district (part of)	1,128
				[For total, see judicial district 2.]	.....
				Tanana district.....	430

<sup>1</sup> The population of Alaska in 1900 was 63,592 and in 1890, 32,052; from 1900 to 1910 the increase was 764, or 1.2 per cent; from 1890 to 1900 it was 31,540, or 98.4 per cent.

Table 14—Continued.

COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900
<b>HAWAII<sup>1</sup></b>						
Hawaii <sup>1</sup> .....	6,449	191,909	154,001	89,990	24.6	71.1
Honolulu <sup>1</sup> .....	4,015	55,382	46,843	26,754	18.2	75.1
Kalawao <sup>1</sup> .....	600	82,028	58,504	31,194	40.2	87.5
Kaui <sup>1</sup> .....	11	785	1,177	.....	-33.3	.....
Mau <sup>1</sup> .....	641	23,962	20,734	11,839	15.5	74.8
Maul <sup>1</sup> .....	1,182	29,762	26,743	20,183	11.3	32.5

<sup>1</sup> County organization went into effect in 1905; comparison for 1890 and 1900 made from population of island groups.<sup>2</sup> Figures derived from the census taken as of Dec. 28, 1890, under the direction of the Hawaiian Government.<sup>3</sup> Includes population, not returned separately, of territory taken to form Kalawao County in 1905.



# POPULATION OF COUNTIES.

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## AREA AND POPULATION OF SUBDIVISIONS OF ALASKA IN 1910, HAWAII IN 1910, 1900, AND 1890, AND PORTO RICO IN 1910 AND 1899—Continued.

[A minus sign (-) denotes decrease.]

Table 14—Continued.											
MUNICIPAL DISTRICT.	POPULATION.		Percent of increase: 1899-1910	MUNICIPAL DISTRICT.	POPULATION.		Percent of increase: 1899-1910	MUNICIPAL DISTRICT.	POPULATION.		Percent of increase: 1899-1910
	1910	1899			1910	1899			1910	1899	
PORTO RICO (area, sq. miles, 3,435) . . . . .	1,118,012	953,243	17.3	PORTO RICO— Con.				PORTO RICO— Con.			
Adjuntas . . . . .	16,954	19,484	-13.0	Culebra <sup>1</sup> . . . . .	1,315	704	86.8	Patillas . . . . .	14,448	11,163	29.4
Aguada . . . . .	11,587	10,581	9.5	Dorado . . . . .	4,885	3,804	28.4	Penuelas . . . . .	11,991	12,129	-1.1
Aguadilla . . . . .	21,419	17,830	20.1	Fajardo . . . . .	21,135	16,782	25.9	Ponce . . . . .	63,444	55,477	14.4
Aguas Buenas . . . . .	8,292	7,977	3.9	Guayama . . . . .	17,379	12,749	36.3	Quebradillas . . . . .	8,152	7,432	9.7
Aibonito . . . . .	10,815	8,596	25.8	Guayanilla . . . . .	10,354	9,540	8.5	Rincon . . . . .	7,275	6,641	9.5
Anasco . . . . .	14,407	13,311	8.2	Gurabo . . . . .	11,139	8,700	28.0	Rio Grande . . . . .	13,948	12,365	12.8
Arcebo . . . . .	42,429	36,910	15.0	Hatillo . . . . .	10,630	10,449	1.7	Rio Piedras . . . . .	18,880	13,760	37.2
Arroyo . . . . .	6,940	4,867	42.6	Humacao <sup>1</sup> . . . . .	26,678	22,915	16.4	Sabana Grande . . . . .	11,523	10,560	9.1
Barceloneta . . . . .	11,644	9,357	24.4	Isabela . . . . .	16,852	14,888	13.2	Salinas . . . . .	11,403	5,731	99.0
Barranquitas . . . . .	10,503	8,103	29.6	Juana Diaz . . . . .	29,157	27,896	4.5	San German . . . . .	22,143	20,246	9.4
Barros . . . . .	15,028	14,845	1.2	Juncos . . . . .	11,692	8,429	38.7	San Juan . . . . .	48,716	32,048	52.0
Bayamon . . . . .	29,986	19,940	50.4	Lajas . . . . .	11,071	8,789	26.0	San Lorenzo . . . . .	14,278	15,433	6.3
Cabo Rojo . . . . .	19,562	16,154	21.1	Lares . . . . .	22,650	20,883	8.5	San Sebastian . . . . .	18,904	16,412	15.2
Caguas . . . . .	27,160	19,857	36.8	Las Marias . . . . .	10,046	11,279	-10.9	Santa Isabel . . . . .	6,959	4,858	43.2
Camuy . . . . .	11,342	10,887	4.2	Loiza . . . . .	13,317	12,522	6.3	Toa Alta . . . . .	9,127	7,908	15.4
Carolina . . . . .	15,327	11,965	28.1	Manati . . . . .	17,240	13,969	23.2	Toa Baja . . . . .	6,254	4,030	55.2
Cayey . . . . .	17,711	14,442	22.6	Maricao . . . . .	7,158	8,312	-13.9	Trujillo Alto . . . . .	6,345	5,683	11.6
Ciales . . . . .	18,398	18,115	1.6	Mamabo . . . . .	7,106	6,221	14.2	Utua . . . . .	41,054	43,810	-6.4
Cidra . . . . .	10,595	7,552	40.3	Mayaguez <sup>1</sup> . . . . .	42,429	38,915	9.0	Vega Alta . . . . .	8,134	6,107	33.2
Coamo . . . . .	17,129	15,144	13.1	Moca . . . . .	13,640	12,410	9.9	Vega Baja . . . . .	12,831	10,305	24.5
Comerio . . . . .	11,170	8,249	35.4	Morovis . . . . .	12,446	11,309	10.1	Vieques <sup>1</sup> . . . . .	10,425	5,938	75.6
Corozal . . . . .	12,978	11,508	12.8	Naguabo . . . . .	14,365	10,873	32.1	Yabucoa . . . . .	17,338	13,905	24.7
				Naranjito . . . . .	8,876	8,101	9.6	Yauco . . . . .	31,504	27,119	16.2

<sup>1</sup> For changes in boundaries, etc., of municipalities, see note below. <sup>2</sup> Excludes population (704) of the island of Culebra, organized as Municipality of Culebra since 1890.

### NOTES REGARDING CHANGES IN COUNTY BOUNDARIES.

**ALABAMA—1900-1910:** Organized, Houston; gain in area, Cullman; loss in area, Blount, Dale, Geneva, Henry; both gain and loss, Calhoun, Cleburne. 1890-1900: Gain in area, Clay, Franklin, Walker; loss in area, Jefferson, Lawrence, Talladega; both gain and loss, Colbert.

**ARIZONA—1890-1900:** Organized, Coconino, Navajo, Santa Cruz; loss in area, Apache, Pima, Yavapai.

**ARKANSAS—1900-1910:** Gain in area, Lafayette, Logan, Mississippi, Sebastian; loss in area, Columbia, Scott. 1890-1900: Gain in area, Clay, Crawford, Sevier; loss in area, Franklin, Greene, Howard.

**CALIFORNIA—1900-1910:** Organized, Imperial; gain in area, Kings; loss in area, Fresno, San Diego. 1890-1900: Organized, Glenn, Kings, Madera, Riverside; loss in area, Colusa, Fresno, San Bernardino, San Diego, Tulare.

**COLORADO—1900-1910:** Organized, Adams, Denver, Jackson; gain in area, Park, Washington, Yuma; loss in area, Arapahoe, Denver, Jefferson, Larimer; both gain and loss, Adams. 1890-1900: Organized, Mineral, Teller; loss in area, Chaffee, El Paso, Hinsdale, Rio Grande, Saguache; both gain and loss, Fremont.

**FLORIDA—1900-1910:** Organized, Palm Beach, St. Lucie; loss in area, Brevard, Dade. 1890-1900: Gain in area, Polk; loss in area, Pasco.

**GEORGIA—1900-1910:** Organized, Ben Hill, Crisp, Grady, Jeff Davis, Jenkins, Stephens, Tift, Toombs, Turner; gain in area, Clarke, Fulton; loss in area, Appling, Berrien, Bulloch, Burke, Clayton, Coffee, Decatur, Dooley, Emanuel, Franklin, Habersham, Irwin, Montgomery, Oglethorpe, Screven, Tattnall, Thomas, Wilcox, Worth.

**IDaho—1900-1910:** Organized, Bonner, Twin Falls; gain in area, Fremont, Nez Perce; loss in area, Bingham, Cassia, Kootenai, Shoshone. 1890-1900: Organized, Bannock, Blaine, Canyon, Fremont, Lincoln; loss in area, Ada, Bingham, Lemhi.

**KANSAS—1890-1900:** Gain in area, Finney.

**KENTUCKY—1890-1900:** Gain in area, Powell; loss in area, Estill.

**LOUISIANA—1900-1910:** Organized, La Salle; loss in area, Catahoula.

**MASSACHUSETTS—1900-1910:** Gain in area, Hampden, Norfolk; loss in area, Hampshire; both gain and loss, Middlesex, Suffolk.

**MICHIGAN—1890-1900:** Organized, Dickinson; gain in area, Emmet, Keweenaw, Leelanau; loss in area, Marquette, Menominee; both gain and loss, Charlevoix, Iron.

**MINNESOTA—1900-1910:** Organized, Clearwater, Koochiching, Mahanomen, Pennington; loss in area, Beltrami, Itasca, Norman, Red Lake. 1890-1900: Organized, Red Lake, Roseau; gain in area, Crow Wing, Hubbard; loss in area, Cass, Kittson, Polk.

**MISSISSIPPI—1900-1910:** Organized, Forrest, George, Jefferson Davis, Lamar; loss in area, Covington, Greene, Hancock, Jackson, Lawrence, Marion, Perry; both gain and loss, Pearl River. 1890-1900: Organized, Pearl River; loss in area, Hancock, Marion.

**MONTANA—1900-1910:** Organized, Lincoln, Powell, Rosebud, Sanders; loss in area, Custer, Flathead, Missoula, Silver Bow; both gain and loss, Deer Lodge. 1890-1900: Organized, Broadwater, Carbon, Flathead, Granite, Ravalli, Sweet Grass, Teton, Valley; gain in area, Cascade, Flathead, Lewis and Clark; loss in area, Chouteau, Dawson, Deer Lodge, Jefferson, Meagher, Missoula, Park, Yellowstone.

**NEBRASKA—1900-1910:** Organized, Garden, Morrill; gain in area, Dakota; loss in area, Cheyenne, Deuel. 1890-1900: Organized, Boyd; gain in area, McPherson.

**NEVADA—1900-1910:** Organized, Clark; loss in area, Lincoln.

**NEW JERSEY—1890-1900:** Gain in area, Ocean; loss in area, Burlington.

**NEW MEXICO—1900-1910:** Organized, Curry, Guadalupe, Luna, McKinley, Quay, Roosevelt, Sandoval, Torrance; loss in area, Bernalillo, Chaves, Dona Ana, Grant, Guadalupe (old), Lincoln, Quay, Roosevelt, San Juan, San Miguel, Santa Fe, Socorro, Union, Valencia; both gain and loss, Rio Arriba. 1890-1900: Organized, Chaves, Eddy, Guadalupe (old), Otero, Union; gain in area, Bernalillo; loss in area, Colfax, Dona Ana, Lincoln, Mora, San Miguel, Santa Fe, Socorro.

**NEW YORK—1890-1900:** Organized, Nassau; gain in area, New York; loss in area, Queens, Westchester.

**NORTH CAROLINA—1900-1910:** Organized, Lee, Scotland; loss in area, Chatham, Moore, Richmond.

**NORTH DAKOTA—1900-1910:** Organized, Adams, Bowman, Burke, Divide, Dunn, Hettinger, McKenzie, Mountrail, Renville, Sheridan; loss in area, Billings, McLean, Mercer, Stark, Ward, Williams. 1890-1900: Organized, Williams; gain in area, Billings, Bottineau, McHenry, McLean, Mercer, Pierce, Stark, Ward; loss in area, Dunn, Hettinger, Renville, Sheridan, Williams.

**OKLAHOMA—**Most of the counties were organized in 1907. Among the few existing in 1890 there was no change till after 1900. There has been no later change in Cleveland, Kingfisher, Logan, and Oklahoma, but since 1900 Canadian has gained in area, Beaver and Payne have lost, while Greer has had both gains and losses. The counties organized between 1890 and 1900 were formed from Indian reservations. Of these counties the following remain unchanged: Dewey, Garfield, Grant, Lincoln, and Pottawatomie; there has been a gain in area in Blaine, Custer, Kay, Noble, Pawnee, and Washita, and both gains and losses in Roger Mills, Woods, and Woodward. For comparison of the special enumeration of 1907 with that of 1910 it may be noted that Harmon was organized in 1909; there was a loss of area in Beckham and both gain and loss in Greer.

**OREGON—1900-1910:** Organized, Hood River; gain in area, Baker; loss in area, Union, Wasco. 1890-1900: Organized, Lincoln, Wheeler; gain in area, Sherman, Wallowa; loss in area, Benton, Crook, Gilliam, Grant, Tillamook, Union, Wasco.

**SOUTH CAROLINA—1900-1910:** Organized, Calhoun, Dillon, Lee; gain in area, Florence, Newberry; loss in area, Berkeley, Darlington, Kershaw, Lexington, Marion, Sumter, Williamsburg; both gain and loss, Orangeburg. 1890-1900: Organized, Bamberg, Cherokee, Dorchester, Greenwood, Saluda; gain in area, Charleston, Florence; loss in area, Abbeville, Barnwell, Berkeley, Colleton, Darlington, Edgefield, Spartanburg, Union, York.

**SOUTH DAKOTA—1900-1910:** Organized, Corson, Harding, Perkins, Tripp; loss in area, Butte, Union; formed, Bennett, Mellette, Todd. 1890-1900: Gain in area, Butte, Gregory, Lyman, Meade, Pennington, Stanley.

**TENNESSEE—1900-1910:** Gain in area, Perry; loss in area, Lauderdale, Wayne. 1890-1900: Gain in area, Lewis; loss in area, Hickman, Wayne.

**TEXAS—1900-1910:** Organized, Andrews, Dawson, Gaines, Garza, Gray, Hutchinson, Lamb, Lynn, Farmer, Reagan, Schleicher, Terrell, Terry, Upton, Winkler, Yoakum; loss in area, Pecos, Tom Green. 1890-1900: Organized, Foard, Sterling; gain in area, Brewster, Webb; loss in area, Hardeman, Knox, Tom Green.

**UTAH—1900-1910:** Gain in area, Sevier; loss in area, Piute. 1890-1900: Organized, Carbon, Grand, Wayne; gain in area, Garfield, Utah; loss in area, Emery, Kane, Piute, Sanpete.

**VERMONT—1890-1900:** Gain in area, Caledonia; loss in area, Washington.

**VIRGINIA—1900-1910:** Organized and made independent of county, Clifton Forge city; gain in area, Danville city, Lynchburg city, Norfolk city, Portsmouth city, Richmond city, Staunton city; loss in area, Alleghany, Augusta, Campbell, Henrico, Manchester city, Norfolk, Pittsylvania. 1890-1900: Organized and made independent of county, Buena Vista city, Newport News city, Radford city; gain in area, Danville city, Portsmouth city, Roanoke city; loss in area, Montgomery, Norfolk, Pittsylvania, Roanoke, Rockbridge, Warwick.

**WASHINGTON—1900-1910:** Organized, Benton, Grant; loss in area, Douglas, Klickitat, Yakima. 1890-1900: Organized, Chelan, Ferry; loss in area, Kittitas, Okanogan, Stevens.

**WEST VIRGINIA—1890-1900:** Organized, Mingo; loss in area, Logan.

**WISCONSIN—1900-1910:** Organized, Rusk; gain in area, Oneida; loss in area, Chippewa, Forest; both gain and loss, Vilas. 1890-1900: Organized, Iron, Vilas; loss in area, Ashland, Forest; both gain and loss, Oneida.

**WYOMING—1900-1910:** Organized, Park; loss in area, Bighorn. 1890-1900: Organized, Bighorn, Natrona, Weston; loss in area, Carbon, Crook, Fremont, Johnson.

**PORTO RICO—1899-1910:** Municipality organized, Culebra; gain in area, Humacao, Mayaguez; loss in area, Vieques.



## ABSTRACT OF THE CENSUS—POPULATION.

URBAN AND RURAL POPULATION.

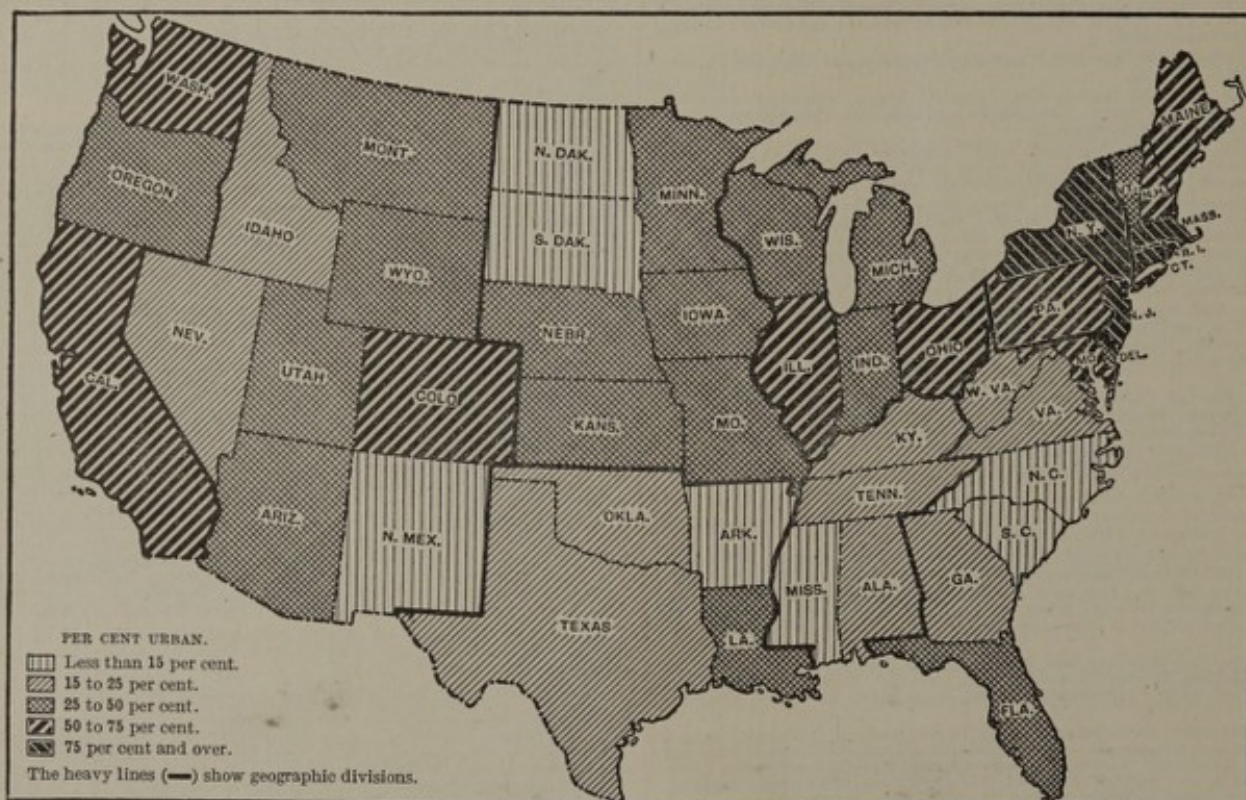
The Census Bureau classifies as urban population that residing in cities and other incorporated places of 2,500 inhabitants or more, including New England towns of that population. In most sections of the country all or practically all densely populated areas of this size are set off from rural territory and incorporated as municipalities (variously known as cities, towns, villages, boroughs, etc.). In New England, however, this is often not the case. Many of the towns consist in part of distinctly rural territory and in part of densely populated areas which are not incorporated separately and for which it is impossible to make separate population returns. For this reason it has been necessary in the New England states to include with the urban population residing in incorporated cities the population also of all towns having 2,500 inhabitants or more. The urban areas in New England, as classified by the census, therefore, include some population which, in other sections of the United States, would be segregated as rural.

Urban population being thus defined, the remainder of the country is classed as rural, consisting

(except in New England) of all unincorporated territory and of incorporated places of less than 2,500 inhabitants.

The comparisons of the urban and rural population in 1910 with that at earlier enumerations may be made either with respect to the varying proportions of the two classes at successive enumerations or with respect to the increase between enumerations. In order to contrast the *proportion* of the total population living in urban or rural territory at the census of 1910 with the proportion urban or rural at the preceding census, it is necessary to classify the territory according to the conditions *as they existed* at each census. In this comparison a place having less than 2,500 inhabitants in 1900 and over 2,500 in 1910 is classed with the rural territory for 1900 and with the urban for 1910. On the other hand, in order to present fairly the contrast between urban and rural communities, as regards their *rate of growth*, it is necessary to consider the changes in population which have occurred from one decennial census to another in exactly the *same* territory.

PER CENT URBAN IN TOTAL POPULATION, BY STATES: 1910.



**Proportion urban and rural.**—The proportion of the total population living in urban and in rural territory at the censuses of 1910, 1900, 1890, and 1880, respectively, for the United States as a whole, is shown in Table 15, on the opposite page.

This table shows a steady and rapid increase in the proportion of urban population. While the increase in the percentage of urban population from 1900 to 1910 was appreciably greater than from 1890 to 1900, it was not so great as from 1880 to 1890.



**Table 15**

CLASS.	POPULATION OF THE UNITED STATES.			
	1910	1900	1890	1880
Total, number	91,972,266	75,994,575	62,947,714	50,155,783
Urban	42,623,383	30,797,185	22,720,223	14,772,438
Rural	49,348,883	45,197,390	40,227,491	35,383,345
Total, per cent.	100.0	100.0	100.0	100.0
Urban	46.3	40.5	36.1	29.5
Rural	53.7	59.5	63.9	70.5

The map on page 54 shows the percentage of urban population in 1910 for each of the states.

Table 18 (p. 56) shows, by divisions and states, urban and rural population, and the per cent urban and rural, at the censuses of 1910, 1900, and 1890, respectively. As shown by this table, the proportions of the total population living in urban and rural territory vary greatly in different sections of the country.

In the New England division more than four-fifths of the population in 1910 lived in urban territory, as defined by the Census Bureau. Were it possible to determine the urban population in this division on the same basis as for the rest of the country, the proportion would probably be somewhat less than three-fourths. Urban population constituted more than seven-tenths of the total in the Middle Atlantic division and more than one-half in the East North Central and Pacific divisions. The lowest proportion of urban population is found in the South—25.4 per cent in the South Atlantic division, 18.7 in the East South Central, and 22.3 in the West South Central.

In the North (comprising the first four geographic divisions) the urban population numbered 32,669,705, and the rural 23,087,410, the per cent urban being 58.6. In the South (comprising the next three divisions) the urban population was 6,623,838, and the rural 22,765,492, the proportion urban being 22.5 per cent. In the West (comprising the last two divisions), with 3,229,840 urban and 3,495,981 rural, the percentage urban was 48.8.

In each of the nine geographic divisions the proportion of the population living in urban communities was larger in 1910 than in 1900, and larger in 1900 than in 1890. The proportion increased with exceptional rapidity from 1900 to 1910 in the Pacific division, where cities have shown a remarkable growth.

The per cent distribution of the total, urban, and rural population, respectively, of the United States in 1910 among the geographic divisions is as follows:

**Table 16**

DIVISION.	PER CENT OF TOTAL.		
	Total.	Urban.	Rural.
United States	100.0	100.0	100.0
New England	7.1	12.8	2.2
Middle Atlantic	21.0	32.2	11.3
East North Central	19.8	22.6	17.5
West North Central	12.7	9.1	15.7
South Atlantic	13.3	7.3	18.4
East South Central	9.1	3.7	13.9
West South Central	9.6	4.6	13.8
Mountain	2.9	2.2	3.4
Pacific	4.6	5.6	3.7

Increase in urban and rural population.—In order to compare the *rate of growth* in urban and rural communities, it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the *same* territory from one decennial census to another. For this purpose communities are classed as urban or rural according to their population in 1910, and the population of the places as thus classified is then determined for 1900 for purposes of comparison.

The increase from 1900 to 1910 in urban and rural population on this basis is shown, for the United States, in the following table:

**Table 17**

CLASS.	POPULATION IN		INCREASE: 1900-1910	
	1910	1900	Number.	Per cent.
Total population	91,972,266	75,994,575	15,977,691	21.0
Urban territory in 1910	42,623,383	31,609,645	11,013,738	34.8
Rural territory in 1910	49,348,883	44,384,930	4,963,953	11.2

The rate of increase for the population of urban areas was over three times that for the population living in rural territory.

Of the total increase in the population of the United States during the past decade (15,977,691), seven-tenths was in urban territory and only three-tenths in rural territory.

Table 19 (p. 57) shows, by divisions and states, the aggregate population in 1910 and 1900 of the territory which is classed as urban and rural in 1910, and the increase or decrease during the decade. (See also maps on page 58.)

The largest percentages of increase in urban population between 1900 and 1910 were reported for the Pacific, West South Central, and Mountain divisions, in the order named, these percentages being 101.8, 68.5, and 64.7, respectively. These same divisions also showed higher rates of increase in rural population than any of the others, though the increase in rural population was much less rapid than that in urban population, being for these divisions 46.4, 27.1, and 53.4 per cent, respectively. The New England division, on the other hand, showed the smallest percentage of increase in urban population, namely, 21.5 per cent. For this division there was a slight decrease in rural population during the last decade.

The five other geographic divisions differed little from one another in the percentages of increase in urban population, the rates ranging from 28.2 per cent for the West North Central division to 33.1 per cent for the Middle Atlantic division. They showed greater contrasts in the growth of rural population. In the South Atlantic division the increase in rural population was 12.3 per cent; in the Middle Atlantic, West North Central, and East South Central divisions it was between 5 and 10 per cent, and in the East North Central division there was a slight decrease in rural population.



## ABSTRACT OF THE CENSUS—POPULATION.

URBAN AND RURAL POPULATION, BY DIVISIONS AND STATES: 1910, 1900, AND 1890.

Table 18 DIVISION AND STATE.	1910		1900		1890		1910		1900		1890	
	Urban population.	Rural population.	Urban population.	Rural population.	Urban population.	Rural population.	Per ct. urban.	Per ct. rural.	Per ct. urban.	Per ct. rural.	Per ct. urban.	Per ct. rural.
<b>United States.....</b>	<b>42,623,383</b>	<b>49,348,883</b>	<b>30,797,185</b>	<b>45,197,390</b>	<b>22,720,223</b>	<b>40,227,491</b>	<b>46.3</b>	<b>53.7</b>	<b>40.5</b>	<b>59.5</b>	<b>36.1</b>	<b>63.9</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	5,455,345	1,097,336	4,470,179	1,121,838	3,561,763	1,138,986	83.3	16.7	79.9	20.1	75.8	24.2
Middle Atlantic.....	13,723,373	5,592,519	10,075,883	5,378,795	7,333,772	5,372,448	71.0	29.0	65.2	34.8	57.7	42.3
East North Central.....	9,617,271	8,633,350	7,219,975	8,765,606	5,097,181	8,381,124	52.7	47.3	45.2	54.8	37.8	62.2
West North Central.....	3,873,716	7,764,205	2,946,544	7,400,879	2,308,819	6,623,293	33.3	66.7	28.5	71.5	25.8	74.2
South Atlantic.....	3,092,153	9,102,742	2,232,632	8,210,848	1,728,019	7,129,903	25.4	74.6	21.4	78.6	19.5	80.5
East South Central.....	1,574,229	6,835,672	1,131,056	6,416,701	817,308	5,611,846	18.7	81.3	15.0	85.0	12.7	87.3
West South Central.....	1,957,456	6,827,078	1,057,197	5,475,093	715,999	4,024,984	22.3	77.7	16.2	83.8	15.1	84.9
Mountain.....	947,511	1,686,006	541,363	1,133,294	355,627	858,308	26.0	64.0	32.3	67.7	29.3	70.7
Pacific.....	2,382,329	1,809,975	1,122,356	1,294,336	801,735	1,086,599	56.8	43.2	46.4	53.6	42.5	57.5
<b>NEW ENGLAND:</b>												
Maine.....	381,443	360,928	337,390	357,076	298,604	362,482	51.4	48.6	48.6	51.4	45.2	54.8
New Hampshire.....	255,099	175,473	226,269	185,319	192,479	184,051	59.2	40.8	55.0	45.0	51.1	48.9
Vermont.....	168,943	187,013	139,180	204,461	117,063	215,359	47.5	52.5	40.5	59.5	35.2	64.8
Massachusetts.....	3,125,367	241,049	2,567,098	238,248	2,003,854	235,093	92.8	7.2	91.5	8.5	89.5	10.5
Rhode Island.....	524,654	17,956	407,647	20,909	326,602	18,904	96.7	3.3	95.1	4.9	94.5	5.5
Connecticut.....	999,839	114,917	792,595	115,825	623,161	123,097	89.7	10.3	87.2	12.8	83.5	16.5
<b>MIDDLE ATLANTIC:</b>												
New York.....	7,185,494	1,928,120	5,298,111	1,970,783	3,899,737	2,103,437	78.8	21.2	72.9	27.1	65.0	35.0
New Jersey.....	1,907,210	629,957	1,329,162	554,507	876,638	568,295	75.2	24.8	70.6	29.4	60.7	39.3
Pennsylvania.....	4,630,609	3,034,442	3,448,610	2,853,505	2,557,397	2,700,716	60.4	39.6	54.7	45.3	48.6	51.4
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	2,665,143	2,101,978	1,998,382	2,159,163	1,594,390	2,167,939	55.9	44.1	48.1	51.9	41.0	59.0
Indiana.....	1,143,835	1,557,041	862,689	1,653,773	590,039	1,602,365	42.4	57.6	34.3	65.7	26.9	73.1
Illinois.....	3,476,029	2,161,662	2,616,368	2,205,182	1,710,172	2,116,180	61.7	38.3	54.3	45.7	44.7	55.3
Michigan.....	1,327,044	1,483,129	932,323	1,468,659	730,294	1,363,596	47.2	52.8	39.3	60.7	34.9	65.1
Wisconsin.....	1,004,320	1,329,540	790,213	1,278,829	562,286	1,131,044	43.0	57.0	38.2	61.8	33.2	66.8
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	850,294	1,225,414	598,100	1,153,294	443,049	867,234	41.0	59.0	34.1	65.9	33.8	66.2
Iowa.....	680,054	1,544,717	572,386	1,659,467	405,764	1,506,533	30.6	69.4	25.6	74.4	21.2	78.8
Missouri.....	1,398,817	1,894,518	1,128,104	1,978,561	836,966	1,822,219	42.5	57.5	36.3	63.7	32.0	68.0
North Dakota.....	63,236	513,820	23,413	295,733	10,643	180,340	11.0	89.0	7.3	92.7	5.6	94.4
South Dakota.....	76,673	507,215	40,936	360,634	28,555	320,045	13.1	86.9	10.2	89.8	8.2	91.8
Nebraska.....	310,832	881,362	252,702	813,598	291,641	771,015	26.1	73.9	23.7	76.3	27.4	72.6
Kansas.....	493,790	1,197,159	330,903	1,139,592	272,201	1,155,907	29.2	70.8	22.5	77.5	19.1	80.9
<b>SOUTH ATLANTIC:</b>												
Delaware.....	97,085	105,237	85,717	99,018	71,067	97,426	48.0	52.0	46.4	53.6	42.2	57.8
Maryland.....	658,192	637,154	591,206	596,838	495,702	546,688	50.8	49.2	49.8	50.2	47.6	52.4
District of Columbia.....	331,069	.....	278,718	.....	230,392	.....	100.0	.....	100.0	.....	100.0	.....
Virginia.....	476,529	1,585,083	340,067	1,514,117	282,721	1,373,269	23.1	76.9	18.3	81.7	17.1	82.9
West Virginia.....	228,242	992,877	125,465	833,335	81,365	681,429	18.7	81.3	13.1	86.9	10.7	89.3
North Carolina.....	318,474	1,887,813	186,790	1,707,020	115,759	1,502,190	14.4	85.6	9.9	90.1	7.2	92.8
South Carolina.....	224,832	1,290,568	171,256	1,169,060	116,183	1,034,966	14.8	85.2	12.8	87.2	10.1	89.9
Georgia.....	538,650	2,070,471	346,382	1,869,949	257,472	1,579,881	20.6	79.4	15.6	84.4	14.0	86.0
Florida.....	219,080	533,539	107,031	421,511	77,358	314,064	29.1	70.9	20.3	79.7	19.8	80.2
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	555,442	1,734,463	467,668	1,679,506	356,713	1,501,922	24.3	75.7	21.8	78.2	19.2	80.8
Tennessee.....	441,045	1,743,744	326,639	1,693,977	238,394	1,529,124	20.2	79.8	16.2	83.8	13.5	86.5
Alabama.....	370,431	1,767,662	216,714	1,611,983	152,235	1,361,166	17.3	82.7	11.9	88.1	10.1	89.9
Mississippi.....	207,311	1,589,803	120,035	1,431,235	69,966	1,219,634	11.5	88.5	7.7	92.3	5.4	94.6
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	202,681	1,371,768	111,733	1,199,831	73,159	1,055,032	12.9	87.1	8.5	91.5	6.5	93.5
Louisiana.....	496,516	1,159,872	366,288	1,015,337	283,845	834,743	30.0	70.0	26.5	73.5	25.4	74.6
Oklahoma <sup>1</sup> .....	320,155	1,337,000	58,417	731,974	9,484	249,173	19.3	80.7	7.4	92.6	3.7	96.3
Texas.....	938,104	2,958,438	520,759	2,527,951	349,511	1,886,016	24.1	75.9	17.1	82.9	15.6	84.4
<b>MOUNTAIN:</b>												
Montana.....	133,420	242,633	84,554	158,775	38,787	104,137	35.5	64.5	34.7	65.3	27.1	72.9
Idaho.....	69,898	255,696	10,003	151,769	.....	88,548	21.5	78.5	6.2	93.8	.....	100.0
Wyoming.....	43,221	102,744	26,657	65,874	21,484	41,071	29.6	70.4	28.8	71.2	34.3	65.7
Colorado.....	404,840	394,184	260,651	279,049	185,905	227,344	50.7	49.3	48.3	51.7	45.0	55.0
New Mexico.....	46,571	280,730	27,381	167,929	9,970	150,312	14.2	85.8	14.0	86.0	6.2	93.8
Arizona.....	63,260	141,094	19,495	103,436	8,302	79,941	31.0	69.0	15.9	84.1	9.4	90.6
Utah.....	172,934	200,417	105,427	171,322	75,155	135,624	46.3	53.7	38.1	61.9	35.7	64.3
Nevada.....	13,367	68,508	7,195	35,140	16,024	31,331	16.3	83.7	17.0	83.0	33.8	66.2
<b>PACIFIC:</b>												
Washington.....	605,530	536,460	211,477	306,626	127,178	230,054	53.0	47.0	40.8	59.2	35.6	64.4
Oregon.....	307,060	365,705	133,180	280,356	85,093	232,611	45.6	54.4	32.2	67.8	26.8	73.2
California.....	1,469,739	907,810	777,699	707,354	589,464	623,934	61.8	38.2	52.4	47.6	48.6	51.4

<sup>1</sup> Includes population of Indian Territory for 1890 and 1900.



# URBAN AND RURAL POPULATION.

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INCREASE IN POPULATION OF URBAN AND RURAL TERRITORY, BY DIVISIONS AND STATES: 1900-1910.

Table 19 DIVISION AND STATE.	TERRITORY URBAN IN 1910.				TERRITORY RURAL IN 1910.			
	Population in—		Increase: 1900-1910		Population in—		Increase: 1900-1910	
	1910	1900	Number.	Per cent.	1910	1900	Number.	Per cent.
United States.....	42,623,383	31,609,645	11,013,738	34.8	49,348,883	44,384,930	4,963,953	11.2
GEOGRAPHIC DIVISIONS:								
New England.....	5,455,345	4,489,531	965,814	21.5	1,097,336	1,102,486	-5,150	-0.5
Middle Atlantic.....	13,723,373	10,307,717	3,415,656	33.1	5,592,519	5,146,951	445,558	8.7
East North Central.....	9,617,271	7,348,011	2,269,260	30.9	8,633,350	8,637,570	-4,220	(*)
West North Central.....	3,873,716	3,022,664	851,052	28.2	7,764,205	7,324,759	439,446	6.0
South Atlantic.....	3,092,153	2,337,717	754,436	32.3	9,102,742	8,105,763	996,979	12.3
East South Central.....	1,574,229	1,186,290	387,939	32.7	6,835,672	6,361,352	474,320	7.5
West South Central.....	1,957,456	1,161,736	795,720	68.5	6,827,078	5,370,609	1,456,469	27.1
Mountain.....	947,511	575,332	372,179	64.7	1,686,006	1,099,325	586,681	53.4
Pacific.....	2,382,329	1,180,647	1,201,682	101.8	1,809,975	1,236,045	573,930	46.4
NEW ENGLAND:								
Maine.....	381,443	339,564	41,879	12.3	360,928	354,902	6,026	1.7
New Hampshire.....	255,099	226,007	29,092	12.9	175,473	185,581	-10,108	-5.4
Vermont.....	168,943	148,406	20,537	13.8	187,013	195,235	-8,222	-4.2
Massachusetts.....	3,125,367	2,569,494	555,873	21.6	241,049	235,852	5,197	2.2
Rhode Island.....	524,654	411,679	112,975	27.4	17,956	16,877	1,079	6.4
Connecticut.....	999,839	794,381	205,458	25.9	114,917	114,039	878	0.8
MIDDLE ATLANTIC:								
New York.....	7,185,494	5,352,283	1,833,211	34.3	1,928,120	1,916,611	11,509	0.6
New Jersey.....	1,907,210	1,363,653	543,557	39.9	629,957	520,016	109,941	21.1
Pennsylvania.....	4,630,669	3,591,781	1,038,888	28.9	3,034,442	2,710,334	324,108	12.0
EAST NORTH CENTRAL:								
Ohio.....	2,665,143	2,027,462	637,681	31.5	2,101,978	2,130,083	-28,105	-1.3
Indiana.....	1,143,835	876,294	267,541	30.5	1,557,041	1,640,168	-83,127	-5.1
Illinois.....	3,476,929	2,666,333	810,596	30.4	2,161,662	2,155,217	6,445	0.3
Michigan.....	1,327,044	966,826	360,218	37.3	1,483,129	1,454,156	28,973	2.0
Wisconsin.....	1,004,320	811,096	193,224	23.8	1,329,540	1,257,946	71,594	5.7
WEST NORTH CENTRAL:								
Minnesota.....	830,294	613,595	216,699	35.6	1,225,414	1,137,799	87,615	7.7
Iowa.....	680,054	567,267	112,787	19.9	1,544,717	1,664,586	-119,869	-7.2
Missouri.....	1,398,817	1,143,431	255,386	22.3	1,894,518	1,963,234	-68,716	-3.5
North Dakota.....	63,236	33,362	29,874	89.5	513,820	285,784	228,036	79.8
South Dakota.....	76,673	47,945	28,728	59.9	507,215	353,625	153,590	43.4
Nebraska.....	310,852	261,853	48,999	18.7	881,362	804,447	76,915	9.6
Kansas.....	493,790	355,211	138,579	39.0	1,197,159	1,115,284	81,875	7.3
SOUTH ATLANTIC:								
Delaware.....	97,085	85,717	11,368	13.3	105,237	99,018	6,219	6.3
Maryland.....	638,192	593,133	45,059	11.0	637,154	594,911	42,243	7.1
District of Columbia.....	331,069	278,718	52,351	18.8	.....	.....	.....	.....
Virginia.....	476,529	354,861	121,668	34.3	1,585,083	1,499,323	85,760	5.7
West Virginia.....	228,242	137,464	90,778	66.0	992,877	821,336	171,541	20.9
North Carolina.....	318,474	208,215	110,259	53.0	1,887,813	1,685,595	202,218	12.0
South Carolina.....	224,832	177,270	47,562	26.8	1,290,568	1,163,046	127,522	11.0
Georgia.....	538,650	376,052	162,598	43.2	2,070,471	1,840,279	230,192	12.5
Florida.....	219,080	126,287	92,793	73.5	533,539	402,255	131,284	32.6
EAST SOUTH CENTRAL:								
Kentucky.....	555,442	483,233	72,209	14.9	1,734,463	1,663,941	70,522	4.2
Tennessee.....	441,045	335,722	105,323	31.4	1,743,744	1,684,779	58,965	3.5
Alabama.....	370,431	237,670	132,761	55.9	1,767,662	1,591,027	176,635	11.1
Mississippi.....	207,311	129,665	77,646	59.9	1,589,803	1,421,605	168,198	11.8
WEST SOUTH CENTRAL:								
Arkansas.....	202,681	131,719	70,962	53.9	1,371,768	1,179,960	191,808	16.3
Louisiana.....	496,516	380,997	115,519	30.3	1,159,872	1,000,628	159,244	15.9
Oklahoma.....	320,155	89,148	231,007	259.1	1,337,000	701,243	635,757	90.7
Texas.....	938,104	559,872	378,232	67.6	2,938,438	2,488,838	469,600	18.9
MOUNTAIN:								
Montana.....	133,420	89,476	43,944	49.1	242,633	153,853	88,780	57.7
Idaho.....	69,898	22,107	47,791	216.2	255,696	139,665	116,031	83.1
Wyoming.....	43,221	33,526	9,695	28.9	102,744	59,005	43,739	74.1
Colorado.....	404,840	269,662	135,178	50.1	394,184	270,038	124,146	46.0
New Mexico.....	46,571	26,484	20,087	75.8	280,730	168,826	111,904	66.3
Arizona.....	63,260	21,409	41,851	195.5	141,094	101,522	39,572	39.0
Utah.....	172,934	108,168	64,766	59.9	200,417	168,581	31,836	18.9
Nevada.....	13,367	4,500	8,867	197.0	68,508	37,835	30,673	81.1
PACIFIC:								
Washington.....	605,530	227,614	377,916	166.0	536,460	290,489	245,971	84.7
Oregon.....	307,060	142,840	164,220	115.0	365,705	270,696	95,009	35.1
California.....	1,469,739	810,193	659,546	81.4	907,810	674,860	232,950	34.5

\* A minus sign (-) denotes decrease.

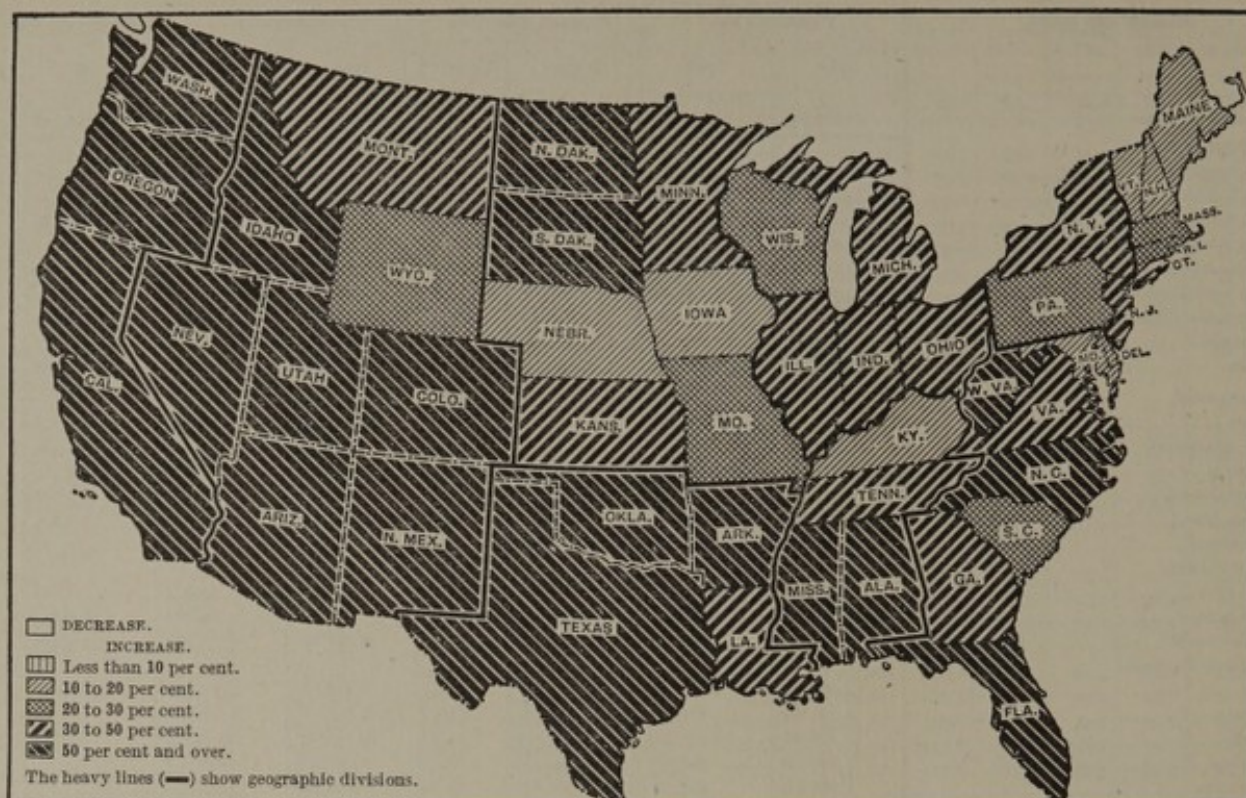
\* A decrease of less than one-tenth of 1 per cent.

\* Includes population of Indian Territory for 1900.

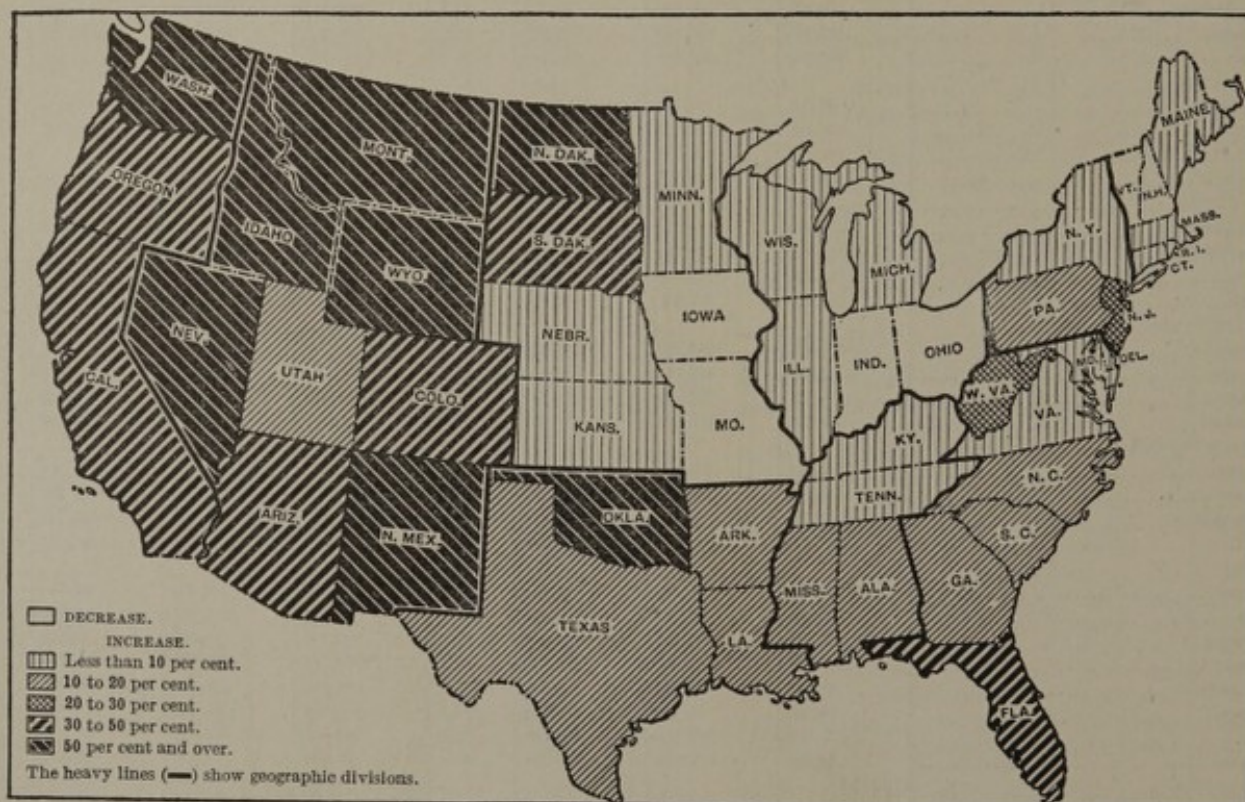


## ABSTRACT OF THE CENSUS—POPULATION.

PER CENT OF INCREASE IN URBAN POPULATION, BY STATES: 1900-1910.



PER CENT OF INCREASE IN RURAL POPULATION, BY STATES: 1900-1910.





There was in every state between 1900 and 1910 an increase in urban population, but in six states—namely, New Hampshire, Vermont, Ohio, Indiana, Iowa, and Missouri—there was a decrease in rural population. In all but two states—Montana and Wyoming—the urban population increased faster than the rural population, and generally at a much more rapid rate.

## COMMUNITIES CLASSIFIED ACCORDING TO SIZE.

Proportion in the several classes of communities.—In addition to classifying the population according to the broad grouping into urban and rural, a further analysis may be made on the basis of a more detailed size classification. The following table shows, for the

The decrease or slow increase in the rural population throughout large areas is in no sense due to lack of agricultural prosperity. On the contrary, in almost all such areas there has been a remarkable increase in the value of farm property.

The maps on the opposite page show the rates of increase or decrease in urban and in rural population since 1900 for each state.

United States, the number of places constituting each of the specified classes of cities at the censuses of 1910, 1900, and 1890, the combined population of each group, and the percentage which each group represents of the total population of the country.

Table 20

CLASS OF PLACES.	1910		1900		1890		PER CENT OF TOTAL POPULATION.		
	Number of places.	Population.	Number of places.	Population.	Number of places.	Population.	1910	1900	1890
Total population of the United States .....		91,972,296		75,994,575		62,947,714	100.0	100.0	100.0
<b>Urban territory .....</b>	<b>1,2402</b>	<b>42,623,383</b>	<b>1,891</b>	<b>30,797,185</b>	<b>1,507</b>	<b>22,720,223</b>	<b>46.3</b>	<b>40.5</b>	<b>36.1</b>
Places of 1,000,000 inhabitants or more .....	3	8,501,174	3	6,429,474	3	3,662,115	9.2	8.5	5.8
Places of 500,000 to 1,000,000 inhabitants .....	5	3,010,667	3	1,645,087	1	806,343	3.3	2.2	1.3
Places of 250,000 to 500,000 inhabitants .....	11	3,949,839	9	2,861,296	7	2,447,008	4.3	3.8	3.9
Places of 100,000 to 250,000 inhabitants .....	31	4,840,458	23	3,272,490	17	2,781,894	5.3	4.3	4.4
Places of 50,000 to 100,000 inhabitants .....	59	4,178,915	41	2,760,477	30	2,027,569	4.5	3.6	3.2
Places of 25,000 to 50,000 inhabitants .....	120	4,062,763	82	2,785,067	67	2,298,765	4.4	3.7	3.7
Places of 10,000 to 25,000 inhabitants .....	372	5,609,208	285	4,409,909	232	3,487,139	6.1	5.8	5.5
Places of 5,000 to 10,000 inhabitants .....	629	4,304,708	476	3,278,518	359	2,495,594	4.7	4.3	4.0
Places of 2,500 to 5,000 inhabitants .....	1,172	4,105,656	969	3,354,276	791	2,713,196	4.5	4.4	4.3
<b>Rural territory .....</b>		<b>49,348,883</b>		<b>45,197,390</b>		<b>40,227,491</b>	<b>53.7</b>	<b>59.5</b>	<b>63.9</b>
Incorporated places of less than 2,500 inhabitants .....	11,784	8,118,825	8,892	6,247,645	6,406	4,719,835	8.8	8.2	7.5
Other rural territory .....		41,230,058		38,949,745		35,507,656	44.8	51.3	56.4

<sup>1</sup> The total number of cities of certain classes for the United States as a whole, and for certain geographic divisions, is less than the sum of the numbers shown for the individual states of the country or of the division, for the reason that three cities each lie in two adjoining states, namely, Bristol (Virginia-Tennessee), Texarkana (Arkansas-Texas), and Union City (Indiana-Ohio), and are therefore counted twice. Moreover, one of these cities—Bristol—lies in two different geographic divisions (South Atlantic and East South Central). Each of these cities consists of two incorporated municipalities, but each is, from the statistical standpoint, one city, and should be classed according to its total population. In each case that part of the population lying in each state, whatever its number, is credited to the group of cities to which, according to the total population, the city belongs. According to total population, Bristol fell in 1910 in the class of cities of 10,000-25,000; in 1900 and in 1890, in the class 5,000-10,000; Texarkana fell in 1910 and 1900 in the class of 10,000-25,000, and in 1890 in the class 5,000-10,000; and Union City fell at each census from 1890 to 1910 in the class of 2,500-5,000.

In addition to the 46.3 per cent of the total population which in 1910 resided in communities classed by the Census Bureau as urban, 8.8 per cent resided in incorporated places of less than 2,500 inhabitants, making in all 55.1 per cent residing under conditions more or less urban in character.

Nearly one-tenth (9.2 per cent) of the total population in 1910 resided in the three cities (New York, Chicago, and Philadelphia) which had more than 1,000,000 inhabitants each. If 100,000 inhabitants be taken as the dividing line between large and medium-sized cities, it is seen that 22.1 per cent of the population resided in such large cities. Of the total population, 8.9 per cent resided in cities of medium size, ranging from 25,000 to 100,000 inhabitants, while the small urban communities of from 2,500 to 25,000 inhabitants contained 15.3 per cent.

Comparing the percentages for the three censuses, it is seen that each of the several groups of communities classed as urban comprised a larger percentage of the population of the country in 1910 than in 1900, and that, with two exceptions, each class in 1900 com-

prised a larger percentage of the total population than in 1890.

The population of each class of cities in the several divisions in 1910 is shown in Table 22 from which the percentages in Table 21 are derived. Very great differences appear among the several geographic divisions with respect to the distribution of the urban population among communities of different sizes.

Table 21

DIVISION.	PER CENT OF POPULATION IN 1910 LIVING IN—					
	Cities of—					Rural districts.
	100,000 or more.	25,000 to 100,000.	10,000 to 25,000.	5,000 to 10,000.	2,500 to 5,000.	
<b>United States .....</b>	<b>22.1</b>	<b>9.0</b>	<b>6.1</b>	<b>4.7</b>	<b>4.5</b>	<b>53.7</b>
New England .....	24.5	25.0	14.3	11.3	8.2	16.7
Middle Atlantic .....	44.5	10.9	7.0	4.5	4.1	29.0
East North Central .....	26.1	8.5	7.6	6.0	4.5	47.3
West North Central .....	13.5	6.9	3.9	4.3	4.7	66.7
South Atlantic .....	9.6	5.8	3.6	3.3	3.0	74.6
East South Central .....	7.1	3.4	2.6	2.7	2.8	81.3
West South Central .....	3.9	7.2	4.0	2.6	4.5	77.7
Mountain .....	8.1	8.8	5.5	6.6	7.0	64.0
Pacific .....	34.2	6.4	7.3	3.2	5.7	43.2



## ABSTRACT OF THE CENSUS—POPULATION.

Table 22

Table 22  DIVISION.	CITIES HAVING IN 1910 A POPULATION OF—										RURAL DISTRICTS— POPULATION.
	100,000 or more.		25,000 to 100,000.		10,000 to 25,000.		5,000 to 10,000.		2,500 to 5,000.		
	Number of places.	Aggregate population.	Number of places.	Aggregate population.	Number of places.	Aggregate population.	Number of places.	Aggregate population.	Number of places.	Aggregate population.	
United States.....	50	20,302,138	179	8,241,678	1,372	5,609,208	629	4,364,708	1,172	4,105,656	49,348,883
New England.....	8	1,606,984	34	1,637,987	61	936,553	106	738,450	153	535,371	1,097,336
Middle Atlantic.....	11	8,599,877	44	2,110,782	91	1,349,807	130	875,771	223	787,136	5,592,519
East North Central.....	10	4,761,966	38	1,553,809	88	1,396,143	154	1,086,197	232	819,156	8,633,350
West North Central.....	5	1,575,658	17	801,931	33	455,439	71	498,769	156	541,919	7,764,205
South Atlantic.....	4	1,172,021	16	712,387	27	444,714	58	397,081	105	365,950	9,102,742
East South Central.....	4	598,082	7	289,285	15	220,364	33	229,933	67	220,565	6,835,672
West South Central.....	1	339,075	12	636,814	27	354,582	33	229,386	117	397,599	6,827,078
Mountain.....	1	213,381	5	230,995	12	144,593	25	174,020	54	184,522	1,686,006
Pacific.....	6	1,435,094	6	267,688	19	307,013	19	135,096	65	237,438	1,809,975

1 See footnote to table on page 59.

Growth of the several classes of urban communities.—In comparing the growth of the several classes of urban communities from 1900 to 1910, each community is grouped, for both censuses, according to its population in 1910, so as to avoid the disturbing effect of the passage of communities from one group to another. The population shown for 1900 represents, so far as it could be ascertained, the population within the boundaries of the communities as constituted in 1910. The comparison for the United States as a whole is presented in Table 23. With one exception, there was in 1910 no very great difference in the rates of growth of the several classes of urban communities. There are two groups in which the increase in population between 1900 and 1910 was somewhat more than 40 per cent, namely, cities of from 100,000 to 250,000 inhabitants and those of from 50,000 to 100,000. For all but one of the other groups the increase was between 30 and 40 per cent. The remaining group—that comprising five cities having in 1910 from 500,000 to 1,000,000 inhabitants—showed an increase during the decade of barely 20 per cent.

Table 23

CLASS OF PLACES.	Number of places in 1910.	AGGREGATE POPULATION IN—		INCREASE: 1900-1910	
		1910	1900	Number.	Per cent.
United States.....	.....	91,972,266	75,994,575	15,977,691	21.0
Territory urban in 1910.....	12,402	42,623,383	31,609,645	11,013,738	34.8
Places of—					
1,000,000 or more.....	3	8,501,174	6,429,474	2,071,700	32.2
500,000 to 1,000,000.....	5	3,610,667	2,501,226	1,109,441	30.4
250,000 to 500,000.....	11	3,949,839	2,932,040	1,017,799	34.7
100,000 to 250,000.....	31	4,840,458	3,421,849	1,418,609	41.5
50,000 to 100,000.....	59	4,178,915	2,948,511	1,230,404	41.7
25,000 to 50,000.....	120	4,062,763	3,028,007	1,034,756	34.2
10,000 to 25,000.....	372	5,609,208	4,153,442	1,455,766	35.0
5,000 to 10,000.....	629	4,364,708	3,194,278	1,170,430	36.6
2,500 to 5,000.....	1,172	4,105,656	3,000,818	1,104,838	36.8
Remainder of country.....	.....	49,348,883	44,384,930	4,963,953	11.2

1 See footnote to table on page 59.

Table 24 presents a comparison of the increase, between 1900 and 1910, in the population of different classes of urban communities and of rural territory in each of the nine geographic divisions of the United States. The number of classes of urban communities shown in Table 24 has been reduced to three by consolidating some of the minor groups shown in the table immediately preceding.

Table 24

DIVISION.	CITIES OF 100,000 OR MORE IN 1910.				CITIES OF 25,000 TO 100,000 IN 1910.				CITIES OF 2,500 TO 25,000 IN 1910.				TERRITORY RURAL IN 1910.			
	Num-ber.	Aggregate population.		Per cent of in-crease.	Num-ber.	Aggregate population.		Per cent of in-crease.	Num-ber.	Aggregate population.		Per cent of in-crease.	Population.		Per cent of in-crease.	
		1910	1900			1910	1900			1910	1900		1910	1900		
United States.....	50	20,302,138	15,284,589	32.8	179	8,241,678	5,976,518	37.9	1,372	14,079,567	10,348,538	36.1	49,348,883	44,384,930	11.2	
New England.....	8	1,606,984	1,325,651	21.2	34	1,637,987	1,269,941	29.0	320	2,210,374	1,893,909	16.7	1,097,336	1,102,486	-0.5	
Middle Atlantic.....	11	8,599,877	6,575,912	30.8	44	2,110,782	1,574,958	34.0	444	3,012,714	2,156,847	39.7	5,592,519	5,146,961	8.7	
East North Central.....	10	4,761,966	3,600,614	32.3	38	1,553,809	1,127,923	37.8	474	3,301,496	2,619,474	26.0	8,633,350	8,637,570	(?)	
West North Central.....	5	1,575,658	1,208,321	30.4	17	801,931	640,320	25.2	260	1,496,127	1,173,823	27.5	7,764,205	7,324,759	6.0	
South Atlantic.....	4	1,172,021	974,643	20.3	16	712,387	516,427	37.9	190	1,207,745	846,647	42.7	9,102,742	8,105,763	12.3	
East South Central.....	4	598,082	444,444	34.6	7	289,285	237,257	21.9	115	686,862	504,589	36.1	6,835,672	6,361,352	7.5	
West South Central.....	1	339,075	287,104	18.1	12	636,814	331,409	92.2	177	981,567	543,223	80.7	6,827,078	5,370,669	27.1	
Mountain.....	1	213,381	140,472	51.9	5	230,995	149,556	54.5	91	503,135	285,304	76.4	1,686,006	1,099,325	53.4	
Pacific.....	6	1,435,094	727,428	97.3	6	267,688	128,327	108.3	103	679,547	324,692	109.3	1,809,975	1,236,045	46.4	

1 A minus sign (—) denotes decrease.

2 See footnote to table on page 59.

3 A decrease of less than one-tenth of 1 per cent.



## METROPOLITAN DISTRICTS.

In its general tables dealing with the population of cities, the Bureau of the Census must necessarily deal with political units, or, in other words, with the population contained within the municipal boundaries of each city. It is a familiar fact that, in some cases, the municipal boundaries give only an inadequate idea of the population grouped about one urban center. In the case of many cities there are suburban districts with a dense population outside the city limits, which, in a certain sense, are as truly a part of the city as the districts which are under the municipal government.

It seems desirable, therefore, to show the magnitude of each of the principal population centers taken as a whole. Statistics have been compiled for each city in the United States with a population of 200,000 inhabitants or more, which, in addition to the population within the city limits, show the population in adjoining communities which may be considered as intimately associated with the urban center. Such districts are designated as "metropolitan districts."

In laying out such metropolitan districts the population is first determined for all civil divisions (that is, cities, towns, boroughs, townships, precincts, etc.) located within 10 miles of the city boundaries. Divisions which lie partly within and partly without the 10-mile limit are included if either one-half of their total population or one-half of their total area comes within that limit. State boundaries are disregarded, so that in some cases the metropolitan district lies partly in two states.

From the territory lying within the limits thus determined there have been deducted all divisions which have a population of less than about 150 or 200 inhabitants per square mile. Where the density of population is less, the division may be considered as rural rather than urban in character, and as not properly a part of the metropolitan district. There are a few exceptions to this rule where a minor civil division has been included within the metropolitan district, even though it had a lower density than that just stated, because that division was completely or almost surrounded by other civil divisions having a density which would require them to be included. The exception in such cases seems justified in order to avoid undue irregularity in the shape of the districts, or gaps lying wholly within their area.

Since a strict application of the rules for determining the metropolitan district of Boston would give an area

almost identical with the area of the "industrial district" of Boston, as laid out in a previous census bulletin (1909), the latter area is for convenience of comparison considered as the metropolitan district. The same is true of New York City, except that Nassau County, which was not included in the industrial district, has been added to the metropolitan district. In the case of the other industrial districts shown in the bulletin mentioned, the areas were so different from the metropolitan districts, as determined by the application of the rule here described, that no attempt was made to secure conformity.

Table 25 on the next page shows for 1910 and 1900 the population of 25 metropolitan districts as defined by the Census Bureau, distinguishing the population lying within the city proper from that outside the city. The cities are arranged in the order of the aggregate population of the metropolitan district.

It will be noted that two cities of more than 200,000 inhabitants—Newark and Jersey City—do not appear in the table, for the reason that they are included within the metropolitan district of New York.

The importance of the suburbs of great cities is conspicuously indicated by the combined statistics for the 25 metropolitan districts, which appear at the beginning of the table. The combined population of the metropolitan districts in 1910 was 22,088,331, of which 17,099,904 represents the population of the central cities and 4,988,427 that of the suburban areas, the latter being equal to nearly 30 per cent of the population of the cities proper. The figure of 17,099,904 represents the population of 28 cities, since there are three metropolitan districts in each of which there are two cities of such large population that both are treated as the central cities of the district, namely, Minneapolis and St. Paul; Kansas City, Kans., and Kansas City, Mo.; and San Francisco and Oakland.

The table shows further that the population of the metropolitan districts lying outside of the central cities increased between 1900 and 1910 somewhat more rapidly than that within their boundaries, the increase for the suburban districts being 43 per cent and for the cities proper 33.2 per cent.

The table emphasizes the well-known fact that the cities of the country have quite a different rank when their suburbs are taken into account from that which they hold when only the population within the city boundaries proper is considered.



## ABSTRACT OF THE CENSUS—POPULATION.

## POPULATION OF METROPOLITAN DISTRICTS: 1910 AND 1900.

Table 25

Table 25	CITIES OF 200,000 INHABITANTS OR MORE.				CITY.	CITIES OF 200,000 INHABITANTS OR MORE.					
	CITY.	Area in acres: 1910	Population.			Per cent of increase: 1900-1910	CITY.	Area in acres: 1910	Population.		Per cent of increase: <sup>1</sup> 1900-1910
			1910	1900					1910	1900	
Total for 25 metropolitan districts.....											
In central cities (28 cities).....											
Outside central cities.....											
NEW YORK.											
Metropolitan district.....											
In city proper.....											
Outside.....											
CHICAGO.											
Metropolitan district.....											
In city proper.....											
Outside.....											
PHILADELPHIA.											
Metropolitan district.....											
In city proper.....											
Outside.....											
BOSTON.											
Metropolitan district.....											
In city proper.....											
Outside.....											
PITTSBURGH.											
Metropolitan district.....											
In city proper.....											
Outside.....											
ST. LOUIS.											
Metropolitan district.....											
In city proper.....											
Outside.....											
SAN FRANCISCO-OAKLAND.											
Metropolitan district.....											
In city proper (San Francisco).....											
In city proper (Oakland).....											
Outside.....											
BALTIMORE.											
Metropolitan district.....											
In city proper.....											
Outside.....											
CLEVELAND.											
Metropolitan district.....											
In city proper.....											
Outside.....											
CINCINNATI.											
Metropolitan district.....											
In city proper.....											
Outside.....											
MINNEAPOLIS-ST. PAUL.											
Metropolitan district.....											
In city proper (Minneapolis).....											
In city proper (St. Paul).....											
Outside.....											
DETROIT.											
Metropolitan district.....											
In city proper.....											
Outside.....											
BUFFALO.											
Metropolitan district.....											
In city proper.....											
Outside.....											
LOS ANGELES.											
Metropolitan district.....											
In city proper.....											
Outside.....											
MILWAUKEE.											
Metropolitan district.....											
In city proper.....											
Outside.....											
PROVIDENCE.											
Metropolitan district.....											
In city proper.....											
Outside.....											
WASHINGTON.											
Metropolitan district.....											
In city proper.....											
Outside.....											
NEW ORLEANS.											
Metropolitan district.....											
In city proper.....											
Outside.....											
KANSAS CITY (MO. AND KANS.).											
Metropolitan district.....											
In city proper (Kans. City, Mo.).....											
In city proper (Kans. City, Kans.).....											
Outside.....											
LOUISVILLE.											
Metropolitan district.....											
In city proper.....											
Outside.....											
ROCHESTER.											
Metropolitan district.....											
In city proper.....											
Outside.....											
SEATTLE.											
Metropolitan district.....											
In city proper.....											
Outside.....											
INDIANAPOLIS.											
Metropolitan district.....											
In city proper.....											
Outside.....											
DENVER.											
Metropolitan district.....											
In city proper.....											
Outside.....											
PORTLAND, OREG.											
Metropolitan district.....											
In city proper.....											
Outside.....											

1 A minus sign (—) denotes decrease.

NOTE.—The following statement gives the name and population of each municipality of 5,000 inhabitants or more falling within each metropolitan district, except the central city itself.

**New York district.**—New York: Yonkers city, 79,803; Mount Vernon city, 30,919; New Rochelle city, 28,867; Mamaroneck village, 5,699. New Jersey: Newark city, 347,469; Jersey City, 267,779; Paterson city, 125,600; Elizabeth city, 73,409; Hoboken city, 70,324; Bayonne city, 55,545; Passaic city, 54,773; West Hoboken town, 35,403; East Orange city, 34,371; Perth Amboy city, 32,121; Orange city, 29,630; Montclair town, 21,550; Union town, 21,023; Kearny town, 18,639; Bloomfield town, 15,070; Harrison town, 14,498; Hackensack town, 14,030; West New York town, 13,500; Irvington town, 11,877; Englewood city, 9,924; Rahway city, 9,337; Rutherford borough, 7,045; South Orange village, 6,014; Nutley town, 6,009; Roosevelt borough, 5,786; Guttenberg town, 5,647.

**Chicago district.**—Illinois: Evanston city, 24,978; Oak Park village, 10,444; Cicero town, 14,557; Chicago Heights city, 14,523; Blue Island village, 8,043; Maywood village, 8,033; Harvey city, 7,227; Forest Park village, 6,594; Berwyn city, 5,841; La Grange village, 5,282. Indiana: Hammond city, 20,925; East Chicago city, 19,098; Gary city, 16,802; Whiting city, 6,587.

**Philadelphia district.**—Pennsylvania: Chester city, 38,537; Norristown borough, 27,875; Bristol borough, 9,256; Conshohocken borough, 7,480; Darby borough, 6,305. New Jersey: Camden city, 94,538; Gloucester city, 9,462; Burlington city, 8,336.

**Boston district.**—Cambridge city, 104,839; Lynn city, 89,336; Somerville city, 77,236; Malden city, 44,404; Salem city, 43,097; Newton city, 39,806; Everett city, 33,484; Quincy city, 32,542; Chelsea city, 32,452; Waltham city, 27,834; Brookline town, 27,792; Medford city, 23,156; Revere town, 18,219; Peabody town, 15,721; Melrose city, 15,715; Hyde Park town, 15,507; Woburn city, 15,308; Framingham town, 12,948; Weymouth town, 12,895; Watertown town, 12,875; Wakefield town, 11,404; Arlington town, 11,187; Winthrop town, 10,132; Natick town, 9,806; Winchester town, 9,306; Dedham town, 9,284; Braintree town, 8,066; Saugus town, 8,047; Norwood town, 8,014; Milton town, 7,924; Marblehead town, 7,338; Stoneham town, 7,090; Swampscott town, 6,204; Belmont town, 5,542; Wellesley town, 5,413; Needham town, 5,026.

**Pittsburgh district.**—McKeesport city, 42,694; Braddock borough, 19,357; Wilkinsburg borough, 18,924; Homestead borough, 18,713; Duquesne borough, 15,727; McKees Rocks borough, 14,702; North Braddock borough, 11,824; Carnegie borough, 10,009; Sharpsburg borough, 8,153; Jeannette borough, 8,077; Millvale borough, 7,861; New Kensington borough, 7,707; Tarentum borough, 7,414; Swissvale borough, 7,381; Bellevue borough, 6,323; Wilmerding borough, 6,133; Carrick borough, 6,117; Rankin borough, 6,042; Etna borough, 5,830; Knoxville borough, 5,651; St. Clair borough, 5,640; East Pittsburgh borough, 5,615; Glassport borough, 5,540; Cornopolis borough, 5,252; Munhall borough, 5,185.

**St. Louis district.**—Missouri: Wellston city, 7,312; Webster Groves city, 7,080. Illinois: East St. Louis city, 58,547; Granite city, 9,903; Madison village, 5,046.

**San Francisco-Oakland district.**—Berkeley city, 40,434; Alameda city, 23,383; Richmond city, 8,802; San Rafael city, 5,934.

**Cleveland district.**—Lakewood city, 15,181; East Cleveland city, 9,179; Newburgh city, 5,813.

**Cincinnati district.**—Ohio: Norwood city, 16,185; Madisonville city, 5,193; St. Bernard city, 5,002. Kentucky: Covington city, 53,270; Newport city, 30,309; Dayton city, 6,979; Bellevue city, 6,683.

**Detroit district.**—Wyandotte city, 8,287.

**Buffalo district.**—Lackawanna city, 14,549; North Tonawanda city, 11,955; Tonawanda city, 8,290.

**Los Angeles district.**—Pasadena city, 30,291; Long Beach city, 17,809; Santa Monica city, 7,847; Alhambra city, 5,021.

**Milwaukee district.**—West Allis city, 6,645; South Milwaukee city, 6,092.

**Providence district.**—Pawtucket city, 51,622; Warwick town, 26,629; Central Falls city, 22,754; Cranston city, 21,107; East Providence town, 15,808; Cumberland town, 10,107; Lincoln town, 9,825; Johnston town, 5,935; North Providence town, 5,407.

**Washington district.**—Alexandria city (Va.), 15,329.

**Kansas City (Mo. and Kans.) district.**—Rosedale city (Kans.), 5,960.

**Louisville district.**—Indiana: New Albany city, 20,629; Jeffersonville city, 10,412.



# POPULATION OF CITIES.

63

## POPULATION OF INDIVIDUAL CITIES.

The statistics of population for individual cities and other incorporated places having, in 1910, 2,500 inhabitants or more are given in this section.

Table 27 shows the population of cities having, in 1910, 25,000 inhabitants or more as reported at the censuses of 1910, 1900, and 1890, with the per cent of increase from 1900 to 1910 and from 1890 to 1900.

Table 28 (pp. 65 to 75) shows the population of incorporated places and New England towns having, in 1910, 2,500 inhabitants or more, alphabetically arranged by states, as reported at the last three Federal censuses, namely, those of 1910, 1900, and 1890.

In using the figures given in these tables, it should be remembered that, in some instances, the growth of a city or other incorporated place may have been due in part to annexation of suburban territory. Except in the cases of New York City, Pittsburgh, and a few other similar consolidations mentioned in footnotes

to these tables, no allowance has been made for such annexations.

Of the 225 cities of 25,000 inhabitants or more for which comparative figures for the two decades are given, 153 showed a greater absolute increase in the decade 1900 to 1910 than in the preceding decade, and 114 of these showed also a higher percentage of increase.

As regards rates of increase from 1900 to 1910, the cities having at least 25,000 inhabitants are distributed as shown in the following table:

Table 26	RATE OF INCREASE: 1900-1910	United States.	Northern states.	Southern states.	Western states.
Total	.....	229	167	44	18
Over 100 per cent.	.....	22	4	9	9
70 to 100 per cent.	.....	17	9	7	1
50 to 70 per cent.	.....	29	22	3	4
30 to 50 per cent.	.....	54	46	6	2
20 to 30 per cent.	.....	47	39	6	2
10 to 20 per cent.	.....	42	26	6	.....
Under 10 per cent.	.....	15	9	6	.....
Decrease.	.....	3	2	1	.....

## POPULATION OF CITIES HAVING, IN 1910, 25,000 INHABITANTS OR MORE, WITH PER CENT OF INCREASE: 1890-1910.

CITY.	POPULATION.			PER CENT OF INCREASE. <sup>1</sup>		CITY.	POPULATION.			PER CENT OF INCREASE. <sup>1</sup>	
	1910	1900	1890	1900-1910	1890-1900		1910	1900	1890	1900-1910	1890-1900
<b>Alabama</b>						<b>Illinois</b>					
Birmingham	132,685	38,415	26,178	245.4	46.7	Aurora	29,807	24,147	19,688	23.4	22.6
Mobile	51,521	38,469	31,076	33.9	23.8	Bloomington	25,768	23,286	20,484	10.7	13.7
Montgomery	38,136	30,346	21,883	25.7	38.7	Chicago	2,185,283	1,698,575	1,099,850	28.7	54.4
<b>Arkansas</b>						Danville	27,871	16,354	11,491	70.4	42.3
Little Rock	45,941	38,307	25,874	19.9	48.1	Decatur	31,140	20,754	16,841	50.0	23.2
<b>California</b>						East St. Louis	58,547	29,635	15,169	97.4	95.5
Berkeley	40,434	13,214	5,101	206.0	159.0	Elgin	25,976	22,433	17,823	15.8	25.9
Los Angeles	319,198	102,479	50,395	211.5	103.4	Joliet	34,670	29,353	23,264	18.1	26.2
Oakland	150,174	66,960	48,682	124.3	37.5	Peoria	66,950	56,100	41,024	19.3	36.7
Pasadena	30,291	9,117	4,882	232.2	86.7	Quincy	36,587	36,252	31,494	0.9	15.1
Sacramento	44,696	29,282	25,386	52.6	11.0	Rockford	45,401	31,051	23,584	46.2	31.7
San Diego	39,578	17,700	16,159	123.6	9.5	Springfield	51,678	34,159	24,963	51.3	36.8
San Francisco	416,912	342,782	298,997	21.6	14.6	<b>Indiana</b>					
San Jose	28,946	21,500	18,060	34.6	19.0	Evansville	69,647	59,007	50,756	18.0	16.3
<b>Colorado</b>						Fort Wayne	63,933	45,115	35,393	41.7	27.5
Colorado Springs	29,078	21,085	11,140	37.9	89.3	Indianapolis	233,650	109,164	105,436	38.1	60.4
Denver	213,381	133,859	106,713	59.4	25.4	South Bend	53,684	35,999	21,819	49.1	65.0
Pueblo	44,395	28,157	24,558	57.7	14.7	Terre Haute	58,157	36,673	30,217	58.6	21.4
<b>Connecticut</b>						<b>Iowa</b>					
Bridgeport <sup>2</sup>	102,054	70,996	48,866	43.7	45.3	Cedar Rapids	32,811	25,656	18,020	27.9	42.4
Hartford <sup>2</sup>	98,915	79,850	53,230	23.9	50.0	Clinton	25,577	22,698	13,619	12.7	66.7
Meriden town	32,066	28,695	25,423	11.7	12.9	Council Bluffs	29,292	25,802	21,474	13.5	20.2
Meriden city	27,865	24,296	21,652	12.2	12.2	Davenport	43,028	35,254	26,872	22.1	31.2
New Britain <sup>2</sup>	43,916	25,998	16,519	68.9	57.4	Des Moines	86,368	62,139	50,093	39.0	24.0
New Haven <sup>2</sup>	133,605	108,027	81,298	23.7	32.9	Dubuque	38,494	36,297	30,311	6.1	19.7
Norwich town	28,219	24,637	23,048	14.5	6.9	Sioux City	47,828	33,111	37,806	44.4	12.4
Stamford town	28,836	18,839	15,700	53.1	20.0	Waterloo	26,693	12,580	6,674	112.2	88.5
Stamford city	25,158	15,997	.....	57.1	.....	<b>Kansas</b>					
Waterbury <sup>2</sup>	73,141	45,859	28,646	59.5	60.1	Kansas City	82,331	51,418	38,316	60.1	34.2
<b>Delaware</b>						Topeka	43,684	33,608	31,007	30.0	8.4
Wilmington	87,411	76,508	61,431	14.3	24.5	Wichita	52,450	24,671	23,853	112.6	3.4
<b>District of Columbia</b>						<b>Kentucky</b>					
Washington <sup>2</sup>	331,069	278,718	230,392	18.8	21.0	Covington	53,270	42,938	37,371	24.1	14.9
<b>Florida</b>						Lexington	35,099	26,369	21,567	33.1	22.3
Jacksonville	57,699	28,429	17,201	103.0	65.3	Louisville	223,928	204,731	161,129	9.4	27.1
Tampa	37,782	15,839	5,532	138.5	186.3	Newport	30,309	28,301	24,918	7.1	13.6
<b>Georgia</b>						<b>Louisiana</b>					
Atlanta	154,839	89,872	65,533	72.3	37.1	New Orleans	339,075	287,104	242,039	18.1	18.6
Augusta	41,040	39,441	33,300	4.1	18.4	Shreveport	28,015	16,013	11,979	75.0	33.7
Macon	40,665	23,272	22,746	74.7	2.3	<b>Maine</b>					
Savannah	65,064	54,244	43,189	19.9	25.6	Lewiston	26,247	23,761	21,701	10.5	9.5
<b>Idaho</b>						Portland	58,571	50,145	36,425	16.8	37.7
<b>Illinois</b>						<b>Maryland</b>					
<b>Indiana</b>						Baltimore	558,485	508,957	434,439	9.7	17.2

<sup>1</sup> A minus sign (—) denotes decrease.

<sup>2</sup> Town and city now coextensive.

<sup>3</sup> Population is for the District of Columbia, with which the city is coextensive.



## ABSTRACT OF THE CENSUS—POPULATION.

POPULATION OF CITIES HAVING, IN 1910, 25,000 INHABITANTS OR MORE, WITH PER CENT OF INCREASE: 1890-1910—Continued.

Table 27—Continued.											
CITY.	POPULATION.			PER CENT OF INCREASE. <sup>1</sup>		CITY.	POPULATION.			PER CENT OF INCREASE. <sup>1</sup>	
	1910	1900	1890	1900-1910	1890-1900		1910	1900	1890	1900-1910	1890-1900
<b>Massachusetts</b>						<b>New York—Con.</b>					
Boston.....	670,585	560,892	448,477	19.6	25.1	Newburgh.....	27,805	24,943	23,087	11.5	8.0
Brookline.....	56,878	40,063	27,294	42.0	46.8	Niagara Falls.....	30,445	19,457	19,457	56.5	.....
Brookline town.....	27,792	19,935	12,103	30.4	64.7	Poughkeepsie.....	27,936	24,029	22,206	16.3	8.2
Cambridge.....	104,839	91,886	70,028	14.1	31.2	Rochester.....	218,149	162,608	133,896	34.2	21.4
Chelsea.....	32,452	34,072	27,909	-4.8	22.1	Schenectady.....	72,826	31,682	19,902	129.9	59.2
Chicopee.....	25,401	19,167	14,050	32.5	36.4	Syracuse.....	137,249	108,374	88,143	26.6	23.0
Everett.....	33,484	24,336	11,068	37.6	119.9	Troy.....	76,813	60,651	60,956	26.6	-0.5
Fall River.....	119,285	104,863	74,398	13.8	40.9	Utica.....	74,419	56,383	44,007	32.0	28.1
Fitchburg.....	37,826	31,531	22,037	20.0	43.1	Watertown.....	26,730	21,696	14,725	23.2	47.3
Haverhill.....	44,115	37,175	27,412	18.7	35.6	Yonkers.....	79,803	47,931	32,033	66.5	49.6
Holyoke.....	57,730	45,712	35,637	26.3	28.3	<b>North Carolina</b>					
Lawrence.....	85,892	62,559	44,654	37.3	40.1	Charlotte.....	34,014	18,091	11,557	88.0	56.5
Lowell.....	106,294	94,969	77,696	11.9	22.2	Wilmington.....	25,748	20,976	20,056	22.7	4.6
Lynn.....	89,336	68,513	55,727	30.4	22.9	<b>Ohio</b>					
Malden.....	44,404	33,664	25,031	31.9	46.2	Akron.....	69,067	42,728	27,601	61.6	54.8
New Bedford.....	96,652	62,442	40,733	54.8	53.3	Canton.....	50,217	30,667	26,189	63.7	17.1
Newton.....	39,806	33,587	24,379	18.5	37.8	Cincinnati.....	363,501	325,902	296,908	11.6	9.8
Pittsfield.....	52,121	21,766	17,281	47.6	26.0	Cleveland.....	560,663	381,768	261,353	46.9	46.1
Quincy.....	32,642	23,899	16,723	36.6	42.9	Columbus.....	181,511	125,560	88,150	44.6	42.4
Salem.....	43,097	35,956	30,801	21.5	16.7	Dayton.....	116,577	85,333	61,229	36.6	39.4
Somerville.....	77,296	61,643	40,152	25.3	53.5	Hamilton.....	35,279	23,914	17,565	47.5	36.1
Springfield.....	88,926	62,039	44,179	43.3	40.5	Lima.....	30,508	21,723	15,981	40.4	35.9
Taunton.....	34,259	31,036	25,448	10.4	22.0	Lorain.....	28,883	16,028	4,863	80.2	229.6
Waltham.....	27,834	23,481	18,707	18.5	25.5	Newark.....	25,404	18,157	14,270	39.9	27.2
Worcester.....	145,986	118,421	84,655	23.3	39.9	Springfield.....	46,921	38,253	31,895	22.7	19.9
<b>Michigan</b>						Toledo.....	168,497	131,822	81,434	27.8	61.9
Battle Creek.....	25,267	18,563	13,197	36.1	40.7	Youngstown.....	79,066	44,885	33,220	76.2	35.1
Bay City.....	45,166	27,628	27,839	63.5	-0.8	Zanesville.....	28,026	23,538	21,009	19.1	12.0
Detroit.....	465,766	285,704	205,876	63.0	38.8	<b>Oklahoma</b>					
Flint.....	38,550	13,103	9,803	194.2	33.7	Muskogee.....	25,378	4,254	.....	494.2	.....
Grand Rapids.....	112,571	87,565	60,278	28.6	45.3	Oklahoma City.....	64,205	10,037	4,151	539.7	141.8
Jackson.....	31,453	25,180	20,798	24.8	21.1	<b>Oregon</b>					
Kalamazoo.....	39,437	24,404	17,853	61.6	36.7	Portland.....	207,214	90,426	46,385	129.2	94.9
Lansing.....	31,229	16,485	13,102	89.4	25.8	<b>Pennsylvania</b>					
Saginaw.....	50,510	42,345	46,322	19.3	-8.6	Allentown.....	51,913	35,416	25,228	46.6	40.4
<b>Minnesota</b>						Altoona.....	52,127	38,973	30,337	33.8	28.5
Duluth.....	78,466	52,969	33,115	48.1	60.0	Chester.....	38,537	33,988	20,226	13.4	68.0
Minneapolis.....	301,408	202,718	164,738	48.7	23.1	Easton.....	28,523	25,238	14,481	13.0	74.3
St. Paul.....	214,744	163,065	133,156	31.7	22.5	Erie.....	66,525	52,733	40,634	26.2	29.8
<b>Missouri</b>						Harrisburg.....	64,186	50,167	39,385	27.9	27.4
Joplin.....	32,073	26,023	9,943	23.2	161.7	Hazleton.....	25,452	14,230	11,872	78.9	19.9
Kansas City.....	248,381	163,752	132,716	51.7	23.4	Johnstown.....	55,482	35,936	21,805	54.4	64.8
St. Joseph.....	77,403	102,979	52,324	-24.8	96.8	Lancaster.....	47,227	41,459	32,011	13.9	29.5
St. Louis.....	687,029	575,238	451,770	19.4	27.3	McKeesport.....	42,694	34,227	20,741	24.7	65.0
Springfield.....	35,201	23,267	21,850	51.3	6.5	New Castle.....	36,280	28,339	11,600	28.0	144.3
<b>Montana</b>						Norristown borough.....	27,875	22,265	19,791	25.2	12.5
Butte.....	39,165	30,470	10,723	28.5	184.2	Philadelphia.....	1,549,008	1,293,697	1,046,964	19.7	23.6
<b>Nebraska</b>						Pittsburgh.....	533,905	451,512	343,904	18.2	31.3
Lincoln.....	43,973	40,169	55,154	9.5	-27.2	Reading.....	96,071	78,961	58,661	21.7	34.6
Omaha.....	124,096	102,555	140,452	21.0	-27.0	Seranton.....	129,867	102,026	75,215	27.3	35.6
South Omaha.....	26,259	26,001	8,062	1.0	222.5	Shenandoah borough.....	25,774	20,321	15,944	26.8	27.5
<b>New Hampshire</b>						Wilkes-Barre.....	67,105	51,721	37,718	29.7	37.1
Manchester.....	70,063	56,987	44,126	22.9	29.1	Williamsport.....	31,890	28,757	27,132	10.8	6.0
Nashua.....	26,005	23,898	19,311	8.8	23.8	York.....	44,750	33,708	20,793	32.8	62.1
<b>New Jersey</b>						<b>Rhode Island</b>					
Atlantic City.....	46,150	27,838	13,065	65.8	113.2	Newport.....	27,149	22,441	19,457	21.0	15.3
Bayonne.....	55,545	32,722	19,033	69.7	71.9	Pawtucket.....	51,622	39,231	27,633	31.6	42.0
Camden.....	94,538	75,935	58,313	24.5	30.2	Providence.....	224,326	175,597	132,146	27.8	32.9
East Orange.....	34,371	21,506	.....	59.8	.....	Warwick town.....	26,629	21,316	17,761	24.9	20.0
Elizabeth.....	73,409	52,150	37,764	40.8	38.0	Woonsocket.....	38,125	28,204	20,830	35.2	35.4
Hoboken.....	70,324	59,364	43,648	18.5	36.0	<b>South Carolina</b>					
Jersey City.....	267,779	206,433	163,003	29.7	26.6	Charleston.....	58,833	55,807	54,955	5.4	1.6
Newark.....	347,469	246,070	181,830	41.2	35.3	Columbia.....	26,319	21,108	15,353	24.7	37.5
Orange.....	29,630	24,141	18,844	22.7	28.1	<b>Tennessee</b>					
Pasadena.....	54,773	27,777	13,028	97.2	113.2	Chattanooga.....	44,604	30,154	29,100	47.9	3.6
Paterson.....	125,600	105,171	78,347	19.4	34.2	Knoxville.....	36,346	32,637	22,535	11.4	44.8
Perth Amboy.....	32,121	17,099	9,512	81.5	86.1	Memphis.....	131,105	102,320	64,495	28.1	58.6
Trenton.....	96,815	73,307	57,458	32.1	27.6	Nashville.....	110,361	80,865	76,168	36.5	6.2
West Hoboken town.....	35,463	23,094	.....	53.3	.....	<b>Texas</b>					
<b>New York</b>						Austin.....	29,860	22,258	14,575	34.2	52.7
Albany.....	100,253	94,151	94,923	6.5	-0.8	Dallas.....	92,104	42,638	38,067	116.0	12.0
Amsterdam.....	31,267	20,929	17,336	49.4	20.7	El Paso.....	39,279	15,906	30,338	146.9	53.9
Auburn.....	34,668	30,345	25,858	14.2	17.4	Fort Worth.....	73,312	26,688	30,076	174.7	15.7
Binghamton.....	48,443	39,647	35,005	22.2	13.3	Galveston.....	36,981	37,789	20,084	-2.1	29.9
Buffalo.....	423,715	352,387	255,664	20.2	37.8	Houston.....	78,800	44,633	27,557	76.6	62.0
Elmira.....	37,176	35,672	30,893	4.2	15.5	San Antonio.....	96,614	53,321	37,673	81.2	41.5
Jamestown.....	31,297	22,892	16,038	36.7	42.7	Waco.....	26,425	20,686	14,445	27.7	43.2
Kingston.....	25,908	24,535	21,261	5.6	15.4						
Mount Vernon.....	30,919	21,228	10,830	45.7	96.0						
New Rochelle.....	28,867	14,720	9,057	96.1	62.5						
New York.....	4,766,883	3,437,202	2,507,414	38.7	37.1						
Manhattan Borough.....	2,331,542	1,850,093	1,441,218	26.0	28.4						
Bronx Borough.....	430,980	200,507	88,368	114.9	125.5						
Brooklyn Borough.....	1,634,351	1,166,582	858,547	40.1	39.1						
Queens Borough.....	284,041	152,999	87,070	85.6	75.8						
Richmond Borough.....	85,969	67,021	51,693	28.3	29.7						

<sup>1</sup>A minus sign (-) denotes decrease.<sup>2</sup>Population of New York and its boroughs as now constituted.<sup>3</sup>Includes population of Allegheny: 1900, 129,896; 1890, 105,287.



# POPULATION OF CITIES.

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POPULATION OF CITIES HAVING, IN 1910, 25,000 INHABITANTS OR MORE, WITH PER CENT OF INCREASE: 1890-1910—Continued.

CITY.	POPULATION.			PER CENT OF INCREASE. <sup>1</sup>		CITY.	POPULATION.			PER CENT OF INCREASE. <sup>1</sup>	
	1910	1900	1890	1900-1910	1890-1900		1910	1900	1890	1900-1910	1890-1900
<b>Utah</b>						<b>West Virginia</b>					
Ogden.....	25,580	16,313	14,889	56.8	9.6	Huntington.....	31,161	11,923	10,108	161.4	18.0
Salt Lake City.....	92,777	53,531	44,843	73.3	19.4	Wheeling.....	41,641	38,878	34,522	7.1	12.6
<b>Virginia</b>						<b>Wisconsin</b>					
Lynchburg.....	29,494	18,891	19,709	56.1	-4.2	Green Bay.....	25,236	18,684	9,069	35.1	106.0
Norfolk.....	67,452	46,624	34,871	44.7	33.7	La Crosse.....	30,417	28,895	25,090	5.3	15.2
Portsmouth.....	33,190	17,427	13,268	90.5	31.3	Madison.....	25,531	19,164	13,426	33.2	42.7
Richmond.....	127,628	85,050	81,338	50.1	4.5	Milwaukee.....	373,857	285,315	204,408	31.0	39.5
Roanoke.....	34,874	21,495	16,159	62.2	33.0	Oshkosh.....	33,062	28,284	22,836	16.9	23.9
<b>Washington</b>						Racine.....	38,002	29,102	21,014	30.6	38.5
Seattle.....	237,194	80,671	42,837	194.0	88.3	Sheboygan.....	26,398	22,962	16,359	15.0	40.4
Spokane.....	104,402	36,848	19,922	183.3	85.0	Superior.....	40,384	31,091	11,983	29.9	159.5
Tacoma.....	83,743	37,714	36,006	122.0	4.7						

<sup>1</sup> A minus sign (-) denotes decrease.

## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Alabama</b>				<b>Arkansas—Con.</b>				<b>California—Con.</b>			
Alabama City town.....	4,313	2,276	.....	Fort Smith city.....	23,975	11,587	11,311	Orange city.....	2,920	1,216	866
Anniston city.....	12,794	9,695	9,998	Helena city.....	8,772	5,550	5,189	Oroville city.....	3,859	.....	.....
Attalla town.....	2,513	1,692	1,254	Hope city.....	3,639	1,644	1,937	Oxnard city.....	2,555	.....	.....
Bessemer city.....	10,864	6,358	4,544	Hot Springs city.....	14,434	9,973	8,086	Palo Alto city.....	4,486	1,658	.....
Birmingham city.....	132,685	38,415	26,178	Jonesboro city.....	7,123	4,508	2,065	Pasadena city.....	30,291	9,117	4,882
Decatur city.....	4,228	3,114	2,765	Little Rock city.....	45,941	38,307	25,874	Petaluma city.....	5,880	3,871	3,692
Dothan city.....	7,016	3,275	247	Malvern town.....	2,778	1,582	1,520	Pomona city.....	10,207	5,526	3,634
Eufaula city.....	4,259	4,532	4,394	Marianna city.....	4,810	1,707	1,126	Porterville city.....	2,696	.....	.....
Florence city.....	6,689	6,478	6,012	Mena town.....	3,953	3,423	.....	Red Bluff city.....	3,530	2,750	2,608
Gadsden city.....	10,557	4,282	2,901	Newport town.....	3,557	2,866	1,571	Redding city.....	3,572	2,946	1,821
Girard city.....	4,214	3,840	.....	Paragould city.....	5,248	3,324	1,666	Redlands city.....	10,449	4,797	1,904
Greenville city.....	3,377	3,162	2,806	Pine Bluff city.....	15,102	11,496	9,952	Redondo Beach city.....	2,935	835	603
Huntsville town.....	7,611	8,068	7,995	Prescott town.....	2,705	2,005	1,287	Richmond city.....	6,802	.....	.....
Jasper town.....	2,509	1,661	780	Rogers town.....	2,820	2,158	1,265	Riverside city.....	15,212	7,973	4,683
Latnet town.....	3,820	2,909	777	Russellville city.....	2,936	1,832	1,321	Roseville city.....	2,608	.....	.....
Mobile city.....	51,521	38,469	31,076	Stuttgart city.....	2,740	1,258	1,165	San Jose city.....	28,946	21,500	18,060
Montgomery city.....	38,136	30,346	21,883	Texasarkana city.....	5,655	4,914	3,528	San Leandro city.....	3,471	2,253	.....
New Decatur city.....	6,118	4,437	3,565	Van Buren city.....	3,878	2,573	2,291	San Luis Obispo city.....	5,157	3,021	2,995
Opelika city.....	4,734	4,245	3,703	<b>California</b>				San Mateo city.....	4,384	1,832	.....
Phenix City.....	4,555	4,163	3,700	Alameda city.....	23,383	16,464	11,165	San Diego city.....	39,578	17,700	16,159
Selma city.....	13,649	8,713	7,622	Alhambra city.....	5,021	.....	.....	San Francisco city.....	416,912	342,782	298,997
Sheffield city.....	4,865	3,333	2,731	Anaheim town.....	2,628	1,436	1,273	San Jose city.....	28,946	21,500	18,060
Talladega city.....	5,854	5,056	2,063	Bakersfield city.....	12,727	4,836	2,626	San Leandro city.....	3,471	2,253	.....
Troy city.....	4,961	4,097	3,449	Berkeley city.....	40,434	13,214	5,101	San Luis Obispo city.....	5,157	3,021	2,995
Tuscaloosa city.....	8,407	5,094	4,215	Chico city.....	3,750	2,640	2,894	San Mateo city.....	4,384	1,832	.....
Tuscumbia city.....	3,324	2,348	2,491	Coalinga city.....	4,199	.....	.....	San Rafael city.....	5,934	3,879	3,290
Tuskegee town.....	2,803	2,170	1,803	Cotton city.....	3,980	1,285	1,315	Santa Ana city.....	8,429	4,933	3,628
Union Springs town.....	4,055	2,634	2,049	Corona city.....	3,540	1,434	.....	Santa Barbara city.....	11,659	6,587	5,864
<b>Arizona</b>				Emeryville town.....	2,613	1,016	228	Santa Clara town.....	4,348	3,650	2,891
Bisbee city.....	9,019	.....	.....	Eureka city.....	11,845	7,327	4,858	Santa Cruz city.....	11,146	5,639	5,596
Clifton city.....	4,874	.....	.....	Fresno city.....	24,892	12,470	10,818	Santa Monica city.....	7,847	3,057	1,580
Douglas city.....	6,437	.....	.....	Glendale city.....	2,746	.....	.....	Santa Rosa city.....	7,817	6,673	5,220
Globe city.....	7,083	.....	.....	Grass Valley city.....	4,520	4,719	.....	South Pasadena city.....	4,649	1,001	623
Nogales town.....	3,514	1,761	1,194	Hanford city.....	4,829	2,929	942	Stockton city.....	23,253	17,506	14,424
Phoenix city.....	11,134	5,544	3,152	Hayward town.....	2,746	1,965	1,419	Tulare city.....	2,758	2,216	2,097
Prescott city.....	5,092	3,559	1,759	Lodi city.....	2,697	.....	.....	Vallejo city.....	11,340	7,965	6,343
Tucson city.....	13,193	7,531	5,150	Long Beach city.....	17,809	2,252	564	Ventura city.....	2,945	2,470	2,320
Yuma town.....	2,914	.....	.....	Los Angeles city.....	319,198	102,479	50,395	Visalia city.....	4,550	3,085	2,885
<b>Arkansas</b>				Marysville city.....	5,430	3,497	3,991	Watsonville city.....	4,446	3,528	2,149
Argenta city.....	11,138	.....	.....	Merced city.....	3,102	1,969	2,009	Whittier city.....	4,550	1,590	585
Arkadelphia city.....	2,745	2,739	2,455	Mill Valley town.....	2,551	.....	.....	Woodland city.....	3,187	2,886	3,009
Batesville city.....	3,399	2,327	2,150	Modesto city.....	4,034	2,024	2,402	<b>Colorado</b>			
Blytheville town.....	3,849	302	.....	Monrovia city.....	3,576	1,206	907	Alamosa town.....	3,013	1,141	973
Camden city.....	3,995	2,840	2,571	Monterey city.....	4,923	1,748	1,662	Boulder city.....	9,539	6,150	3,330
Conway city.....	2,794	2,003	1,207	Napa city.....	5,791	4,036	4,395	Canon City.....	5,162	3,775	2,825
El Dorado city.....	4,202	1,069	455	Nevada City.....	2,689	3,250	2,524	Colorado City.....	4,333	2,914	1,788
Eureka Springs city.....	3,228	3,572	3,706	Oakland city.....	150,174	66,960	48,682	Colorado Springs city.....	29,078	21,085	11,140
Fayetteville city.....	4,471	4,061	2,942	Ocean Park city.....	3,119	.....	.....				
Fordyce city.....	2,794	1,710	980	Ontario city.....	4,274	722	683				

<sup>1</sup> Joint population of Texasarkana city, Miller County, Ark., and Texasarkana city, Bowie County, Tex.: 1910, 15,445; 1900, 10,170; 1890, 6,380.



## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con. CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Colorado—Con.</b>				<b>Connecticut—Con.</b>				<b>Florida—Con.</b>			
Cripple Creek city.....	6,206	10,147	.....	Orange town.....	11,272	6,965	4,537	Pensacola city.....	22,982	17,747	11,750
Denver city.....	213,381	133,859	106,713	West Haven borough.....	8,545	5,247	.....	Quincy city.....	3,204	847	681
Durango city.....	4,686	3,317	2,726	Plainfield town.....	6,719	4,821	4,582	St. Augustine city.....	5,494	4,272	4,742
Englewood city.....	2,983	.....	.....	Plainville town.....	2,882	2,189	1,993	St. Petersburg town.....	4,127	1,575	273
Florence city.....	2,712	3,728	.....	Plymouth town.....	5,021	2,828	2,147	Sanford city.....	3,570	1,450	2,016
Fort Collins city.....	8,210	3,053	2,011	Portland town.....	3,425	3,856	4,687	Tallahassee city.....	5,018	2,981	2,934
Fort Morgan city.....	2,800	634	488	Putnam town.....	7,280	7,348	6,512	Tampa city.....	37,782	15,839	5,532
Grand Junction city.....	7,754	3,503	2,030	Putnam city.....	6,637	6,667	.....	West Tampa city.....	8,258	2,355	.....
Greeley city.....	8,179	3,023	2,395	Ridgefield town.....	3,118	2,626	2,235	<b>Georgia</b>			
La Junta city.....	4,154	2,513	1,439	Rockville city (see Ver- non town).....	.....	.....	.....	Albany city.....	8,190	4,606	4,008
Lamar town.....	2,977	987	566	Salsbury town.....	3,522	3,489	3,420	Americus city.....	8,063	7,674	6,398
Leadville city.....	7,508	12,455	10,384	Seymour town.....	4,786	3,541	3,300	Athens city.....	14,913	10,245	8,639
Longmont city.....	4,256	2,201	1,543	Shelton borough (see Huntington town).....	.....	.....	.....	Atlanta city.....	154,839	89,872	65,533
Loveland city.....	3,651	1,091	698	Simsbury town.....	2,537	2,094	1,874	Augusta city.....	41,040	39,441	33,300
Monte Vista town.....	2,544	556	780	Southington town.....	6,516	5,890	5,501	Bainbridge city.....	4,217	2,641	1,668
Montrose city.....	3,254	1,217	1,330	Southington borough.....	5,714	5,411	.....	Barnesville city.....	3,068	3,036	1,839
Pueblo city.....	44,396	28,157	24,558	South Norwalk city (see Norwalk town).....	.....	.....	.....	Brunswick city.....	10,182	9,081	8,459
Rocky Ford city.....	3,230	2,018	468	Sprague town.....	2,551	1,339	1,106	Carrolltown.....	3,297	1,998	1,451
Salida city.....	4,425	3,722	2,586	Stafford town.....	5,233	4,297	4,535	Cartersville city.....	4,067	3,135	3,171
Sterling city.....	3,044	998	540	Stafford Springs bor- ough.....	5,059	2,460	2,553	Cedartown town.....	3,551	2,823	1,625
Trinidad city.....	10,204	5,345	5,523	Stamford town.....	28,836	18,839	15,700	Columbus city.....	20,554	17,614	17,303
Victor city.....	3,162	4,986	.....	Stamford city.....	25,158	15,897	.....	Cordele city.....	5,883	3,473	1,578
<b>Connecticut</b>				Stonington town.....	9,154	8,540	7,184	Covington city.....	2,697	2,062	1,823
Ansonia city.....	15,152	12,681	.....	Stratford town.....	3,657	2,608	.....	Cuthbert town.....	3,210	2,641	2,328
Berlin town.....	3,728	3,448	2,600	Suffield town.....	3,841	3,521	3,169	Dalton city.....	5,324	4,315	3,046
Bethel town.....	3,792	3,401	.....	Thomaston town.....	3,533	3,300	3,278	Dawson city.....	3,827	2,926	2,284
Bethel borough.....	5,041	2,561	2,355	Thompson town.....	4,804	6,442	5,580	Douglas city.....	3,550	617	.....
Brantford town.....	6,047	5,706	4,400	Torrington town.....	16,840	12,453	6,048	Dublin city.....	5,795	2,987	862
Brantford borough.....	2,560	2,473	.....	Torrington borough.....	15,483	8,560	4,285	East Point town.....	3,682	1,315	738
Bridgeport city.....	102,054	70,996	48,866	Vernon town.....	9,087	8,483	8,808	Elberton city.....	6,483	3,834	1,672
Bristol town.....	13,502	9,643	7,382	Rockville city.....	7,977	7,287	7,772	Fitzgerald city.....	5,795	1,817	.....
Bristol borough.....	9,527	6,268	.....	Wallingford town.....	11,155	9,001	6,584	Fort Valley town.....	2,697	2,022	1,752
Canton town.....	2,732	2,678	2,500	Wallingford borough.....	8,690	6,757	4,280	Gainesville city.....	5,925	4,382	3,202
Danbury town.....	23,502	19,474	19,473	Waterbury city.....	73,141	45,859	28,646	Griffin city.....	7,478	6,857	4,903
Danbury city.....	20,254	16,537	16,552	Waterbury town.....	3,097	2,904	2,661	Hawkinsville city.....	3,420	2,103	1,755
Danielson borough (see Killingly town).....	.....	.....	.....	Watertown town.....	3,850	3,100	2,323	La Grange city.....	5,587	4,274	3,090
Darien town.....	3,946	3,116	2,276	West Hartford town.....	4,808	3,186	1,930	Macon city.....	40,665	23,272	22,746
Derby city.....	8,991	7,930	.....	West Haven borough (see Orange town).....	.....	.....	.....	Marietta city.....	5,949	4,446	3,284
East Hartford town.....	8,138	6,406	4,455	Westport town.....	4,259	4,017	3,715	Milledgeville city.....	4,385	4,219	3,322
East Windsor town.....	3,362	3,158	2,890	Wethersfield town.....	3,148	2,637	2,271	Monroe city.....	3,029	1,846	983
Enfield town.....	9,719	6,099	7,199	Willimantic city (see Windham town).....	8,679	7,763	6,183	Moultrie town.....	3,349	2,221	.....
Essex town.....	2,745	2,530	2,035	Winchester town.....	7,754	6,804	4,846	Newman city.....	5,548	3,654	2,859
Fairfield town.....	6,134	4,489	3,868	Windham town.....	12,604	10,137	10,032	Quitman city.....	3,915	2,281	1,868
Farmington town.....	3,478	3,331	3,179	Williamantic city.....	11,250	8,657	8,648	Rome city.....	12,099	7,291	6,957
Glastonbury town.....	4,796	4,260	3,457	Windsor town.....	4,178	3,614	2,954	Sandersville city.....	2,641	2,023	1,760
Greenwich town.....	16,463	12,172	10,131	Windsor Locks town.....	3,715	3,062	2,758	Savannah city.....	65,064	54,244	43,189
Greenwich borough.....	5,886	2,480	.....	Winsted borough (see Winchester town).....	.....	.....	.....	Statesboro city.....	2,529	1,197	425
Griswold town.....	4,233	3,490	3,113	Delaware	.....	.....	.....	Summersville town.....	4,361	3,245	.....
Jewett City borough.....	5,023	2,224	1,854	Dover town.....	3,720	3,329	3,061	Thomasville town.....	6,727	5,322	5,514
Groton town.....	6,495	5,962	5,539	Millford town.....	2,603	2,500	2,565	Toocoo town.....	3,120	2,176	1,120
Gulford town.....	3,001	2,785	2,780	New Castle city.....	3,351	3,380	4,010	Valdosta city.....	7,656	5,613	2,854
Hamden town.....	5,850	4,626	3,882	Wilmington city.....	87,411	76,508	61,431	Washington city.....	3,065	3,300	2,631
Hartford city.....	98,915	79,850	53,230	<b>District of Columbia</b>				Waycross city.....	14,485	5,919	3,364
Huntington town.....	6,545	5,572	4,006	Washington city 1.....	331,069	278,718	230,392	Waynesboro town.....	2,729	2,030	1,711
Shelton borough.....	4,807	2,837	1,852	<b>Florida</b>				<b>Idaho</b>			
Jewett City borough (see Griswold town).....	.....	.....	.....	Apalachicola city.....	3,065	3,077	2,727	Boise city.....	17,358	5,957	2,311
Killingly town.....	6,564	6,835	7,027	Bartow town.....	2,662	1,983	1,386	Caldwell city.....	3,543	997	775
Danielson borough.....	2,834	2,823	.....	Daytona city.....	3,082	1,690	771	Coeur d'Alene city.....	7,291	508	491
Litchfield town.....	3,005	3,214	3,394	De Land city.....	2,812	1,449	1,113	Idaho Falls city.....	4,827	1,262	.....
Manchester town.....	13,641	10,601	8,222	Fernandina city.....	5,482	3,245	2,803	Lewistown city.....	6,043	2,425	846
Meriden town.....	32,066	28,695	25,423	Gainesville city.....	6,183	3,633	2,790	Moscow city.....	3,670	2,484	.....
Meriden city.....	27,885	24,296	21,658	Jacksonville city.....	57,699	28,429	17,201	Nampa city.....	4,205	799	347
Middletown town.....	20,749	17,486	15,205	Key West city.....	19,945	17,114	18,080	Pocatello city.....	9,110	4,046	.....
Middletown city.....	11,851	9,589	9,013	Lake City.....	5,032	4,013	2,020	Sandpoint city.....	2,993	.....	.....
Millford town.....	4,366	3,783	3,811	Lakeland town.....	3,719	1,180	552	Twin Falls city.....	5,258	.....	.....
Montville town.....	2,804	2,395	2,344	Live Oak city.....	3,450	1,659	687	Wallace city.....	3,000	2,265	878
Naugatuck borough.....	12,722	10,541	.....	Miami city.....	5,471	1,681	.....	Weiser city.....	2,000	1,364	901
New Britain city.....	43,916	25,998	16,519	Ocala city.....	4,370	3,380	2,904	<b>Illinois</b>			
New Canaan town.....	3,667	2,968	2,701	Orlando city.....	5,894	2,481	2,856	Alton city.....	17,528	14,210	10,294
New Haven city.....	133,605	108,027	81,298	Palatka city.....	3,779	3,301	3,039	Anna city.....	2,809	2,618	2,295
New London city.....	19,639	17,548	13,757	<b>Idaho</b>				Aurora city.....	29,897	24,147	19,688
New Milford town.....	5,010	4,804	3,917	Beardstown city.....	6,107	4,827	4,226	Averyville village.....	2,668	1,573	.....
Newtown town.....	3,012	3,276	3,539	Bellevue city.....	21,122	17,484	15,361	Batavia city.....	4,436	3,871	3,543
Norwalk town.....	24,211	19,932	17,747	Belvidere city.....	7,253	6,937	3,867	Benton city.....	2,675	1,341	939
Norwalk city.....	6,954	6,135	.....	Berwyn city.....	5,841	.....	.....	.....	.....	.....	.....
South Norwalk city.....	8,968	6,591	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwich town.....	28,219	24,637	23,048	.....	.....	.....	.....	.....	.....	.....	.....
Norwich city.....	20,367	17,251	16,166	.....	.....	.....	.....	.....	.....	.....	.....

1 Coextensive with District of Columbia.



# POPULATION OF CITIES.

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## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.											
CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Illinois—Con.</b>				<b>Illinois—Con.</b>				<b>Indiana—Con.</b>			
Bloomington city.....	25,768	23,286	20,484	Monmouth city.....	9,128	7,460	5,936	Columbus city.....	8,813	8,130	6,719
Blue Island village.....	8,043	6,114	3,329	Morgan Park village.....	3,694	2,329	1,027	Connersville city.....	7,738	6,836	4,548
Bridgeport city.....	2,703	487	474	Morris city.....	4,563	4,273	3,653	Crawfordsville city.....	9,371	6,649	6,089
Bushnell city.....	2,619	2,490	2,314	Mound City.....	2,837	2,705	.....	Crown Point town.....	2,526	2,336	1,907
Cairo city.....	14,548	12,566	10,324	Mount Carmel city.....	6,934	4,311	3,376	Decatur city.....	4,471	4,142	3,142
Canton city.....	10,453	6,564	5,604	Mount Olive village.....	3,501	2,935	1,986	Dunkirk city.....	3,081	3,187	1,024
Carbondale city.....	5,411	3,318	2,382	Mount Vernon city.....	8,007	5,216	3,233	East Chicago city.....	19,098	5,411	1,255
Carlinville city.....	3,616	3,502	3,293	Murphysboro city.....	7,485	6,463	3,880	Elkhart city.....	19,282	15,184	11,360
Carmi city.....	2,833	2,959	2,785	Naperville city.....	3,449	2,629	2,216	Elwood city.....	11,028	12,850	2,284
Cartersville city.....	2,971	1,749	969	Normal town.....	4,024	3,795	3,459	Evansville city.....	69,647	39,007	50,736
Centralia city.....	9,680	6,721	4,763	North Chicago city.....	3,306	1,150	.....	Fairmount town.....	2,506	3,205	1,462
Champaign city.....	12,421	9,098	5,839	Oak Park village.....	19,444	.....	.....	Fort Wayne city.....	63,934	45,115	35,393
Charleston city.....	5,884	5,488	4,135	Olney city.....	5,011	4,260	3,831	Frankfort city.....	8,634	7,100	5,919
Chester city.....	2,747	2,832	2,708	Ottawa city.....	9,535	10,588	9,985	Franklin city.....	4,502	4,005	3,781
Chicago city.....	2,185,283	1,698,575	1,099,830	Pana city.....	6,055	5,530	5,077	Garrett city.....	4,149	3,910	2,767
Chicago Heights city.....	14,325	5,100	.....	Paris city.....	7,664	6,105	4,996	Gary city.....	16,802	.....	.....
Cicero town.....	14,557	16,310	10,204	Paxton city.....	2,912	3,036	2,187	Gas City.....	3,224	3,622	145
Clinton city.....	5,165	4,452	2,598	Pekin city.....	9,897	8,420	6,347	Goshen city.....	8,514	7,810	6,033
Coal City.....	2,667	2,607	1,672	Peoria city.....	66,950	56,100	41,024	Greencastle city.....	3,790	3,661	4,390
Collinsville city.....	7,478	4,021	3,498	Peru city.....	7,984	6,863	5,550	Greenfield city.....	4,448	4,489	3,100
Danville city.....	27,871	16,354	11,491	Petersburg city.....	2,587	2,807	2,342	Greensburg city.....	5,420	5,094	3,596
Decatur city.....	31,140	20,754	16,841	Pickneyville city.....	2,722	2,357	1,298	Hammond city.....	20,925	12,376	5,428
DeKalb city.....	8,102	5,904	2,579	Pontiac city.....	6,090	4,266	2,784	Hartford City.....	6,187	5,912	2,287
Dixon city.....	7,216	7,917	5,161	Portland city.....	3,194	.....	.....	Huntington city.....	10,272	9,491	7,328
Downers Grove village.....	2,601	2,103	960	Princeton city.....	4,131	4,023	3,396	Indianapolis city.....	233,650	169,164	105,436
Duquoin city.....	5,454	4,353	4,052	Quincy city.....	36,587	36,252	31,494	Jasonville town.....	3,295	.....	.....
East Moline city.....	2,665	.....	.....	Robinson city.....	3,863	1,683	1,387	Jeffersonville city.....	10,412	10,774	10,666
East St. Louis city.....	58,547	29,655	15,169	Rochelle city.....	2,732	2,073	1,789	Kendallville city.....	4,981	3,354	2,960
Edwardsville city.....	5,014	4,157	3,561	Rock Falls city.....	2,657	2,176	1,900	Kokomo city.....	17,010	10,609	8,261
Effingham city.....	3,898	3,774	3,260	Rock Island city.....	24,335	19,493	13,634	Lafayette city.....	20,081	18,116	16,243
Eldorado city.....	3,366	1,445	.....	Rockford city.....	45,401	31,051	23,584	Laporte city.....	10,525	7,113	7,126
Elgin city.....	25,976	22,433	17,823	St. Charles city.....	4,046	2,675	1,690	Lawrenceburg city.....	3,930	4,326	4,284
Evansville city.....	24,978	19,259	.....	Salem city.....	2,609	1,642	1,493	Lebanon city.....	5,474	4,465	3,682
Fairbury city.....	2,505	2,187	2,324	Sandwich city.....	2,557	2,520	2,516	Linton city.....	5,906	3,071	958
Flora city.....	2,704	2,311	1,695	Savanna city.....	3,691	3,325	3,097	Logansport city.....	19,060	16,204	13,328
Forest Park village.....	6,594	4,085	.....	Shelbyville city.....	3,590	3,546	3,162	Madison city.....	6,934	7,835	8,936
Freeport city.....	17,567	13,258	10,189	Sparta city.....	3,081	2,941	1,979	Marion city.....	19,359	17,337	8,769
Galena city.....	4,835	5,005	5,635	Spring Valley city.....	7,035	6,214	3,837	Martinsville city.....	4,529	4,038	2,680
Galesburg city.....	22,089	18,607	15,264	Springfield city.....	51,678	34,159	24,963	Michigan City.....	19,027	14,850	10,276
Geneseo city.....	3,199	3,356	3,182	Staunton city.....	5,048	2,786	2,209	Mishawaka city.....	11,886	5,560	3,371
Granite city.....	9,903	3,122	.....	Sterling city.....	7,467	6,309	5,824	Mitchell city.....	3,438	1,772	1,583
Greenville city.....	3,178	2,504	1,868	Streator city.....	14,253	14,079	11,414	Montpelier city.....	2,786	3,405	808
Harrisburg city.....	5,369	2,202	1,723	Sullivan city.....	2,621	2,399	1,468	Mount Vernon city.....	5,563	5,132	4,705
Harvard city.....	3,008	2,602	1,967	Sycamore city.....	3,926	3,653	2,987	Muncie city.....	24,005	20,942	11,345
Harvey city.....	7,227	5,395	.....	Taylorville city.....	5,446	4,248	2,829	New Albany city.....	20,629	20,628	21,059
Havana city.....	3,525	3,268	2,525	Upper Alton city.....	2,918	2,373	1,803	New Castle city.....	9,446	3,406	2,697
Herrin city.....	6,861	1,559	.....	Urbana city.....	8,245	5,728	3,511	Noblesville city.....	5,073	4,792	3,654
Highland city.....	2,675	1,970	1,857	Vandalia city.....	2,974	2,665	2,144	North Vernon city.....	2,915	2,823	2,012
Highland Park city.....	4,209	2,806	2,163	Venice city.....	3,718	2,450	932	Peru city.....	10,910	8,463	7,028
Hillsboro city.....	3,424	1,937	.....	Virden city.....	4,000	2,280	1,610	Plymouth city.....	3,838	3,656	2,723
Hoopeston city.....	4,698	3,823	1,911	Waukegan city.....	16,069	9,426	4,915	Portland city.....	5,130	4,798	3,725
Jacksonville city.....	15,326	15,078	12,935	West Hammond village.....	4,948	2,935	.....	Princeton city.....	6,448	6,041	3,076
Jerseyville city.....	4,113	3,517	3,207	Westville village.....	2,607	1,605	.....	Richmond city.....	22,324	18,226	16,608
Johnston city.....	3,248	787	.....	Wheaton city.....	3,423	2,345	1,622	Rochester city.....	3,364	3,421	2,467
Joliet city.....	34,670	29,353	23,264	White Hall city.....	2,854	2,030	1,961	Rockport city.....	2,736	2,882	2,314
Kankakee city.....	13,986	13,595	9,025	Wilmette village.....	4,943	2,200	1,458	Rushville city.....	4,925	4,541	3,475
Kewanee city.....	9,307	8,382	4,569	Winnetka village.....	3,168	1,833	1,079	Seymour city.....	6,305	6,445	5,337
La Grange village.....	5,282	3,969	2,314	Woodstock city.....	4,331	2,502	1,683	Shelbyville city.....	9,500	7,169	5,451
La Salle city.....	11,537	10,446	9,855	Zion City.....	4,789	.....	.....	South Bend city.....	53,684	35,999	21,819
Lake Forest city.....	3,349	2,215	1,203	<b>Indiana</b>				Sullivan city.....	4,115	3,118	2,222
Lawrenceville city.....	3,235	1,300	865	Alexandria city.....	5,096	7,221	715	Tell City.....	3,369	2,680	2,094
Lincoln city.....	10,892	8,962	6,725	Anderson city.....	22,476	20,178	10,741	Terre Haute city.....	58,157	36,673	30,217
Litchfield city.....	5,971	5,918	5,811	Angola city.....	2,610	2,141	1,840	Tipton city.....	4,075	3,764	2,697
Lockport city.....	2,555	2,659	2,449	Attica city.....	3,335	3,005	2,320	Union City <sup>1</sup> .....	3,209	2,716	2,681
Macomb city.....	5,774	5,375	4,062	Auburn city.....	3,919	3,396	2,415	Valparaiso city.....	6,987	6,280	5,080
Madison village.....	5,046	1,979	.....	Aurora city.....	4,410	3,645	3,929	Vincennes city.....	14,895	10,249	8,833
Marion city.....	7,093	2,510	1,338	Bedford city.....	8,716	6,115	3,351	Wabash city.....	8,687	8,618	5,105
Marseilles city.....	3,291	2,559	2,210	Bicknell town.....	2,794	.....	.....	Warsaw city.....	4,430	3,987	3,574
Marshall city.....	2,569	2,077	1,900	Bloomington city.....	8,838	6,460	4,018	Washington city.....	7,854	8,551	6,064
Mattoon city.....	11,456	9,622	6,833	Bluffton city.....	4,987	4,479	3,589	West Lafayette town.....	3,867	2,302	1,242
Maywood village.....	8,033	4,532	.....	Boonville city.....	3,934	2,849	1,881	West Terre Haute town.....	3,083	651	.....
Melrose Park village.....	4,806	2,592	.....	Brazil city.....	9,340	7,786	5,905	Whiting city.....	6,587	3,983	1,408
Mendota city.....	3,806	3,736	3,542	Clarksville town.....	2,743	2,370	1,692	Winchester city.....	4,266	3,705	3,014
Metropolis city.....	4,655	4,069	3,373	Clinton city.....	6,229	2,918	1,365	<b>Iowa</b>			
Moline city.....	24,199	17,248	12,000	Columbia City.....	3,448	2,975	3,027	Albia city.....	4,969	2,889	2,359

<sup>1</sup> Joint population of Union City, Randolph County, Ind., and Union City village, Darke County, Ohio: 1910, 4,804; 1900, 3,998; 1890, 3,974.



## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.											
CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Iowa—Con.</b>				<b>Kansas—Con.</b>				<b>Louisiana—Con.</b>			
Belle Plaine city.....	3,121	3,283	2,623	Garden city.....	3,171	1,590	1,490	Kentwood town.....	3,009	1,313	.....
Boone city.....	10,347	8,880	6,520	Great Bend city.....	4,622	2,470	2,450	Lafayette town.....	6,392	3,314	2,106
Burlington city.....	24,324	23,201	22,565	Herington city.....	3,273	1,607	1,353	Lake Charles city.....	11,449	6,680	3,442
Carroll city.....	3,546	2,882	2,448	Hiawatha city.....	2,974	2,829	2,486	Minden town.....	3,002	1,561	1,298
Cedar Falls city.....	5,012	5,319	3,459	Holton city.....	2,842	3,082	2,727	Monroe city.....	10,209	5,428	3,256
Cedar Rapids city.....	32,811	25,656	18,020	Horton city.....	3,600	3,398	3,316	Morgan City.....	5,477	2,332	2,291
Centerville city.....	6,936	5,256	3,668	Humboldt city.....	2,548	1,402	1,361	Natchitoches town.....	2,532	2,388	1,820
Chariton city.....	3,794	3,989	3,122	Hutchinson city.....	16,364	9,379	8,682	New Iberia city.....	7,499	6,815	3,447
Charles City.....	5,892	4,227	2,802	Independence city.....	10,480	4,851	3,127	New Orleans city.....	339,075	287,104	242,039
Cherokee city.....	4,884	3,865	3,441	Iola city.....	9,032	5,791	1,706	Opelousas town.....	4,623	2,951	1,572
Clarinda city.....	3,832	3,276	3,262	Junction city.....	5,598	4,695	4,502	Patterson town.....	2,998	.....	.....
Clinton city.....	25,577	22,698	13,619	Kansas City.....	82,331	51,418	38,316	Plaquemine town.....	4,955	3,590	3,222
Colfax city.....	2,524	2,053	957	Kingman city.....	2,570	1,785	2,390	Ruston town.....	3,377	1,324	767
Council Bluffs city.....	29,292	25,802	21,474	Larned city.....	2,911	1,583	1,861	Shreveport city.....	28,015	16,013	11,979
Cresco city.....	2,658	2,806	2,018	Lawrence city.....	12,374	10,862	9,997	Thibodaux town.....	3,824	3,253	2,078
Creston city.....	6,924	7,752	7,200	Leavenworth city.....	19,363	20,735	19,768	Winnfield town.....	2,925	.....	.....
Davenport city.....	43,028	35,254	26,872	McPherson city.....	3,546	2,996	3,172	<b>Maine</b>			
Decorah city.....	3,592	3,246	2,801	Manhattan city.....	5,722	3,438	3,004	Auburn city.....	15,064	12,961	11,250
Denison city.....	3,133	2,771	1,782	Neodesha city.....	2,872	1,772	1,528	Augusta city.....	13,211	11,683	10,527
Des Moines city.....	86,368	62,139	50,093	Newton city.....	7,862	6,208	5,605	Bangor city.....	24,803	21,850	19,103
Dubuque city.....	38,494	36,297	30,311	Olathe city.....	3,272	3,451	3,294	Bath city.....	9,396	10,477	8,723
Eagle Grove city.....	3,387	3,557	1,881	Osawatomie city.....	4,046	4,191	2,662	Bellast city.....	4,618	4,615	5,294
Estherville city.....	3,404	3,237	1,475	Ottawa city.....	7,650	6,934	6,248	Biddeford city.....	17,079	16,145	14,443
Fairfield city.....	4,970	4,689	3,391	Paola city.....	3,207	3,144	2,943	Brewer city.....	5,667	4,835	4,193
Fort Dodge city.....	15,543	12,162	4,871	Parsons city.....	12,463	7,682	6,736	Bridgton town.....	2,660	2,868	2,605
Fort Madison city.....	8,900	9,278	7,901	Pittsburg city.....	14,755	10,112	6,697	Brunswick town.....	6,621	6,806	6,012
Glenwood city.....	4,052	3,040	1,890	Pratt city.....	3,302	1,213	1,418	Brunswick village.....	5,341	5,310	.....
Grinnell city.....	5,036	3,860	3,332	Rosedale city.....	5,960	3,270	2,276	Calais city.....	6,116	7,655	7,290
Hampton city.....	2,617	2,727	2,067	Salina city.....	9,688	6,074	6,149	Camden town.....	3,015	2,825	4,621
Harlan city.....	2,570	2,422	1,765	Topeka city.....	43,684	33,608	31,007	Caribou town.....	5,377	4,758	4,087
Independence city.....	3,517	3,656	3,163	Wellington city.....	7,034	4,245	4,391	Chelsea town.....	3,216	3,092	2,356
Indianola city.....	3,283	3,261	2,254	Wichita city.....	52,450	24,671	23,853	Dexter town.....	3,530	2,941	2,732
Iowa City.....	10,091	7,987	7,016	Winfield city.....	6,700	5,554	5,184	East Livermore town.....	2,641	2,129	1,506
Iowa Falls city.....	2,797	2,840	1,796	<b>Kentucky</b>				Eastport city.....	4,961	5,311	4,908
Keokuk city.....	14,008	14,641	14,101	Ashland city.....	8,688	6,800	4,195	Eden town.....	4,441	4,379	1,946
Knoxville city.....	3,190	3,131	2,632	Bellefonte city.....	6,683	6,332	3,163	Ellsworth city.....	3,549	4,297	4,804
Le Mars city.....	4,157	4,146	4,036	Bowling Green city.....	9,173	8,226	7,803	Fairfield town.....	4,435	3,878	3,510
Manchester city.....	2,758	2,887	2,344	Cattlettsburg city.....	3,520	3,081	1,374	Fairfield village.....	2,891	2,858	2,150
Maquoketa city.....	3,570	3,777	3,077	Central City town.....	2,545	1,348	1,144	Farmington town.....	3,210	3,288	3,207
Marion city.....	4,400	4,102	3,094	Corbin town.....	2,589	1,544	.....	Fort Fairfield town.....	4,381	4,181	3,526
Marshalltown city.....	13,374	11,544	8,914	Covington city.....	53,270	42,938	37,371	Fort Kent town.....	3,710	2,528	1,826
Mason City.....	11,230	6,746	4,007	Cynthiana city.....	3,603	3,257	3,616	Gardiner city.....	5,311	5,501	5,491
Missouri Valley city.....	3,187	4,010	2,797	Danville city.....	5,420	4,285	3,766	Gorham town.....	2,822	2,540	2,888
Mount Pleasant city.....	3,874	4,109	3,997	Dayton city.....	6,979	6,104	4,264	Hallowell city.....	2,864	2,714	3,181
Muscatine city.....	16,178	14,073	11,454	Earlington city.....	3,931	3,012	1,748	Houlton town.....	5,845	4,686	4,015
Mystic town.....	2,663	1,758	875	Frankfort city.....	10,465	9,487	7,892	Jay town.....	2,987	2,758	1,541
Newton city.....	4,616	3,682	2,564	Franklin city.....	3,063	2,166	2,324	Kennebunk town.....	3,099	3,228	3,172
Oelwein city.....	6,028	5,142	830	Fulton town.....	2,575	2,860	1,818	Kittery town.....	3,533	2,872	2,864
Oskaloosa city.....	9,466	9,212	6,558	Georgetown town.....	4,533	3,823	.....	Lewiston city.....	26,247	23,761	21,701
Ottumwa city.....	22,012	18,197	14,001	Harrodsburg city.....	3,147	2,876	3,230	Lisbon town.....	4,116	3,603	3,120
Pella city.....	3,021	2,623	2,408	Hardersburg city.....	11,452	10,272	5,835	Lubeck town.....	3,363	3,005	2,069
Perry city.....	4,630	3,986	2,880	Henderson city.....	2,736	1,589	1,652	Madison town.....	3,379	2,764	1,815
Red Oak city.....	4,830	4,355	3,321	Hickman town.....	9,419	7,280	5,833	Millinocket town.....	3,368	.....	.....
Sheldon city.....	2,941	2,282	1,478	Hopkinsville city.....	3,077	3,043	2,816	Milo town.....	2,556	1,150	1,029
Shenandoah city.....	4,976	3,573	2,440	Lexington city.....	35,099	26,369	21,567	Norway town.....	3,002	2,902	2,665
Sioux City.....	47,828	33,111	37,806	Louisville city.....	223,928	204,731	161,129	Old Town city.....	6,317	5,763	5,312
Spencer city.....	3,005	3,095	1,813	Ludlow town.....	4,163	3,334	2,469	Orono town.....	3,555	3,257	2,790
Valley Junction city.....	2,573	1,700	.....	Madisonville city.....	4,966	3,628	2,212	Paris town.....	3,436	3,225	3,156
Vinton city.....	3,336	3,499	2,865	Mayfield city.....	5,916	4,081	2,909	Pittsfield town.....	2,891	2,891	2,503
Washington city.....	4,380	4,255	3,235	Maysville city.....	6,141	6,423	5,358	Portland city.....	58,571	50,145	36,425
Waterloo city.....	26,693	12,580	6,674	Middlesboro city.....	7,305	4,162	3,271	Presque Isle town.....	5,179	3,804	3,046
Waverly city.....	3,205	3,177	2,346	Morganfield city.....	2,725	2,046	1,094	Presque Isle village.....	5,958	1,358	1,269
Webster city.....	5,208	4,613	2,829	Mount Sterling city.....	3,932	3,561	3,629	Rockland city.....	8,174	8,150	8,174
Winterset city.....	2,818	3,039	2,281	Newport city.....	30,309	28,301	24,918	Rumford town.....	6,777	3,770	898
<b>Kansas</b>				Nicholasville city.....	2,935	2,393	2,157	Rumford Falls village.....	5,487	5,595	.....
Ablene city.....	4,118	3,507	3,547	Owensboro city.....	16,011	13,189	9,837	Saco city.....	6,583	6,122	6,075
Anthony city.....	2,669	1,179	1,806	Paducah city.....	22,760	19,446	12,797	Sanford town.....	9,049	6,078	4,201
Arkansas City.....	7,508	6,140	8,347	Paris city.....	5,859	4,603	4,218	Skowhegan town.....	5,341	5,180	5,068
Atchison city.....	16,429	15,722	13,963	Princeton town.....	3,015	2,556	1,857	South Berwick town.....	2,935	3,188	3,434
Beloit city.....	3,082	2,359	2,455	Richmond city.....	5,340	4,653	5,073	South Portland city.....	7,471	6,287	1,168
Caney city.....	3,597	887	542	Russellville city.....	3,111	2,591	2,253	Van Buren town.....	3,065	1,878	.....
Chanute city.....	9,272	4,208	2,826	Shelbyville city.....	3,412	3,016	2,679	Waldoboro town.....	2,656	3,145	3,505
Cherryvale city.....	4,394	3,472	2,104	Somerset city.....	4,491	3,384	2,625	Waterville city.....	11,458	9,477	7,107
Clay Center city.....	3,438	3,009	2,802	Winchester city.....	7,156	5,964	4,519	Westbrook city.....	8,281	7,283	6,632
Coffeyville city.....	12,687	4,953	2,282	<b>Louisiana</b>				Winslow town.....	2,709	2,277	1,814
Columbus city.....	3,064	2,310	2,100	Abbeville town.....	2,907	1,536	637	York town.....	2,802	2,668	2,444
Concordia city.....	4,415	3,401	3,184	Alexandria city.....	11,213	5,648	2,861	<b>Maryland</b>			
Council Grove city.....	2,545	2,265	2,211	Baton Rouge city.....	14,897	11,269	10,478	Annapolis city.....	8,609	8,525	7,604
Dodge city.....	3,214	1,942	1,763	Covington town.....	2,601	1,205	976	Baltimore city.....	558,485	508,957	434,439
Eldorado city.....	3,129	3,466	3,339	Crowley city.....	5,099	4,214	420	Brunswick town.....	3,721	2,471	.....
Emporia city.....	9,688	8,223	7,551	Donaldsonville town.....	4,090	4,105	3,121	Cambridge town.....	6,407	5,747	4,192
Fort Scott city.....	10,463	10,322	11,946	Franklin town.....	3,857	2,692	2,127	Chestertown town.....	2,735	3,008	2,632
Fredonia city.....	3,040	1,650	1,515	Hammond town.....	2,942	1,511	692				
Frontenac city.....	3,396	1,805	600	Houma town.....	5,024	3,212	1,280				
Galena city.....	6,096	10,155	2,496	Jennings town.....	3,925	1,539	412				



## POPULATION OF CITIES.

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## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.											
CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Maryland—Con.</b>				<b>Massachusetts—Con.</b>				<b>Michigan</b>			
Crisfield town.....	3,468	3,165	1,565	Manchester town.....	2,673	2,522	1,789	Adrian city.....	10,763	9,654	8,756
Cumberland city.....	21,839	17,128	12,729	Mansfield town.....	5,183	4,066	3,432	Albion city.....	5,833	4,519	3,763
Easton town.....	3,083	3,074	2,939	Marblehead town.....	7,338	7,582	8,202	Allegan city.....	3,419	2,667	2,669
Frederick city.....	10,411	9,296	8,193	Marlborough city.....	14,579	13,609	13,805	Alma city.....	2,757	2,047	1,655
Frostburg town.....	6,028	5,274	3,804	Maynard town.....	6,390	3,142	2,700	Alpena city.....	12,706	11,802	11,288
Hagerstown city.....	16,507	13,591	10,118	Medfield town.....	3,466	2,926	1,493	Ann Arbor city.....	14,817	14,509	9,431
Havre de Grace city.....	4,212	3,423	3,244	Medford city.....	23,150	18,244	11,079	Battle Creek city.....	25,267	18,563	13,197
Salisbury town.....	6,690	4,277	2,905	Medway town.....	2,696	2,761	2,985	Bay City.....	45,166	27,628	27,839
Westernport town.....	2,702	1,998	1,526	Melroe city.....	15,715	12,962	8,319	Belding city.....	4,119	3,282	.....
Westminster city.....	3,295	3,199	2,903	Methuen town.....	11,448	7,512	4,814	Benton Harbor city.....	9,185	6,562	3,692
<b>Massachusetts</b>				Middleborough town.....	8,214	6,885	6,065	Bessemer city.....	4,583	3,911	2,566
Abington town.....	5,455	4,489	4,260	Milford town.....	13,055	11,376	8,780	Big Rapids city.....	4,519	4,686	5,303
Adams town.....	13,026	11,134	9,213	Milbury town.....	4,740	4,460	4,428	Bozette city.....	5,218	912	430
Agawam town.....	3,501	2,536	2,352	Milton town.....	7,924	6,578	4,278	Cadillac city.....	8,375	5,997	4,461
Amesbury town.....	9,894	9,473	9,798	Monson town.....	4,758	3,402	3,650	Charlotte city.....	4,886	4,092	3,867
Amherst town.....	5,112	5,028	4,512	Montague town.....	6,866	6,150	6,296	Cheboygan city.....	6,859	6,489	6,235
Andover town.....	7,301	6,813	6,142	Nantucket town.....	2,962	3,006	3,268	Coldwater city.....	5,945	6,216	5,247
Arlington town.....	11,187	8,603	5,629	Natick town.....	9,866	9,488	9,118	Crystal Falls city.....	3,775	3,231	.....
Athol town.....	8,536	7,061	6,319	Needham town.....	5,026	4,016	3,035	Detroit city.....	465,766	285,704	205,876
Attleborough town.....	16,215	11,335	7,577	New Bedford city.....	96,652	62,442	40,733	Dowagiac city.....	5,088	4,151	2,806
Ayer town.....	2,797	2,466	2,148	Newburyport city.....	14,949	14,478	13,947	East Jordan village.....	2,516	1,205	731
Barnstable town.....	4,676	4,364	4,023	Newton city.....	39,806	33,587	24,379	Escanaba city.....	13,194	9,549	6,808
Barre town.....	2,957	2,059	2,239	North Adams city.....	22,019	24,200	16,074	Flint city.....	38,550	13,103	9,803
Belmont town.....	5,542	3,929	2,098	North Andover town.....	5,529	4,243	3,742	Gladstone city.....	4,211	3,380	1,337
Beverly city.....	18,650	13,884	10,821	North Attleborough town.....	9,562	7,253	6,727	Grand Haven city.....	5,856	4,743	5,023
Billerica town.....	2,789	2,775	2,380	North Brookfield town.....	3,075	4,587	3,871	Grand Ledge city.....	2,893	2,161	1,606
Blackstone town.....	5,648	5,721	6,138	Northampton city.....	19,431	18,643	14,990	Grand Rapids city.....	112,571	87,665	60,278
Boston city.....	670,585	560,892	448,477	Northbridge town.....	8,807	7,096	4,603	Greenville city.....	4,045	3,381	3,056
Braintree town.....	8,066	5,981	4,848	Norton town.....	2,544	1,826	1,785	Hamtramck village.....	3,559	.....	.....
Bridgewater town.....	7,688	5,806	4,249	Norwood town.....	8,014	5,480	3,733	Hancock city.....	8,981	4,050	1,772
Brookton city.....	56,878	40,063	27,294	Orange town.....	5,282	5,520	4,568	Hastings city.....	4,383	3,172	2,972
Brookline town.....	27,792	19,935	12,103	Oxford town.....	3,361	2,677	2,616	Highland Park village.....	4,120	427	.....
Cambridge city.....	104,839	91,886	70,028	Palmer town.....	8,610	7,801	6,530	Hillsdale city.....	5,001	4,151	3,915
Canton town.....	4,797	4,584	4,538	Peabody town.....	15,721	11,523	10,158	Holland city.....	10,490	7,790	3,945
Chelmsford town.....	5,010	3,984	2,695	Pepperell town.....	2,953	3,701	3,127	Houghton village.....	5,113	3,359	2,062
Chelsea city.....	32,452	34,072	27,909	Pittsfield city.....	32,121	21,766	17,281	Ionia city.....	5,030	5,209	4,482
Chicopee city.....	25,401	19,167	14,050	Plymouth town.....	12,141	9,592	7,314	Iron Mountain city.....	9,216	9,242	8,599
Clinton town.....	13,075	13,667	10,424	Provincetown town.....	4,369	4,247	4,642	Ironwood city.....	12,821	9,705	7,745
Cohasset town.....	2,585	2,759	2,448	Quincy city.....	32,642	23,999	16,723	Ishpeming city.....	12,448	13,255	11,197
Concord town.....	6,421	5,652	4,427	Randolph town.....	4,301	3,993	3,946	Jackson city.....	31,433	25,180	20,798
Dalton town.....	3,568	3,014	2,885	Reading town.....	5,818	4,969	4,088	Kalamazoo city.....	39,437	24,404	17,853
Danvers town.....	9,407	8,542	7,454	Revere town.....	18,219	10,395	5,668	Lansing city.....	31,229	16,485	13,102
Dartmouth town.....	4,378	3,669	3,122	Rockland town.....	6,928	5,327	5,213	Lapeer city.....	3,946	3,297	2,753
Dedham town.....	9,284	7,457	7,125	Rockport town.....	4,211	4,592	4,087	Laurium village.....	8,537	5,643	1,519
Dracut town.....	3,461	3,253	1,996	Salem city.....	43,697	35,956	30,801	Ludington city.....	9,132	7,166	7,517
Dudley town.....	4,267	5,553	2,244	Saugus town.....	8,047	5,084	3,673	Manistee city.....	12,381	14,260	12,812
East Bridgewater town.....	3,363	3,025	2,911	Somerset town.....	2,798	2,241	2,106	Manistowick city.....	4,722	4,126	2,940
Easthampton town.....	8,524	5,603	4,395	Somerville city.....	77,236	61,643	40,152	Marine city.....	3,770	3,829	3,768
Easton town.....	5,139	4,837	4,493	Southbridge town.....	12,592	10,025	7,655	Marquette city.....	11,503	10,058	9,033
Everett city.....	33,484	24,336	11,068	South Hadley town.....	4,894	4,526	4,261	Marshall city.....	4,236	4,370	3,468
Fairhaven town.....	5,122	3,567	2,919	Spencer town.....	6,740	7,627	8,747	Menominee city.....	10,507	12,818	10,630
Fall River city.....	19,295	104,863	74,398	Springfield city.....	88,926	62,059	44,179	Midland city.....	2,527	2,363	2,277
Falmouth town.....	5,744	3,500	2,567	Stoneham town.....	7,090	6,197	6,155	Monroe city.....	6,893	5,043	5,258
Fitchburg city.....	37,826	31,531	22,037	Stoughton town.....	6,316	5,442	4,832	Mount Clemens city.....	7,707	6,576	4,748
Foxborough town.....	3,863	3,266	2,933	Sutton town.....	3,078	3,328	3,180	Mount Pleasant city.....	3,972	3,662	2,701
Framingham town.....	12,948	11,302	9,239	Swampscott town.....	6,204	4,548	3,198	Munising village.....	2,952	2,014	.....
Franklin town.....	5,641	5,017	4,831	Taunton city.....	34,259	31,036	25,448	Muskegon city.....	24,062	20,818	22,702
Gardner town.....	14,609	10,813	8,424	Templeton town.....	3,756	3,489	2,999	Negaunee city.....	8,460	6,935	6,078
Gloucester city.....	24,398	26,121	24,651	Tewksbury town.....	3,750	3,683	2,515	Niles city.....	5,156	4,287	4,197
Grafton town.....	5,705	4,869	5,002	Uxbridge town.....	4,671	3,599	3,408	Norway city.....	4,974	4,170	.....
Great Barrington town.....	5,926	5,854	4,612	Wakefield town.....	11,404	9,290	6,982	Onaway city.....	2,702	1,204	.....
Greenfield town.....	10,427	7,927	5,252	Walpole town.....	4,892	3,572	2,604	Osego village.....	2,812	2,073	1,626
Hardwick town.....	3,524	3,203	2,922	Waltham city.....	27,834	23,481	18,707	Owosso city.....	9,639	8,666	6,564
Haverhill city.....	44,115	37,175	27,412	Ware town.....	8,774	8,263	7,329	Petoskey city.....	4,778	5,285	2,872
Hingham town.....	4,965	5,059	4,564	Wareham town.....	4,162	3,432	3,451	Pontiac city.....	14,532	9,769	6,200
Holbrook town.....	2,816	2,229	2,474	Warren town.....	4,188	4,417	4,681	Port Huron city.....	18,863	19,158	13,543
Holliston town.....	2,711	2,598	2,619	Watertown town.....	12,875	9,706	7,073	Red Jacket village.....	4,211	4,668	3,073
Holyoke city.....	57,730	45,712	35,637	Webster town.....	11,509	8,804	7,031	River Rouge village.....	4,163	1,748	.....
Hudson town.....	6,743	5,454	4,670	Wellesley town.....	5,413	5,072	3,600	Saginaw city.....	50,510	42,345	46,322
Hyde Park town.....	15,507	13,244	10,193	West Springfield town.....	9,224	7,105	5,077	St. Clair city.....	2,633	2,543	2,353
Ipswich town.....	5,777	4,658	4,439	Westborough town.....	5,446	5,400	5,195	St. Johns city.....	3,154	3,388	3,127
Lawrence city.....	85,892	62,559	44,654	Westfield town.....	16,044	12,310	9,805	St. Joseph city.....	5,996	5,155	3,753
Lee town.....	4,106	3,596	3,785	Westford town.....	2,851	2,624	2,250	Sault Ste. Marie city.....	12,615	10,558	5,760
Leicester town.....	3,237	3,416	3,120	Westport town.....	2,028	2,800	2,569	South Haven city.....	3,577	4,009	1,924
Lenox town.....	3,060	2,942	2,889	Weymouth town.....	12,895	11,324	10,866	Sturgis city.....	3,635	2,465	2,489
Leominster town.....	17,580	12,392	7,269	Whitman town.....	7,292	6,155	4,441	Three Rivers city.....	5,072	3,550	3,131
Lexington town.....	4,918	3,831	3,197	Williamstown town.....	3,708	5,013	4,221	Traverse City.....	12,115	9,407	4,353
Lowell city.....	106,294	94,969	77,696	Winchendon town.....	5,678	5,001	4,390	Wyandotte city.....	8,287	5,183	3,817
Ludlow town.....	4,948	3,536	1,939	Winchester town.....	9,309	7,248	4,861	Ypsilanti city.....	6,230	7,378	6,129
Lynn city.....	89,336	68,513	55,727	Winthrop town.....	10,132	6,038	2,726				
Malden city.....	44,404	33,664	23,031	Woburn city.....	15,308	14,254	13,499				
				Worcester city.....	145,986	118,421	84,655				



## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Minnesota</b>				<b>Missouri—Con.</b>				<b>Nebraska—Con.</b>			
Albert Lea city.....	6,192	4,500	3,305	Cape Girardeau city...	8,475	4,815	4,297	Fremont city.....	8,718	7,241	6,747
Alexandria city.....	3,001	2,681	2,118	Carrollton city.....	3,452	3,854	3,878	Grand Island city...	10,326	7,554	7,526
Anoka city.....	3,972	3,769	4,252	Carthage city.....	4,539	4,445	2,884	Hastings city.....	9,338	7,188	13,584
Austin city.....	6,960	5,474	3,901	Carthage city.....	9,483	9,416	7,981	Havelock village.....	2,680	1,480	.....
Bemidji city.....	5,099	2,183	.....	Caruthersville city...	3,655	2,315	230	Holdrege city.....	3,030	3,007	2,601
Brainerd city.....	8,526	7,524	5,703	Charleston city.....	3,144	1,893	1,381	Kearney city.....	6,202	5,634	8,074
Chisholm village.....	7,684	.....	.....	Chillicothe city.....	6,265	6,905	5,717	Lincoln city.....	43,973	40,169	55,154
Cloquet city.....	7,031	3,072	2,530	Clinton city.....	4,992	5,061	4,737	McCook city.....	3,765	2,445	2,346
Crookston city.....	7,539	5,359	3,457	Columbia city.....	9,662	5,651	4,000	Nebraska City.....	5,488	7,380	11,941
Detroit city.....	2,807	.....	.....	De Soto city.....	4,721	5,611	3,960	Norfolk city.....	6,025	3,883	3,038
Duluth city.....	78,466	52,969	33,115	Eldorado Springs city..	2,593	2,137	1,543	North Platte city...	4,793	3,640	3,055
East Grand Forks city.	2,533	2,077	795	Excelsior Springs city..	3,900	1,881	2,034	Omaha city.....	124,096	102,555	140,452
Ely city.....	3,372	3,717	901	Farmington city.....	2,613	1,778	1,394	Plattsmouth city...	4,287	4,964	8,392
Fairbault city.....	7,036	2,752	.....	Fayette city.....	2,586	2,717	2,247	South Omaha city...	26,259	26,001	8,062
Farmington city.....	2,958	3,040	1,205	Festus city.....	2,556	1,256	1,335	University Place village	3,200	1,130	571
Faribault city.....	9,001	7,868	6,620	Flat River city.....	5,112	.....	.....	Wymore city.....	2,613	2,626	2,420
Fergus Falls city.....	6,887	6,072	3,772	Fredericktown city.....	2,632	1,677	917	York city.....	6,235	5,132	3,406
Hastings city.....	3,983	3,811	3,705	Fulton city.....	5,228	4,883	4,314				
Hibbing village.....	8,832	2,481	.....	Hannibal city.....	18,341	12,780	12,857	<b>Nevada</b>			
Lake City.....	3,142	2,744	2,128	Higginsville city.....	2,628	2,791	2,342	Reno city.....	10,867	4,500	3,563
Little Falls city.....	6,078	5,774	2,354	Independence city.....	9,859	6,074	6,380	Sparks city.....	2,500	.....	.....
Luverne city.....	2,340	2,223	1,466	Jefferson City.....	11,850	9,664	6,742				
Mankato city.....	10,365	10,599	8,838	Joplin city.....	32,073	26,023	9,943	<b>New Hampshire</b>			
Melrose city.....	2,391	1,768	780	Kansas City.....	248,381	163,752	132,716	Berlin city.....	11,780	8,886	3,729
Minneapolis city.....	301,408	202,718	164,738	Kennett city.....	3,033	1,509	302	Claremont town.....	7,529	6,498	5,565
Montevideo city.....	3,056	2,146	1,437	Kirkville city.....	6,347	5,066	3,510	Concord city.....	21,497	19,632	17,004
Moorhead city.....	4,840	3,730	2,088	Kirkwood city.....	4,171	2,825	1,777	Conway town.....	3,413	3,154	2,331
New Ulm city.....	5,648	5,403	3,741	Lexington city.....	5,242	4,190	4,537	Derry town.....	5,123	3,583	2,604
Northfield city.....	3,265	3,210	2,659	Liberty city.....	2,980	2,407	2,558	Dover city.....	13,247	13,207	12,790
Owatonna city.....	5,658	5,561	3,849	Louisiana city.....	4,454	5,131	5,090	Exeter town.....	4,897	4,922	4,284
Red Wing city.....	9,048	7,525	6,204	Macon city.....	3,584	4,068	3,371	Farmington town...	2,621	2,265	3,064
Richfield village.....	2,673	.....	.....	Maplewood city.....	4,976	.....	.....	Franklin city.....	6,152	5,846	4,085
Rochester city.....	7,844	6,843	5,321	Marceline city.....	3,920	2,638	1,977	Goffstown town.....	2,579	2,528	1,981
St. Cloud city.....	10,600	8,663	7,686	Marshall city.....	4,869	5,086	4,297	Haverhill town.....	3,498	3,414	2,545
St. Paul city.....	214,744	163,065	133,156	Maryville city.....	4,762	4,577	4,097	Keene city.....	10,068	9,165	7,446
St. Peter city.....	4,176	4,302	3,671	Mexico city.....	5,939	5,099	4,789	Laconia city.....	10,183	8,042	6,143
South St. Paul city...	4,510	2,322	2,242	Moberly city.....	10,923	8,012	8,215	Lancaster town.....	3,054	3,190	3,373
Staples city.....	2,558	1,504	585	Monette city.....	4,177	3,115	1,699	Lebanon town.....	5,718	4,965	3,763
Stillwater city.....	10,198	12,318	11,260	Neosho city.....	3,661	2,725	2,198	Littleton town.....	4,069	4,066	3,365
Thief River Falls city..	3,714	1,819	191	Nevada city.....	7,176	7,461	7,262	Littleton village.....	3,059	.....	.....
Two Harbors city.....	4,990	3,278	.....	Poplar Bluff city.....	6,916	4,321	2,187	Manchester city.....	70,053	56,987	44,126
Virginia city.....	10,473	2,962	.....	Rich Hill city.....	2,755	4,053	4,008	Milford town.....	3,939	3,739	3,014
Wabasha city.....	2,622	2,628	2,487	Richmond city.....	3,664	3,478	2,895	Nashua city.....	26,005	23,898	19,311
Waseca city.....	3,054	3,103	2,482	St. Charles city.....	9,437	7,982	6,161	Newmarket town...	3,348	2,892	2,742
West Minneapolis vil-	3,022	1,648	.....	St. Joseph city.....	77,403	102,979	52,324	Newport town.....	3,765	3,126	2,623
West St. Paul city.....	2,660	1,830	1,596	St. Louis city.....	687,029	575,238	451,770	Pembroke town.....	3,062	3,183	3,172
Wilmar city.....	4,135	3,409	1,825	Sedalia city.....	17,822	15,231	14,068	Portsmouth city...	11,269	10,637	9,827
Winona city.....	18,583	19,714	18,208	Sikeston city.....	3,327	1,077	636	Rochester city.....	8,868	8,466	7,396
<b>Mississippi</b>				Slater city.....	3,238	2,502	2,400	Somersworth city...	6,704	7,023	6,207
Aberdeen city.....	3,708	3,434	3,449	Springfield city.....	35,201	23,267	21,850	Walpole town.....	2,668	2,693	2,163
Bay St. Louis city.....	3,388	2,872	1,974	Trenton city.....	5,656	5,396	5,039				
Biloxi city.....	8,049	5,467	3,234	Warrensburg city.....	4,689	4,724	4,706	<b>New Jersey</b>			
Brookhaven city.....	5,293	2,678	2,142	Washington city.....	3,670	3,015	2,725	Asbury Park city...	10,150	4,148	.....
Canton city.....	3,929	3,404	2,131	Webb City.....	11,817	9,201	5,043	Atlantic City.....	46,150	27,838	13,055
Clarksdale city.....	4,079	1,773	781	Webster Groves city...	7,080	1,895	1,783	Bayonne city.....	55,545	32,722	10,033
Collins city.....	2,581	.....	.....	Wellston city.....	7,312	.....	.....	Bloomfield town...	15,070	9,668	.....
Columbus city.....	8,988	6,484	4,569	West Plains city.....	2,914	2,902	2,091	Boonton town.....	4,930	3,901	.....
Corinth city.....	5,020	3,661	2,111					Bordentown city...	4,250	4,110	4,232
Greenville city.....	9,610	7,642	6,658	<b>Montana</b>				Boundbrook borough..	3,970	2,622	1,462
Greenwood city.....	5,836	3,026	1,055	Anaconda city.....	10,134	9,453	3,975	Bridgeton city.....	14,209	13,913	11,424
Grenada city.....	2,814	2,568	2,416	Billings city.....	10,031	3,221	836	Burlington city.....	8,336	7,392	7,264
Gulfport city.....	6,386	1,090	.....	Bozeman city.....	5,107	3,419	2,143	Camden city.....	94,538	75,935	58,313
Hattiesburg city.....	11,733	4,175	1,172	Butte city.....	39,165	30,470	10,723	Carlstadt borough..	3,807	2,574	1,549
Jackson city.....	21,262	7,816	5,920	Deer Lodge city.....	2,570	1,324	1,463	Cliffside Park borough.	3,394	968	.....
Laurel city.....	8,465	3,193	.....	Great Falls city.....	13,948	14,930	3,979	Collingswood borough.	4,795	1,633	539
McComb city.....	6,237	4,477	2,383	Havre town.....	3,624	1,033	.....	Dover town.....	7,468	5,938	.....
Meridian city.....	23,285	14,050	10,624	Helena city.....	12,515	10,770	13,834	East Newark borough.	3,163	2,500	.....
Moss Point city.....	3,054	.....	.....	Kalspel city.....	5,549	2,526	.....	East Orange city...	34,371	21,506	.....
Natchez city.....	11,791	12,210	10,101	Lewistown city.....	2,992	1,096	.....	East Rutherford bor-	4,275	2,640	.....
Okolona city.....	2,584	2,177	2,099	Livingston city.....	5,359	2,778	2,850	Edgewater borough..	2,655	1,006	.....
Pascagoula city.....	3,379	708	.....	Miles City.....	4,697	1,938	956	Elizabeth city.....	73,409	52,130	37,764
Starkville city.....	2,698	1,986	1,725	Missoula city.....	12,869	4,366	3,426	Englewood city.....	9,924	6,253	.....
Tupelo city.....	3,881	2,118	1,477	Red Lodge city.....	4,860	2,152	624	Flemington village...	2,693	2,145	1,977
Vicksburg city.....	20,814	14,834	13,373					Fort Lee borough...	4,472	.....	.....
Water Valley city.....	4,275	3,813	2,832	<b>Nebraska</b>				Freehold town.....	3,233	2,934	2,932
West Point city.....	4,864	3,193	2,762	Alliance city.....	3,105	2,535	829	Garfield borough...	10,213	3,504	1,028
Winona city.....	2,512	2,455	1,648	Auburn city.....	2,729	2,664	1,537	Glen Ridge borough..	3,200	1,960	.....
Yazoo city.....	6,796	4,944	3,286	Aurora city.....	2,630	1,921	1,862	Gloucester city.....	9,462	6,840	6,564
<b>Missouri</b>				Beatrice city.....	9,356	7,875	13,836	Guttenberg town...	5,647	3,825	1,947
Aurora city.....	4,148	6,191	3,482	Benson city.....	3,170	510	.....	Hackensack town...	14,050	9,443	6,004
Boonville city.....	4,252	4,377	4,141	Blair city.....	2,584	2,970	2,069	Hackettstown town...	2,715	2,474	2,417
Brookfield city.....	5,749	5,484	4,547	Chadron city.....	2,687	1,665	1,867	Haddonfield borough..	4,142	2,776	2,502
Butler city.....	2,894	3,158	2,812	Columbus city.....	5,014	3,522	3,134	Haledon borough...	2,500	.....	.....
Cameron city.....	2,980	2,979	2,917	Fairbury city.....	5,294	3,140	2,630	Hammon town.....	5,088	3,481	3,833
				Falls City.....	3,255	3,022	2,102	Harrison town.....	14,498	10,596	8,338
								Hawthorne borough..	3,400	2,096	.....
								Hoboken city.....	70,324	59,364	43,648



## POPULATION OF CITIES.

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## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.											
CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>New Jersey—Con.</b>				<b>New York—Con.</b>				<b>New York—Con.</b>			
Irrington town.....	11,877	5,255	.....	Canton village.....	2,701	2,757	2,580	Nyack village.....	4,619	4,275	4,111
Jersey city.....	267,779	206,433	163,003	Carthage village.....	3,563	2,895	2,278	Ogdensburg city.....	15,933	12,633	11,662
Kearny town.....	18,659	10,896	.....	Catskill village.....	5,296	5,484	4,920	Olean city.....	14,743	9,462	7,358
Keypoint borough.....	3,554	3,413	3,411	Clyde village.....	2,695	2,507	2,638	Oneida city.....	8,317	6,364	6,083
Lambertville city.....	4,687	4,637	4,142	Cohoes city.....	24,709	23,910	22,509	Oneonta city.....	9,491	7,147	6,272
Little Ferry borough.....	2,541	1,240	781	Cold Springs village.....	2,549	2,067	.....	Ossining village.....	11,480	7,939	9,352
Lodi borough.....	4,138	1,917	998	Corning city.....	13,730	11,061	8,550	Oswego city.....	23,368	22,199	21,842
Long Branch city.....	13,298	8,872	7,231	Cornwall village.....	2,658	1,966	760	Owego village.....	4,633	5,039	.....
Madison borough.....	4,658	3,754	2,469	Cortland city.....	11,304	9,014	8,390	Patchogue village.....	3,824	2,926	.....
Millville city.....	12,451	10,583	10,002	Dansville village.....	3,938	3,633	3,758	Peekskill village.....	15,245	10,358	9,676
Montclair town.....	21,550	13,962	.....	Depew village.....	3,921	3,379	.....	Penn Yan village.....	4,397	4,650	4,254
Morristown town.....	12,507	11,267	8,156	Dobbs Ferry village.....	3,455	2,888	2,083	Perry village.....	4,388	2,763	1,528
New Brunswick city.....	23,388	20,606	18,003	Dodgeville village.....	2,685	1,915	.....	Plattsburg city.....	11,138	8,434	7,010
Newark city.....	347,469	246,070	181,830	Dunkirk city.....	17,221	11,616	9,416	Port Chester village.....	12,809	7,440	5,274
Newton town.....	4,467	4,376	3,003	East Aurora village.....	2,781	2,366	1,582	Port Jervis city.....	9,564	9,385	9,377
North Plainfield borough.....	6,117	5,009	.....	East Syracuse village.....	3,274	2,509	2,231	Potsdam village.....	4,046	3,843	3,961
Nutley town.....	6,009	.....	.....	Elmhurst village.....	3,114	2,879	2,881	Poughkeepsie city.....	27,936	24,029	22,206
Orange city.....	29,630	24,141	18,844	Elmira city.....	37,176	35,672	30,893	Rensselaer city.....	10,711	7,466	7,301
Passaic city.....	54,773	27,777	13,028	Elmira Heights village.....	2,732	1,763	.....	Rochester city.....	218,149	162,608	133,896
Paterson city.....	125,600	105,171	78,347	Fairport village.....	3,112	2,489	2,552	Rockville Center village.....	3,667	1,884	.....
Perth Amboy city.....	32,121	17,699	9,512	Fishkill Landing village.....	3,902	3,673	3,617	Rome city.....	20,497	15,343	14,991
Phillipsburg town.....	13,903	10,052	8,644	Fort Edward village.....	3,762	3,521	.....	Rye village.....	3,964	.....	.....
Plainfield city.....	20,550	15,369	11,267	Fort Plain village.....	2,762	2,444	2,864	Sag Harbor village.....	3,408	1,969	.....
Pleasantville borough.....	4,390	2,182	.....	Frankfort village.....	3,303	2,664	2,291	St. Johnsville village.....	2,536	1,873	1,263
Princeton borough.....	5,136	3,899	3,422	Fredonia village.....	5,285	4,127	3,399	Salamanca village.....	5,792	4,251	3,692
Prospect Park borough.....	2,719	.....	.....	Freeport village.....	4,836	2,612	.....	Saranac Lake village.....	4,983	2,594	768
Rahway city.....	9,337	7,935	7,105	Fulton city.....	10,480	18,206	16,035	Saratoga Springs village.....	12,693	12,499	11,975
Raritan town.....	3,672	3,244	2,556	Geneva city.....	12,446	10,433	7,557	Saugerties village.....	3,929	3,697	4,237
Red Bank borough.....	7,398	5,428	4,145	Glens Falls city.....	15,243	12,613	9,509	Schenectady city.....	72,826	31,682	19,902
Ridgewood village.....	5,416	2,685	1,047	Gloversville city.....	20,642	18,349	13,864	Scotia village.....	2,957	.....	.....
Roosevelt borough.....	5,786	.....	.....	Goshen village.....	3,081	2,826	2,907	Seneca Falls village.....	6,588	6,519	6,116
Roselle borough.....	2,725	1,652	996	Gouverneur village.....	4,128	3,689	3,458	Sidney village.....	2,507	2,331	1,358
Roselle Park borough.....	3,138	.....	.....	Granville village.....	3,920	2,700	.....	Silver Creek village.....	2,512	1,944	1,678
Rutherford borough.....	7,045	4,411	2,293	Green Island village.....	4,757	4,770	4,463	Solvay village.....	5,139	3,493	563
Salem city.....	6,614	5,811	5,516	Greenport village.....	3,089	2,366	.....	Southampton village.....	2,309	2,289	.....
Secaucus borough.....	4,740	1,626	.....	Hastings-upon-Hudson village.....	4,532	2,002	1,466	Suffern village.....	2,663	1,619	.....
Somerville borough.....	5,060	4,843	3,861	Haverstraw village.....	5,669	5,935	5,070	Syracuse city.....	137,249	108,374	88,143
South Amboy city.....	7,007	6,349	4,330	Hempstead village.....	4,964	3,582	4,831	Tarrytown village.....	5,600	4,770	3,562
South Orange village.....	6,014	4,608	3,106	Herkimer village.....	7,520	5,555	.....	Tonawanda city.....	8,290	7,421	7,145
South River borough.....	4,772	2,792	1,796	Homer village.....	2,695	2,381	.....	Troy city.....	76,813	60,651	60,956
Summit city.....	7,500	5,302	.....	Hoosick Falls village.....	5,532	5,671	7,014	Tuckahoe village.....	2,722	.....	.....
Tenafly borough.....	2,756	1,746	1,046	Hornell city.....	13,617	11,918	10,996	Tupper Lake village.....	3,067	.....	.....
Trenton city.....	96,815	73,307	57,458	Hudson city.....	11,417	9,528	9,970	Utica city.....	74,419	56,383	44,007
Union town.....	21,023	15,187	10,643	Hudson Falls village.....	5,189	4,473	2,895	Walden village.....	4,004	3,147	2,132
Vineland borough.....	5,282	4,370	3,822	Ilion village.....	6,588	5,138	4,057	Walton village.....	3,103	2,811	2,299
Wallington borough.....	3,448	1,812	.....	Ithaca city.....	14,802	13,136	11,079	Wappingers Falls village.....	3,195	3,504	3,718
Washington borough.....	3,567	3,580	2,831	Jamestown city.....	31,297	22,892	16,038	Warsaw village.....	3,206	3,048	3,120
West Hoboken town.....	35,403	23,094	.....	Johnstown city.....	10,447	10,130	7,768	Waterford village.....	3,245	3,146	.....
West New York town.....	13,560	5,267	.....	Kingston city.....	25,908	24,535	21,261	Waterloo village.....	3,931	4,256	4,350
West Orange town.....	10,980	6,889	.....	Lackawanna city.....	14,549	.....	.....	Watertown city.....	26,730	21,696	14,725
Westfield town.....	6,420	.....	.....	Lancaster village.....	4,364	3,750	1,692	Watervliet city.....	15,074	14,321	12,967
Wharton borough.....	2,983	2,069	.....	Leroy village.....	3,771	3,144	2,743	Watkins village.....	2,817	2,943	2,604
Woodbury city.....	4,642	4,087	3,911	Lestershire village.....	3,775	3,111	.....	Waverly village.....	4,855	4,465	4,123
<b>New Mexico</b>				Little Falls city.....	12,273	10,381	8,783	Wellsville village.....	4,382	3,556	3,435
Albuquerque city.....	11,020	6,238	3,785	Lockport city.....	17,970	16,581	10,038	Westfield village.....	2,985	2,430	1,983
Clovis city.....	3,255	.....	.....	Lowville village.....	2,940	2,352	2,511	White Plains village.....	15,949	7,809	4,042
Las Cruces town.....	3,836	.....	.....	Lyons village.....	4,400	4,300	4,475	Whitehall village.....	4,917	4,377	4,434
Las Vegas city (East Las Vegas P. O.).....	3,755	3,552	2,312	Malone village.....	6,467	5,935	4,986	Yonkers city.....	79,803	47,931	32,033
Las Vegas town.....	3,179	2,767	2,385	Mamaroneck village.....	5,699	.....	.....	<b>North Carolina</b>			
Raton city.....	4,539	3,540	1,255	Massena village.....	2,951	2,032	1,049	Asheville city.....	18,762	14,694	10,235
Roswell city.....	6,172	2,049	343	Matteawan village.....	6,727	5,807	4,278	Belhaven town.....	2,863	383	.....
Santa Fe city.....	5,072	5,603	6,185	Mechanicville village.....	6,634	4,695	2,679	Burlington city.....	4,808	3,692	1,716
Silver City.....	3,217	2,735	2,102	Medina village.....	5,683	4,716	4,492	Charlotte city.....	34,014	18,091	11,557
Tucumcari city.....	2,526	.....	.....	Middletown city.....	15,313	14,522	11,977	Concord city.....	8,715	7,910	4,339
<b>New York</b>				Mount Kisco village.....	2,802	1,346	1,095	Durham city.....	18,241	6,679	5,485
Albany city.....	100,253	94,151	94,923	Mount Morris village.....	2,782	2,410	2,286	Edenton town.....	2,789	3,046	2,205
Albion village.....	5,016	4,477	4,586	Mount Vernon city.....	30,919	21,228	10,830	Elizabeth City town.....	8,412	6,348	3,251
Amityville village.....	2,517	2,038	2,293	New Rochelle city.....	28,867	14,720	9,057	Fayetteville town.....	7,045	4,670	4,222
Amsterdam city.....	31,267	20,929	17,336	New York City <sup>1</sup> .....	4,766,883	3,457,202	2,507,414	Gastonia town.....	5,759	4,610	1,033
Auburn city.....	34,668	30,345	25,858	Manhattan Borough.....	2,331,512	1,850,093	1,441,216	Goldboro city.....	6,107	5,877	4,017
Babylon village.....	2,600	2,157	.....	Bronx Borough.....	430,980	200,507	88,908	Graham town.....	2,504	2,032	991
Baldwinsville village.....	3,099	2,992	3,040	Brooklyn Borough.....	1,634,351	1,195,582	838,547	Greensboro city.....	15,895	10,035	3,317
Ballston Spa village.....	4,138	3,923	3,527	Richmond Borough.....	85,969	67,021	51,695	Greenville town.....	4,101	2,565	1,937
Batavia village.....	11,613	9,180	7,221	Queens Borough.....	284,041	152,999	87,050	Henderson town.....	4,503	3,746	4,191
Bath village.....	3,884	4,994	3,261	Newark village.....	6,227	4,578	3,698	Hendersonville town.....	2,818	1,917	1,216
Binghamton city.....	48,443	39,647	35,005	Newburgh city.....	27,805	24,943	23,087	Hickory town.....	3,716	2,535	2,023
Brookport village.....	3,579	3,338	3,742	Niagara Falls city.....	30,445	19,457	.....	High Point city.....	9,825	4,163	.....
Buffalo city.....	423,715	352,387	255,664	North Tarrytown village.....	5,421	4,241	3,179	Kinston town.....	6,995	4,106	1,726
Canandaigua village.....	7,217	6,151	5,868	North Tonawanda city.....	11,955	9,069	4,793	Lenoir town.....	3,364	1,296	673
Canastota village.....	5,247	3,030	2,774	Norwich village.....	7,422	5,766	5,212				

<sup>1</sup> Includes population of Oswego Falls village: 1900, 2,925; 1890, 1,821.<sup>2</sup> Population of New York and its boroughs as now constituted.



## ABSTRACT OF THE CENSUS—POPULATION.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>North Carolina—Con.</b>				<b>Ohio—Con.</b>				<b>Ohio—Con.</b>			
Lexington town.....	4,163	1,234	1,440	Elyria city.....	14,825	8,791	5,611	Wadsworth village....	3,073	1,764	1,574
Monroe city.....	4,082	2,427	1,866	Findlay city.....	14,858	17,613	18,553	Wapakoneta city.....	5,349	3,915	3,616
Mooreville town.....	3,400	1,533	886	Postoria city.....	9,597	7,730	7,070	Warren city.....	11,081	8,529	5,973
Morganton town.....	2,712	1,938	1,557	Franklin village.....	2,659	2,724	2,729	Washington Court House city.....	7,277	5,751	5,742
Mount Airy town.....	3,844	2,680	1,768	Fremont city.....	9,939	8,439	7,141	Wauseon village.....	2,650	2,148	2,060
Newbern city.....	9,961	9,090	7,843	Gallion city.....	7,214	7,282	6,326	Wellston city.....	6,875	8,045	4,377
Oxford town.....	3,018	2,059	2,907	Gallipolis city.....	5,560	5,432	4,498	Wellsville city.....	7,769	6,146	5,247
Raleigh city.....	19,218	13,643	12,678	Girard village.....	3,736	2,630	.....	Wilmington village.....	4,491	3,613	3,079
Reidsville town.....	4,828	3,262	2,969	Glouster village.....	2,527	2,155	.....	Woodsfield village.....	2,502	1,801	1,031
Rocky Mount town.....	8,051	2,937	816	Greenfield village.....	4,228	3,979	2,460	Wooster city.....	6,136	6,063	5,901
Salem town.....	5,533	3,642	2,711	Greenville city.....	6,237	5,501	5,473	Xenia city.....	8,706	8,696	7,301
Salisbury city.....	7,153	6,277	4,418	Hamilton city.....	35,279	23,914	17,565	Youngstown city.....	79,066	44,885	33,220
Shelby town.....	3,127	1,874	1,394	Hartwell village.....	2,823	1,833	1,507	Zanesville city.....	28,026	23,538	21,009
Statesville city.....	4,569	3,141	2,318	Hillsboro village.....	4,296	4,535	3,620				
Tarboro town.....	4,129	2,499	1,924	Ironton city.....	13,147	11,868	10,939				
Thomasville town.....	3,877	751	590	Jackson city.....	5,468	4,672	4,320	<b>Oklahoma<sup>1</sup></b>			
Washington city.....	6,211	4,842	3,545	Kent village.....	4,488	4,541	3,501	Ada city.....	4,349	3,257	.....
Wilmington city.....	25,748	20,976	20,056	Kenton city.....	7,185	6,852	5,557	Altus city.....	4,821	1,927	.....
Wilson town.....	6,717	3,325	2,126	Lakewood city.....	15,181	3,355	.....	Alva city.....	3,688	2,800	1,499
Winston city.....	17,167	10,008	8,018	Lancaster city.....	13,093	8,991	7,555	Anadarko city.....	3,439	2,190	.....
				Lebanon village.....	2,698	2,867	3,050	Ardmore city.....	8,618	8,759	5,681
<b>North Dakota</b>				Leetonia village.....	2,665	2,744	2,826	Bartlesville city.....	6,181	4,215	698
Bismarck city.....	5,443	3,319	2,186	Lima city.....	30,508	21,723	15,981	Blackwell city.....	3,266	2,644	2,283
Devils Lake city.....	5,157	1,729	846	Lisbon village.....	3,084	3,330	2,278	Chickasha city.....	10,320	7,802	3,209
Dickinson city.....	3,678	2,076	807	Lockland village.....	3,439	2,695	2,474	Claremore city.....	2,866	2,064	855
Fargo city.....	14,331	9,589	5,604	Logan village.....	4,850	3,480	3,119	Clinton city.....	2,781	1,278	.....
Grand Forks city.....	12,478	7,652	4,979	London village.....	3,530	3,511	3,313	Coalgate city.....	3,255	2,921	2,614
Jamestown city.....	4,358	2,853	2,296	Lorain city.....	28,883	16,028	4,863	Durant city.....	5,330	4,510	2,969
Mandan city.....	3,873	1,658	1,328	Madisonville city.....	5,193	3,140	2,214	El Reno city.....	7,872	5,370	3,383
Minot city.....	6,188	1,277	575	Mansfield city.....	20,768	17,640	13,473	Elk city.....	3,165	2,195	.....
Valley City.....	4,036	2,446	1,089	Marietta city.....	12,923	13,348	8,273	Enid city.....	13,799	10,087	3,444
Wahington city.....	3,124	763	295	Marion city.....	18,232	11,862	8,327	Frederick city.....	3,027	2,036	.....
<b>Ohio</b>				Marion city.....	9,183	7,760	6,250	Guthrie city.....	11,654	11,652	10,006
Akron city.....	69,067	42,728	27,601	Martins Ferry city.....	3,576	3,048	2,810	Hartshorne city.....	2,963	2,435	2,352
Alliance city.....	15,083	8,974	7,607	Marysville village.....	13,879	11,944	10,092	Hobart city.....	3,845	3,136	.....
Ashland city.....	6,795	4,087	3,566	Massillon city.....	2,734	2,232	2,073	Hugo city.....	4,582	2,676	.....
Ashtabula city.....	18,266	12,949	8,338	Medina village.....	4,271	3,941	2,952	Kingfisher city.....	2,538	2,214	2,301
Athens city.....	5,463	3,066	2,620	Miamisburg village.....	3,194	2,799	3,211	Krebs city.....	2,884	1,508	.....
Barberton city.....	9,410	4,354	.....	Middleport village.....	13,152	9,215	7,681	Lawton city.....	7,788	5,562	.....
Barnesville village.....	4,233	3,721	3,207	Middletown city.....	4,049	2,954	1,856	McAlester city.....	12,954	8,144	4,125
Bellaire city.....	12,946	9,912	9,934	Mingo Junction village.....	2,759	1,869	1,293	Mangum city.....	3,667	2,672	.....
Bellefontaine city.....	8,238	6,649	4,245	Montpelier village.....	9,087	6,633	6,027	Miami city.....	2,907	1,893	1,527
Bellevue city.....	5,209	4,101	3,052	Mount Vernon city.....	4,007	3,639	2,764	Muskogee city.....	25,278	14,418	4,254
Berea village.....	2,609	2,510	2,533	Napoleon village.....	6,082	5,421	4,558	Norman city.....	3,724	3,040	2,225
Bowling Green city.....	5,222	5,067	3,467	Nelsonville city.....	2,943	2,659	1,251	Nowata city.....	3,672	2,223	498
Bridgeport village.....	3,974	3,963	3,309	New Comerstown village.....	2,559	1,701	1,470	Oklahoma City.....	64,205	32,452	10,037
Bryan village.....	3,641	3,131	3,008	New Lexington village.....	8,512	6,213	4,456	Okmulgee city.....	4,176	2,322	.....
Bucyrus city.....	8,122	6,560	5,974	New Philadelphia city.....	25,404	18,157	14,270	Pauls Valley city.....	2,689	2,157	1,467
Byesville village.....	3,156	1,267	789	Newark city.....	5,813	5,909	.....	Pawhuska city.....	2,776	2,408	.....
Cambridge city.....	11,327	8,241	4,361	Newburgh city.....	8,361	7,468	4,289	Perry city.....	3,133	2,881	3,351
Canal Dover city.....	6,021	5,422	3,470	Niles city.....	2,503	3,561	2,857	Ponca city.....	2,521	2,529	2,528
Canton city.....	50,217	30,667	26,189	North Baltimore village.....	7,858	7,074	7,195	Purcell city.....	2,740	2,553	2,277
Carthage village.....	3,618	2,559	2,257	Norwalk city.....	16,185	6,480	.....	Sapulpa city.....	8,283	4,259	891
Celina village.....	3,493	2,815	2,702	Norwood city.....	4,365	4,082	4,376	Shawnee city.....	12,474	10,955	3,462
Chicago Junction village.....	2,950	2,348	1,299	Oberlin village.....	3,101	1,901	1,765	Stillwater city.....	3,444	2,577	2,431
Chillicothe city.....	14,508	12,976	11,288	Orrville village.....	5,501	5,024	4,755	Sulphur city.....	3,684	2,935	1,198
Cincinnati city.....	363,591	325,902	296,908	Painesville city.....	13,388	12,172	9,090	Tablequah city.....	2,891	1,916	1,482
Circleville city.....	6,744	6,991	6,556	Piqua city.....	4,023	4,639	4,726	Tulsa city.....	18,182	7,298	1,390
Cleveland city.....	560,663	381,768	261,353	Pomeroy village.....	3,007	2,450	2,049	Vinita city.....	4,082	3,157	2,339
Cleveland Heights village.....	2,955	.....	.....	Port Clinton village.....	23,481	17,870	12,394	Wagoner city.....	4,018	2,950	2,372
Clyde village.....	2,815	2,515	2,327	Portsmouth city.....	5,310	4,003	3,417	Waurika city.....	2,928	696	.....
Columbus city.....	181,511	125,560	88,150	Ravenna city.....	3,985	3,076	.....	Woodward city.....	2,696	2,018	.....
Conneaut city.....	8,319	7,133	3,241	Reading village.....	3,179	2,038	.....				
Coshocton city.....	9,603	6,473	3,672	Rockport village.....	5,002	3,384	1,779	<b>Oregon</b>			
Crestline village.....	3,807	3,282	2,911	St. Bernard city.....	5,732	5,359	3,000	Albany city.....	4,275	3,149	3,079
Crooksville village.....	3,028	835	.....	St. Marys city.....	8,943	7,582	5,780	Ashland city.....	5,020	2,634	1,784
Cuyahoga Falls village.....	4,020	3,186	2,614	Salem city.....	19,989	19,664	18,471	Astoria city.....	9,599	8,381	6,184
Dayton city.....	116,577	85,333	61,220	Sandusky city.....	4,903	4,685	1,977	Baker city.....	6,742	6,663	2,604
Defiance city.....	7,327	7,579	7,694	Shelby village.....	6,607	5,688	4,850	Corvallis city.....	4,552	1,819	1,527
Delaware city.....	9,076	7,940	8,224	Sidney city.....	46,921	38,233	31,895	Eugene city.....	9,009	3,236	.....
Delphos city.....	5,088	4,517	4,516	Springfield city.....	22,391	14,349	13,394	Grants Pass city.....	3,897	2,290	1,432
Dennison village.....	4,008	3,763	2,925	Steubenville city.....	3,370	.....	.....	Klamath Falls town.....	2,758	447	364
East Cleveland city.....	9,179	2,757	.....	Struthers village.....	11,894	10,989	10,801	La Grande city.....	4,843	2,991	2,583
East Liverpool city.....	20,387	16,485	10,956	Tiffin city.....	168,497	131,822	81,434	Marshfield town.....	2,980	1,391	1,461
East Palestine village.....	3,537	2,493	1,816	Toledo city.....	4,271	3,526	2,536	Medford city.....	8,840	1,791	967
East Youngstown village.....	4,972	.....	.....	Toronto village.....	6,122	5,881	4,494	Oregon City.....	4,287	3,494	3,062
Eaton village.....	3,187	3,155	2,934	Troy city.....	4,751	4,582	3,842	Pendleton city.....	4,460	4,406	2,506
Elmwood Place village.....	3,423	2,532	.....	Uhrichsville village.....	3,779	3,355	3,572	Portland city.....	207,214	90,426	46,385
				Upper Sandusky village.....	7,739	6,808	6,510	Roseburg city.....	4,738	1,690	1,472
				Van Wert city.....	7,157	6,422	5,512	St. Johns city.....	4,872	.....	.....
								Salem city.....	14,094	4,258	.....
								The Dalles city.....	4,880	3,542	3,029

<sup>1</sup> Figures for census of 1910, special census of 1907, and census of 1900 used.



## POPULATION OF CITIES.

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## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Pennsylvania</b>				<b>Pennsylvania—Con.</b>				<b>Pennsylvania—Con.</b>			
Allentown city.....	51,913	35,416	25,228	Erie city.....	66,525	52,733	40,634	New Brighton borough	8,329	6,820	5,616
Altoona city.....	32,127	38,973	30,337	Etna borough.....	5,830	5,384	3,767	New Castle city.....	36,280	28,339	11,000
Ambler borough.....	2,649	1,884	1,073	Exeter borough.....	3,537	1,948	790	New Kensington borough	7,707	4,665	.....
Ambridge borough.....	5,205	.....	.....	Ford City borough.....	4,850	2,870	.....	New Philadelphia borough	2,512	1,326	562
Apollo borough.....	3,006	2,924	2,156	Forest City borough.....	5,749	4,279	2,319	Norristown borough.....	27,875	22,265	19,791
Archbald borough.....	7,194	5,396	4,032	Frackville borough.....	3,118	2,594	2,520	North Braddock borough	11,824	6,535	.....
Ashtabula borough.....	6,855	6,438	7,346	Franklin city.....	9,767	7,317	6,221	North East borough.....	2,672	2,068	1,538
Ashley borough.....	5,601	4,046	3,192	Freedoms borough.....	3,060	1,783	704	Northampton borough.....	8,729	.....	.....
Aspinwall borough.....	2,592	1,231	.....	Freeland borough.....	6,197	5,254	1,730	Northumberland borough	3,517	2,748	2,744
Athens borough.....	3,796	3,749	3,274	Galeton borough.....	4,027	2,415	.....	Oakmont borough.....	3,436	2,323	1,678
Austin borough.....	2,941	2,300	1,679	Gallitzin borough.....	3,504	2,759	2,392	Oil City.....	15,657	13,264	10,932
Avalon borough.....	4,317	2,130	804	Gettysburg borough.....	4,030	3,495	3,221	Old Forge borough.....	11,324	5,630	.....
Avoca borough.....	4,634	3,487	3,031	Gilberton borough.....	5,401	4,373	3,687	Olyphant borough.....	8,505	6,180	4,083
Bangor borough.....	5,369	4,106	2,509	Girardville borough.....	4,396	3,666	3,584	Parkersburg borough.....	2,522	1,788	1,514
Barnesboro borough.....	3,535	1,482	.....	Glassport borough.....	5,540	.....	.....	Parnassus borough.....	2,578	1,791	516
Beaver borough.....	3,456	2,348	1,552	Greater Pottsville borough.....	9,058	6,746	4,194	Parsons borough.....	4,338	2,529	2,412
Beaver Falls borough.....	12,191	10,054	9,735	Greensburg borough.....	13,012	6,508	4,202	Patton borough.....	3,907	2,651	.....
Bellevue borough.....	4,145	4,216	3,946	Greenville borough.....	5,909	4,814	3,674	Pen Argyl borough.....	3,967	2,784	2,108
Bellevue borough.....	6,323	3,416	1,418	Grove City borough.....	3,674	1,999	1,160	Perkasie borough.....	2,779	1,803	458
Berwick borough.....	5,357	3,916	2,701	Hanover borough.....	7,057	5,302	3,746	Philadelphia city.....	1,540,008	1,293,097	1,046,964
Bethlehem borough.....	12,837	10,758	9,521	Harrisburg city.....	64,186	50,167	39,385	Philipsburg borough.....	3,585	3,266	3,245
Birdsboro borough.....	2,930	2,264	2,261	Hazleton city.....	25,452	14,230	11,872	Phoenixville borough.....	10,743	9,196	8,514
Blairsville borough.....	3,572	3,386	3,126	Holidaysburg borough.....	3,734	2,998	2,975	Pittsboro borough.....	4,975	2,601	.....
Blakeburg borough.....	5,345	3,915	2,452	Homestead borough.....	18,713	12,554	7,911	Pittsburgh city.....	533,905	451,512	343,904
Bloomsburg town.....	7,413	6,170	4,635	Honesdale borough.....	2,945	2,864	2,816	Pittston city.....	16,267	12,556	10,302
Brackenridge borough.....	3,134	.....	.....	Huntingdon borough.....	6,861	6,083	5,729	Plymouth borough.....	16,996	13,649	9,344
Bradford borough.....	19,357	15,654	8,501	Indiana borough.....	5,749	4,142	1,963	Port Carbon borough.....	2,678	2,168	1,976
Bradford city.....	14,544	15,029	10,514	Irwin borough.....	2,886	2,452	2,428	Portage borough.....	2,954	816	.....
Bridgeport borough.....	3,860	3,097	2,651	Jennett borough.....	8,077	5,865	3,296	Pottstown borough.....	15,599	13,696	13,285
Bristol borough.....	9,256	7,104	6,553	Jenkintown borough.....	2,968	2,091	1,609	Pottsville borough.....	20,236	15,710	14,117
Brookville borough.....	3,003	2,472	2,478	Jermyn borough.....	3,158	2,567	2,650	Quakertown borough.....	3,801	3,014	2,169
Butler borough.....	20,728	10,853	8,734	Jersey Shore borough.....	5,381	3,070	1,853	Rankin borough.....	6,042	3,775	.....
Canonsburg borough.....	3,891	2,714	2,113	Johnstown borough.....	4,334	3,894	.....	Reading city.....	96,071	78,961	58,661
Carbondale city.....	17,040	13,536	10,833	Johnstown city.....	55,482	35,936	21,806	Renovo borough.....	4,621	4,082	4,154
Carlisle borough.....	10,303	9,626	7,620	Juniata borough.....	5,285	1,709	.....	Reynoldsville borough.....	3,189	3,435	2,789
Carnegie borough.....	10,009	7,330	.....	Kane borough.....	6,626	5,296	2,944	Ridgway borough.....	5,408	3,515	1,903
Carrick borough.....	6,117	.....	.....	Kingston borough.....	6,626	5,296	2,944	Rochester borough.....	5,903	4,688	3,649
Catawba borough.....	5,250	3,963	3,704	Kittanning borough.....	4,311	3,902	3,065	Royersford borough.....	3,073	2,607	1,815
Chambersburg borough.....	11,800	8,864	7,863	Knoxville borough.....	5,651	3,511	1,723	St. Clair borough.....	5,640	.....	.....
Charleroi borough.....	9,615	4,930	.....	Lancaster city.....	47,227	41,459	32,011	St. Clair borough.....	6,455	4,638	3,680
Chester city.....	38,537	33,988	20,226	Lansford borough.....	8,321	4,888	4,004	St. Marys borough.....	6,346	4,295	1,745
Clairton borough.....	3,326	.....	.....	Lansdale borough.....	3,551	2,754	1,858	Sayre borough.....	6,426	5,243	.....
Clairton borough.....	2,612	2,004	2,164	Lansdowne borough.....	4,066	2,630	.....	Schuylkill Haven borough	4,747	3,654	3,088
Clairfield borough.....	6,851	5,081	2,248	Larksville borough.....	9,288	.....	.....	Scottsdale borough.....	5,456	4,261	2,693
Clifton Heights borough.....	3,185	2,330	1,820	Latrobe borough.....	8,777	4,614	3,589	Scranton city.....	129,867	102,026	75,215
Coaldale borough.....	5,154	.....	.....	Lebanon city.....	19,240	17,628	14,664	Sewickley borough.....	4,479	3,568	2,776
Coatesville borough.....	11,084	5,721	3,680	Leechburg borough.....	3,624	2,459	1,921	Shamokin borough.....	19,588	18,202	14,403
Columbia borough.....	11,454	12,316	10,599	Lehighton borough.....	5,316	4,629	2,959	Sharon borough.....	15,270	8,916	7,459
Connellsville borough.....	12,845	7,160	5,629	Lewistown borough.....	3,081	3,457	3,248	Sharpsburg borough.....	8,153	6,842	4,898
Conshohocken borough.....	7,480	5,762	5,470	Lewistown borough.....	8,166	4,451	3,273	Sharpsville borough.....	3,634	2,970	2,330
Coplay borough.....	2,670	1,581	880	Lock Haven city.....	7,772	7,210	7,338	Shenandoah borough.....	25,774	20,321	15,944
Coraopolis borough.....	5,252	2,555	962	Luzerne borough.....	5,426	3,817	2,398	Shippensburg borough.....	3,457	3,228	2,188
Corry city.....	5,991	5,369	5,677	Lykens borough.....	2,943	2,762	2,450	Slatington borough.....	4,454	3,773	2,716
Coudersport borough.....	3,100	3,217	1,530	McAdoo borough.....	3,389	2,122	.....	Somerset borough.....	2,612	1,834	1,713
Crafton borough.....	4,583	1,927	.....	McDonald borough.....	2,543	2,475	1,698	South Bethlehem borough	19,973	13,241	10,302
Curwensville borough.....	2,549	1,937	1,664	McKees Rocks borough.....	14,702	6,352	.....	South Brownsville borough	3,943	1,805	1,030
Danville borough.....	7,517	8,042	7,998	McKeesport city.....	42,694	34,227	20,741	South Fork borough.....	4,592	2,635	1,295
Darby borough.....	6,305	3,429	2,972	Mahanoy City borough.....	15,936	13,504	11,286	South Sharon borough.....	10,190	.....	.....
Derry borough.....	2,954	2,347	1,968	Manch Chunk borough.....	3,932	4,029	4,101	South Williamsport borough	3,734	3,328	2,900
Dickson City borough.....	9,331	4,948	3,110	Mayfield borough.....	3,662	2,300	1,695	Spangler borough.....	2,700	1,616	.....
Donora borough.....	8,174	.....	.....	Meadville city.....	12,780	10,291	9,520	Spring City borough.....	2,880	2,566	1,797
Dorchester borough.....	4,046	2,211	586	Mechanicsburg borough.....	4,469	3,841	3,601	Steelton borough.....	14,246	12,086	9,250
Downingtown borough.....	3,326	2,133	1,920	Media borough.....	3,562	3,075	2,736	Stroudsburg borough.....	4,379	3,450	2,419
Doylesburg borough.....	3,304	3,034	2,519	Meyersdale borough.....	3,741	3,024	1,847	Summit Hill borough.....	4,209	2,986	2,816
Dubois borough.....	12,623	9,375	6,149	Middletown borough.....	5,374	5,608	5,080	Sunbury borough.....	13,770	9,810	5,930
Dunmore borough.....	17,615	12,583	8,315	Millvale borough.....	7,861	6,736	3,809	Susquehanna borough.....	3,478	3,813	3,872
Duquesne borough.....	15,727	9,036	.....	Milton borough.....	7,460	6,175	5,317	Swissvale borough.....	7,381	1,716	.....
Duryea borough.....	7,487	.....	.....	Miners Mills borough.....	3,159	2,224	2,075	Swoyersville borough.....	5,396	2,264	.....
East Conemaugh borough.....	5,046	2,175	1,158	Minersville borough.....	7,240	4,815	3,504	Tamaqua borough.....	9,462	7,267	6,054
East Mauch Chunk borough.....	3,548	3,458	2,772	Monaca borough.....	3,376	2,008	1,494	Tarantum borough.....	7,414	5,472	4,627
East Pittsburgh borough.....	5,615	2,883	.....	Monessen borough.....	11,775	2,197	.....	Taylor borough.....	9,060	4,215	.....
East Stroudsburg borough.....	3,330	2,648	1,819	Monongahela City.....	7,598	5,173	4,096	Throop borough.....	5,133	2,204	.....
Easton city.....	28,523	25,238	14,481	Moosic borough.....	3,964	1,227	.....	Titusville city.....	8,533	8,244	8,073
Edgewood borough.....	2,596	1,139	616	Mount Carmel borough.....	17,532	13,179	8,254	Towanda borough.....	4,281	4,663	4,169
Edwardsville borough.....	8,407	5,165	3,284	Mount Oliver borough.....	4,241	2,295	.....	Turtle Creek borough.....	4,965	3,262	.....
Elizabethtown borough.....	2,587	1,473	1,218	Mount Pleasant borough.....	5,812	4,745	3,652				
Ellwood City borough.....	3,902	2,243	.....	Mount Union borough.....	3,338	1,086	810				
Emaus borough.....	3,501	1,468	883	Munhall borough.....	5,185	.....	.....				
Emporium borough.....	2,916	2,463	2,147	Nanticoke borough.....	18,877	12,116	10,044				
Ephrata borough.....	3,192	2,451	.....	Nazareth borough.....	3,978	2,304	1,318				

\* Includes population of West Bethlehem borough: 1900, 3,465; 1890, 2,759.

\* Includes population of Clayville borough: 1900, 2,371; 1890, 1,402.

\* Includes population of Allegheny city: 1900, 129,896; 1890, 105,287.

\* Allegheny County.

\* Schuylkill County.



## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Pennsylvania—Con.</b>				<b>South Dakota</b>				<b>Texas—Con.</b>			
Tyrone borough.....	7,176	5,847	4,705	Aberdeen city.....	10,753	4,087	3,182	Greenville city.....	8,850	6,800	4,330
Union City borough.....	3,684	3,104	2,261	Brookings city.....	2,971	2,346	1,518	Hillsboro city.....	6,115	5,346	2,541
Uniontown borough.....	13,344	7,344	6,359	Deadwood city.....	3,653	3,498	2,366	Houston city.....	78,800	44,633	27,557
Vandergrift borough.....	3,876	2,076	.....	Huron city.....	5,791	2,793	3,038	Houston Heights town.....	6,984	800	.....
Vandergrift Heights borough.....	3,438	1,910	.....	Lead city.....	8,392	6,210	2,581	Jacksonville city.....	2,875	1,568	970
Verona borough.....	2,849	1,904	1,477	Madison city.....	3,137	2,550	1,736	Jefferson city.....	2,515	2,850	3,072
Warren borough.....	11,080	8,043	4,332	Mitchell city.....	6,515	4,055	2,217	Laredo city.....	14,855	13,429	11,319
Washington borough.....	18,778	7,670	7,063	Pierre city.....	3,636	2,306	3,235	Lockhart town.....	2,945	2,306	1,233
Waynesboro borough.....	7,199	5,396	3,811	Rapid City.....	3,854	1,342	2,128	Longview city.....	5,155	3,591	2,034
Waynesburg borough.....	3,545	2,544	2,101	Redfield city.....	3,060	1,015	796	Lufkin town.....	2,749	1,527	529
Weatherly borough.....	2,501	2,471	2,961	Sioux Falls city.....	14,094	10,266	10,177	McKinney city.....	4,714	4,342	2,489
Wellsboro borough.....	3,183	2,954	2,961	Watertown city.....	7,010	3,352	2,672	Marlin city.....	3,878	3,092	2,058
West Berwick borough.....	5,512	.....	.....	Yankton city.....	3,787	4,125	3,670	Marshall city.....	11,452	7,855	7,207
West Chester borough.....	11,767	9,524	8,028	<b>Tennessee</b>				Mart town.....	2,939	.....	.....
West Hazleton borough.....	4,715	2,516	931	Bristol town <sup>1</sup> .....	7,148	5,271	3,324	Mexia town.....	2,694	2,393	1,674
West Homestead borough.....	3,009	.....	.....	Brownsville city.....	2,882	2,645	2,516	Mineral Wells city.....	3,950	2,048	577
West Newton borough.....	2,880	2,467	2,285	Chattanooga city.....	44,604	30,154	29,100	Mount Pleasant city.....	3,137	.....	.....
West Pittston borough.....	6,848	5,846	3,906	Clarksville city.....	8,548	9,431	7,924	Nacogdoches city.....	3,369	1,827	1,138
Wickboro borough.....	2,775	.....	.....	Cleveland city.....	5,549	3,858	2,803	Nasasota town.....	3,284	3,857	2,997
Wilkes-Barre city.....	67,105	51,721	37,718	Columbia city.....	5,754	6,052	5,370	New Braunfels city.....	3,165	2,097	1,608
Wilkesburg borough.....	18,924	11,886	4,062	Covington town.....	2,990	2,787	1,067	Orange city.....	5,527	3,835	3,173
Williamsport city.....	31,800	28,757	27,132	Dyersburg city.....	4,149	3,647	2,009	Palestine city.....	10,482	8,297	5,838
Williamstown borough.....	2,904	2,934	2,324	Fayetteville town.....	3,439	2,708	2,410	Paris city.....	11,269	9,358	8,254
Wilmerding borough.....	6,133	4,179	419	Franklin town.....	2,924	2,180	2,250	Plainview town.....	2,829	.....	.....
Windber borough.....	8,013	.....	.....	Harriman city.....	3,061	3,442	716	Port Arthur city.....	7,663	900	.....
Winton borough.....	5,280	3,425	1,797	Humboldt town.....	3,446	2,866	1,837	Quanaah city.....	3,127	1,651	1,477
Wyoming borough.....	3,010	1,909	1,794	Jackson city.....	15,779	14,511	10,039	San Angelo city.....	10,321	.....	.....
York city.....	44,750	33,708	20,793	Johnson City town.....	8,502	4,645	4,161	San Antonio city.....	96,614	53,321	37,673
<b>Rhode Island</b>				Knoxville city.....	36,346	32,637	22,535	San Marcos town.....	4,071	2,292	2,335
Bristol town.....	8,565	6,901	5,478	La Follette city.....	2,816	366	.....	Seguin town.....	3,116	2,421	1,716
Burrillville town.....	7,878	6,317	5,492	Lebanon town.....	3,659	1,956	1,883	Sherman city.....	12,412	10,243	7,333
Central Falls city.....	22,754	18,167	.....	Lenoir City town.....	3,392	.....	.....	Smithville city.....	3,167	2,577	616
Coventry town.....	5,848	5,279	5,068	Memphis city.....	131,105	102,320	64,495	Snyder town.....	2,514	.....	.....
Cranston city.....	21,107	13,343	8,099	Morristown town.....	4,007	2,973	1,999	Stamford city.....	3,902	.....	.....
Cumberland town.....	10,107	8,925	8,090	Murfreesboro city.....	4,679	3,999	3,739	Stephenville city.....	2,561	1,902	909
East Greenwich town.....	2,420	2,775	3,127	Nashville city.....	110,364	80,865	76,168	Sulphur Springs city.....	5,151	3,635	3,038
East Providence town.....	15,808	12,138	8,422	Paris city.....	3,881	2,018	1,917	Sweetwater town.....	4,176	670	614
Johnston town.....	5,935	4,305	9,778	Park City town.....	5,126	.....	.....	Taylor city.....	5,314	4,211	2,584
Lincoln town.....	9,825	8,937	20,355	Pulaski town.....	2,928	2,838	2,274	Tenue city.....	3,288	.....	.....
Newport city.....	27,149	22,441	19,457	Rockwood town.....	3,660	2,899	2,305	Temple city.....	10,993	7,065	4,047
North Kingstown town.....	4,048	4,194	4,193	Shelbyville town.....	2,899	2,236	1,823	Terrell city.....	7,050	6,330	2,988
North Providence town.....	5,407	3,016	2,084	Tallahassee town.....	3,049	2,084	2,439	Texarkana city <sup>2</sup> .....	9,790	5,256	2,852
North Smithfield town.....	2,699	2,422	3,173	Union City town.....	4,389	3,407	3,441	Tyler city.....	10,400	8,009	6,908
Pawtucket city.....	51,622	39,231	27,633	<b>Texas</b>				Uvalde town.....	3,998	1,889	1,265
Portsmouth town.....	2,681	2,105	1,949	Abilene city.....	9,204	3,411	3,194	Vernon town.....	3,195	1,993	2,857
Providence city.....	224,326	175,697	132,146	Amarillo city.....	9,957	1,442	482	Victoria city.....	3,673	4,010	3,046
Scituate town.....	3,493	3,361	3,174	Austin city.....	29,890	22,258	14,575	Waco city.....	26,425	20,686	14,445
Smithfield town.....	2,739	2,107	2,500	Ballinger city.....	3,536	1,128	.....	Waxahachie town.....	6,205	4,215	3,076
South Kingstown town.....	5,176	4,972	4,823	Bay City town.....	3,156	.....	.....	Weatherford city.....	5,074	4,786	3,309
Tiverton town.....	4,032	2,977	2,837	Beaumont city.....	20,640	9,427	3,296	Wichita Falls city.....	8,200	2,480	1,967
Warren town.....	6,585	5,108	4,489	Beeville city.....	3,269	.....	.....	Yoakum town.....	4,657	3,499	1,745
Warwick town.....	26,629	21,316	17,761	Belton city.....	4,164	3,700	3,000	<b>Utah</b>			
Westerly town.....	8,096	7,541	6,813	Big Spring city.....	4,102	.....	.....	American Fork city.....	2,797	2,732	.....
Woonsocket city.....	38,125	28,204	20,830	Bonham city.....	4,844	5,042	3,361	Bingham town.....	2,881	.....	.....
<b>South Carolina</b>				Bowie city.....	2,874	2,600	1,486	Brigham city.....	3,685	2,859	2,139
Abbeville city.....	4,459	3,766	1,696	Brady city.....	2,669	.....	.....	Eureka city.....	3,416	3,085	1,733
Aiken city.....	3,911	3,414	2,362	Brenham city.....	4,718	5,968	5,209	Lehi City.....	2,964	2,719	.....
Anderson city.....	9,614	8,498	3,018	Brownsville city.....	10,517	6,305	6,134	Logan city.....	7,522	5,451	4,565
Bennettsville town.....	2,646	1,929	978	Brownwood city.....	6,967	3,965	2,176	Murray city.....	4,057	.....	.....
Camden city.....	3,569	2,441	3,533	Bryan city.....	4,132	3,589	2,979	Nephi city.....	2,759	2,208	2,034
Charleston city.....	58,833	55,807	54,955	Calvert town.....	2,579	3,322	2,632	Ogden City.....	25,580	16,313	14,889
Cheraw town.....	2,873	1,151	976	Cameron city.....	3,263	3,341	1,608	Park city.....	3,439	3,759	2,859
Chester city.....	4,754	4,075	2,703	Childress city.....	3,818	692	.....	Provo city.....	8,925	6,185	5,159
Clinton town.....	3,272	1,869	1,021	Cleburne city.....	10,364	7,493	3,278	Richfield city.....	2,559	1,969	1,531
Columbia city.....	26,319	21,108	15,353	Coleman city.....	3,046	1,362	906	Salt Lake City.....	92,777	53,531	44,843
Darlington town.....	3,789	3,028	2,389	Comanche town.....	2,756	2,070	1,226	Spanish Fork city.....	3,464	2,735	2,214
Easley town.....	2,983	903	421	Commerce city.....	2,818	1,800	810	Springville city.....	3,356	3,422	2,849
Florence city.....	7,057	4,647	3,395	Corpus Christi city.....	8,222	4,703	4,387	Tooele city.....	2,753	1,200	.....
Gaffney town.....	4,767	3,937	1,631	Corsicana city.....	9,749	9,313	6,285	<b>Vermont</b>			
Georgetown city.....	5,530	4,138	2,895	Crockett town.....	3,947	2,612	1,445	Barre city.....	10,734	8,448	4,146
Greenville city.....	15,741	11,800	8,607	Cuero town.....	3,109	3,422	2,442	Barre town.....	4,194	3,346	2,606
Greenwood town.....	6,614	4,824	1,326	Dalhousie city.....	2,580	.....	.....	Barton town.....	3,346	2,790	2,217
Laurens town.....	4,818	4,029	2,245	Dallas city.....	92,104	42,638	38,067	Bennington town.....	8,098	8,033	6,391
Marion town.....	3,844	1,831	1,640	Denison city.....	13,632	11,807	10,958	Bennington village.....	6,211	5,656	5,371
Newberry town.....	5,028	4,607	3,020	Denton city.....	4,732	4,187	2,558	Brandon town.....	2,712	2,759	3,310
Orangeburg city.....	5,906	4,455	2,964	Dublin city.....	2,551	2,370	2,025	Brattleboro town.....	7,541	6,640	6,862
Rock Hill city.....	7,216	5,485	2,744	Eagle Pass town.....	3,536	.....	.....	Brattleboro village.....	6,517	5,297	5,467
Spartanburg city.....	17,517	11,395	5,544	El Paso city.....	39,279	15,906	10,338	Burlington city.....	20,468	18,640	14,590
Sumter city.....	8,109	5,673	3,865	Ennis city.....	5,669	4,919	2,171	Colchester town.....	6,450	5,352	5,143
Union town.....	5,623	5,400	1,609	Fort Worth city.....	73,312	26,688	23,076	Winooski village.....	4,530	5,783	5,659
				Gainesville city.....	7,624	7,874	6,594	Derby town.....	3,639	3,274	2,900
				Galveston city.....	36,951	37,789	29,084	Essex town.....	2,714	2,203	2,013
				Georgetown city.....	3,096	2,790	2,447	Fair Haven town.....	3,095	2,999	2,791
				Gonzales city.....	3,139	4,297	1,641	Fair Haven village.....	2,554	2,470	.....
								Hardwick town.....	3,201	2,466	1,547

<sup>1</sup> Joint population of Bristol town, Sullivan County, Tenn., and Bristol city, Va.: 1910, 13,395; 1900, 9,850; 1890, 6,226.

<sup>2</sup> Joint population of Texarkana city, Miller County, Ark., and Texarkana city, Bowie County, Tex.: 1910, 15,445; 1900, 10,170; 1890, 6,380.



## POPULATION OF CITIES.

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## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Vermont—Con.</b>				<b>Washington—Con.</b>				<b>Wisconsin—Con.</b>			
Hartford town.....	4,179	3,817	3,740	Chehalis city.....	4,507	1,775	1,309	Fort Atkinson city....	3,877	3,043	2,283
Lyndon town.....	3,294	2,956	2,619	Cle Elum city.....	2,749	.....	.....	Grand Rapids city.....	6,321	4,493	1,702
Middlebury town.....	2,848	3,045	2,793	Colfax city.....	2,783	2,121	1,649	Green Bay city.....	25,236	18,684	9,069
Montpelier city.....	7,856	6,266	4,160	Ellensburg city.....	4,209	1,737	2,768	Hartford city.....	2,982	1,632	1,296
Morristown town.....	2,632	2,583	2,411	Everett city.....	24,814	7,838	.....	Hudson city.....	2,810	3,259	2,885
Newport town.....	3,684	3,113	3,047	Hillyard city.....	3,276	.....	.....	Janesville city.....	13,894	13,185	10,836
Newport village.....	2,548	1,874	1,750	Hoquiam city.....	8,171	2,608	1,302	Jefferson city.....	2,582	2,584	2,287
Northfield town.....	3,226	2,855	2,628	North Yakima city.....	14,082	3,154	1,535	Kaukauna city.....	4,717	5,115	4,667
Poultney town.....	3,644	3,108	3,031	Olympia city.....	6,996	3,863	4,698	Kenosha city.....	21,371	11,606	6,532
Proctor town.....	2,871	2,136	1,758	Port Townsend city....	4,181	3,443	4,558	La Crosse city.....	30,417	28,895	25,090
Proctor village.....	2,756	2,015	.....	Pullman city.....	2,602	1,308	868	Lake Geneva city.....	3,079	2,585	2,297
Randolph town.....	3,191	3,141	3,232	Puyallup city.....	4,544	1,884	1,732	Madison city.....	25,531	19,164	13,426
Richford town.....	2,907	2,421	2,196	Renton town.....	2,740	.....	.....	Manitowoc city.....	13,027	11,796	7,710
Rockingham town.....	6,207	5,809	4,579	Roslyn town.....	3,126	2,796	1,484	Marinette city.....	14,610	16,195	11,523
Bellevue Falls village.	4,583	4,357	5,092	Seattle city.....	237,194	80,671	42,837	Marshfield city.....	5,783	5,240	3,450
Rutland city.....	13,546	11,499	.....	Seaboard city.....	3,244	2,101	1,903	Menasha city.....	6,081	5,589	4,581
St. Albans city.....	6,381	6,299	.....	South Bend city.....	3,023	711	.....	Menomonee city.....	5,036	5,655	5,491
St. Johnsbury town.....	8,098	7,010	6,507	Spokane city.....	104,402	36,848	19,922	Merrill city.....	8,689	8,537	6,809
St. Johnsbury village.	6,635	5,695	5,857	Tacoma city.....	83,743	37,714	36,006	Milwaukee city.....	373,857	285,315	204,468
Springfield town.....	4,784	3,432	2,881	Vancouver city.....	9,300	3,126	3,545	Mineral Point city....	2,925	2,991	2,694
Springfield village....	5,850	2,040	1,512	Walla Walla city.....	19,364	10,049	4,709	Monroe city.....	4,410	3,927	3,768
Swanton town.....	3,628	3,745	3,231	Wenatchee city.....	4,050	451	.....	Neenah city.....	5,734	5,954	5,083
Waterbury town.....	3,273	2,810	2,232	<b>West Virginia</b>				New London city.....	3,353	2,742	2,050
West Rutland town.....	3,427	2,914	3,680	Benwood city.....	4,976	4,511	2,934	Oconomowoc city.....	3,054	2,880	2,729
Woodstock town.....	2,545	2,557	2,545	Bluefield city.....	11,188	4,644	1,775	Oconto city.....	5,629	5,646	5,219
<b>Virginia</b>				Charles Town.....	2,662	2,392	2,287	Oshkosh city.....	33,062	28,284	22,836
Alexandria city.....	15,329	14,528	14,339	Charleston city.....	22,996	11,099	6,742	Platteville city.....	4,452	3,340	2,740
Bedford City town.....	2,508	2,416	2,897	Chester city.....	3,184	.....	.....	Plymouth city.....	3,094	2,257	1,503
Big Stone Gap town....	2,590	1,617	.....	Clarksburg city.....	9,201	4,050	3,008	Port Washington city..	3,792	3,010	1,659
Bristol city.....	6,247	4,579	2,902	Davis town.....	2,615	2,391	918	Portage city.....	5,440	5,459	5,143
Buena Vista city.....	3,245	2,388	1,044	Elkins city.....	5,260	2,016	737	Prairie du Chien city..	3,149	3,232	3,131
Charlottesville city....	6,765	6,449	5,591	Fairmont city.....	9,711	5,655	1,023	Racine city.....	38,002	29,102	21,014
Clifton Forge city.....	5,748	5,579	1,792	Grafton city.....	7,563	5,650	3,159	Reedsburg city.....	2,615	2,225	1,737
Covington town.....	4,234	2,950	704	Hinton city.....	3,656	3,763	2,570	Rhinelander city.....	5,637	4,968	2,638
Danville city.....	19,020	16,520	10,305	Huntington city.....	31,161	11,923	10,108	Rice Lake city.....	3,968	3,002	2,130
Farmville town.....	2,971	2,471	2,404	Keyser town.....	3,705	2,536	2,165	Richland Center city..	2,652	2,321	1,819
Fredericksburg city....	5,874	5,068	4,528	McMechen city.....	2,921	1,465	427	Ripon city.....	3,739	3,818	3,358
Hampton city.....	5,505	2,764	2,513	Mannington city.....	2,672	1,681	908	Shawano city.....	2,923	1,863	1,505
Harrisonburg town.....	4,879	3,521	2,792	Martinsburg city.....	10,698	7,564	7,226	Sheboygan city.....	26,398	22,962	16,359
Lexington town.....	2,931	3,203	3,059	Morgantown city.....	9,150	1,895	1,011	South Milwaukee city..	6,092	3,392	.....
Lynchburg city.....	29,494	18,891	19,709	Moundsville city.....	8,918	5,362	2,688	Sparta city.....	3,973	3,555	2,795
Marion town.....	2,727	2,045	1,651	Parkersburg city.....	17,842	11,703	8,408	Stanley city.....	2,675	2,387	.....
Martinsville town.....	3,368	2,384	.....	Princeton city.....	3,027	.....	.....	Stevens Point city....	8,692	9,524	7,896
Newport News city.....	20,205	19,635	.....	Richwood town.....	3,061	.....	.....	Stoughton city.....	4,761	3,431	2,470
Norfolk city.....	67,452	46,624	34,871	Sistersville city.....	2,684	2,979	469	Sturgeon Bay city.....	4,262	3,372	2,195
Petersburg city.....	24,127	21,810	22,680	Wellsburg city.....	4,189	2,588	2,235	Superior city.....	40,384	31,091	11,983
Portsmouth city.....	33,190	17,427	13,268	Wheeling city.....	41,641	38,878	34,522	Tomah city.....	3,419	2,840	2,199
Pulaski town.....	4,807	2,813	2,112	Williamson city.....	3,561	.....	.....	Tomahawk city.....	2,907	2,291	1,816
Radford city.....	4,202	3,344	2,060	<b>Wisconsin</b>				Two Rivers city.....	4,850	3,784	2,870
Richmond city.....	127,628	85,050	81,388	Antigo city.....	7,196	5,145	4,424	Washburn city.....	3,830	.....	.....
Roanoke city.....	34,874	21,495	16,159	Appleton city.....	16,773	15,085	11,869	Watertown city.....	8,829	8,437	8,755
Salem town.....	3,849	3,412	3,279	Ashland city.....	11,594	13,074	9,956	Waukesha city.....	8,740	7,419	6,321
South Boston town.....	3,516	1,851	1,789	Baraboo city.....	6,324	5,751	4,605	Waupaca city.....	2,789	2,912	2,127
Stanton city.....	10,604	7,289	6,975	Beaver Dam city.....	6,758	5,128	4,222	Waupun city.....	3,362	3,185	2,757
Suffolk town.....	7,008	3,827	3,354	Beloit city.....	15,125	10,436	6,315	Wausau city.....	16,560	12,354	9,253
Williamsburg city.....	2,714	2,044	1,831	Berlin city.....	4,636	4,489	4,149	Wauwatosa city.....	3,346	2,842	.....
Winchester city.....	5,864	5,161	5,196	Burlington city.....	3,212	2,526	2,043	West Allis city.....	6,645	.....	.....
Wytheville town.....	3,054	3,003	2,570	Chippewa Falls city....	8,893	8,094	8,670	Whitewater city.....	3,224	3,405	4,359
<b>Washington</b>				Columbus city.....	2,523	2,349	1,977	<b>Wyoming</b>			
Aberdeen city.....	13,660	3,747	1,638	Cudahy city.....	3,691	1,366	.....	Casper town.....	2,639	883	544
Anacortes city.....	4,168	1,476	1,131	De Pere city.....	4,477	4,038	3,625	Cheyenne city.....	11,320	14,087	11,690
Bellingham city.....	24,298	11,062	8,135	Eau Claire city.....	18,310	17,517	17,415	Evanston town.....	2,583	2,110	1,995
Bremerton city.....	2,993	.....	.....	Edgerton city.....	2,513	2,192	1,595	Laramie city.....	8,237	8,207	6,388
Centralia city.....	7,311	1,600	2,026	Fond du Lac city.....	18,797	15,110	12,024	Rawlins city.....	4,256	2,317	2,235
								Rock Springs city.....	5,778	4,363	3,406
								Sheridan city.....	8,408	1,559	281

<sup>1</sup> Joint population of Bristol town, Sullivan County, Tenn., and Bristol city, Va.: 1910, 13,395; 1900, 9,850; 1890, 6,220.

<sup>2</sup> Includes population (357) of West Clifton Forge town.

<sup>3</sup> Fairhaven and New Whatcom cities consolidated under the name of Bellingham city in 1903.







## CHAPTER 2.

### COLOR OR RACE, NATIVITY, PARENTAGE, AND SEX.

**Introduction.**—This chapter, dealing with the composition of the population, gives in condensed form statistics relative to color or race, nativity, parentage, and sex, as returned at the Thirteenth Decennial Census, taken as of April 15, 1910, with comparative figures for prior censuses. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

The classification by color or race distinguishes six groups, namely, white, negro, Indian, Chinese, Japanese, and "All other" (consisting principally of Hindus and Koreans). On account of their comparatively small number, the four last-named groups are combined in some of the tables.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born in foreign countries; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. In many of the tables native whites of foreign parentage and of mixed parentage are combined.

This double classification by color or race, and by nativity and parentage, results in five principal classes of the population—the native whites of native parentage, the native whites of foreign or mixed parentage, the foreign-born whites, the negroes, and all others. The last named group is frequently omitted from the tables, as it is neither numerous nor important.

Following in each case this classification according to color or race, nativity, and parentage, statistics are presented in the first section of this chapter for the total population; in the second section for the total population distinguished by sex; in the third section for the population 21 years of age and over, also distinguished by sex; and in the fourth section for the male population of militia age (18 to 44 years, inclusive). In connection with the population 21 years of age and over, much greater detail is given regarding males than regarding females, and statistics are also presented relative to the naturalization of the foreign-born white males.

#### TOTAL POPULATION BY COLOR OR RACE, NATIVITY, AND PARENTAGE.

##### UNITED STATES AS A WHOLE.

**General summary: 1910 and 1900.**—Table 1 shows the number of persons of each color or race at the last two censuses, the total number of native and foreign-born inhabitants, and the number of whites distributed according to nativity and parentage.

Table 1 CLASS OF POPULATION.	NUMBER.		INCREASE: <sup>1</sup> 1900-1910		PER CENT OF TOTAL POPULATION.	
	1910	1900	Number.	Per cent.	1910	1900
Total population ..	91,972,266	75,994,575	15,977,691	21.0	100.0	100.0
White.....	81,731,957	66,809,196	14,922,761	22.3	88.9	87.9
Negro.....	9,827,763	8,833,994	993,769	11.2	10.7	11.6
Other colored races.....	412,546	351,385	61,161	17.4	0.4	0.5
Indian.....	265,683	237,196	28,487	12.0	0.3	0.3
Chinese.....	71,531	89,863	-18,332	-20.4	0.1	0.1
Japanese.....	72,157	24,326	47,831	196.6	0.1	(*)
All other.....	3,175	.....	3,175	.....	(*)	.....
Total native.....	78,456,380	65,653,299	12,803,081	19.5	85.3	86.4
Total foreign born.....	13,515,886	10,341,276	3,174,610	30.7	14.7	13.6
Total white.....	81,731,957	66,809,196	14,922,761	22.3	88.9	87.9
Native.....	68,386,412	56,595,379	11,791,033	20.8	74.4	74.5
Native parentage.....	49,488,575	40,949,362	8,539,213	20.9	53.8	53.9
Foreign parentage.....	12,916,311	10,632,280	2,284,031	21.5	14.0	14.0
Mixed parentage.....	5,981,526	5,013,737	967,789	19.3	6.5	6.6
Foreign born.....	13,345,545	10,213,817	3,131,728	30.7	14.5	13.4

<sup>1</sup> A minus sign (—) denotes decrease. <sup>2</sup> Less than one-tenth of 1 per cent.

Of the population of the United States in 1910, 81,731,957, or 88.9 per cent, were whites; 9,827,763, or 10.7 per cent, were negroes; and 412,546, or four-tenths of 1 per cent, were other colored races.

Of the total population, 78,456,380, or 85.3 per cent, were native and 13,515,886, or 14.7 per cent, foreign born, the latter consisting chiefly of whites.

The native white population numbered 68,386,412, and constituted 83.7 per cent of the white population and 74.4 per cent of the total population of the country. The 13,345,545 foreign-born whites constituted 16.3 per cent of the white population and 14.5 per cent of the total population.

Native whites of native parentage in 1910 numbered 49,488,575, constituting 60.5 per cent of the white population and 53.8 per cent of the total population. Native whites of foreign parentage formed 15.8 per cent of the white population and those of mixed parentage 7.3 per cent, the corresponding percentages based on the total population being 14 and 6.5, respectively.

Of the total increase of 15,977,691 in the population of the country between 1900 and 1910, the whites contributed 14,922,761, the negroes 993,769, and other races 61,161. The increase in the native population was 12,803,081, and that in the foreign born, 3,174,610, or about one-fifth of the total increase.

The percentage of increase for the whites, 22.3, was a little less than twice as high as that for the negroes, 11.2. This difference is partly due, however, to the direct or indirect effect of immigration upon the increase of the white population. The native white



population increased 20.8 per cent and the foreign-born white 30.7 per cent. There was very little difference in the rates of increase for the three parentage groups of the native white population.

By reason of these differences in the rates of increase of the several classes of population there was some change between 1900 and 1910 in the relative importance of the different groups. Whites constituted 88.9 per cent of the total population in 1910, as compared with 87.9 per cent in 1900. Native whites, however, constituted a slightly smaller proportion of the total in the later year than in the earlier, while foreign-born whites formed 14.5 per cent of the total in 1910, as compared with 13.4 per cent 10 years before.

It should be borne in mind that the increase in the white groups, from one census to another, represents more than the natural growth by excess of births over deaths. The increase of negroes and Indians, since their number is only slightly affected by immigration or emigration, is essentially a natural increase. The increase in the several white groups, however, is materially affected, directly or indirectly, by immigration, which greatly exceeds emigration. The total number of whites is swelled directly by immigration; the number of native whites by the children born of immigrants after their arrival in this country; and the number of native whites of native parentage by the children of the native whites of foreign or mixed parentage. Additions to the number of native whites of foreign parentage, of course, consist wholly of the children of the foreign born, while the additions to the native whites of mixed parentage are the children of intermarriages between the foreign born and the native.

It is possible, however, to estimate approximately the natural increase of the white population by subtracting from the total white population enumerated in 1910 the number of foreign-born whites who had immigrated to the country after 1900. The remainder, when compared with the white population enumerated in 1900, may be accepted as indicating approximately the growth in the white population apart from immigration, or, in other words, the natural increase of the white population between 1900 and 1910. The number of foreign-born whites enumerated in 1910 who had arrived in this country subsequently to January 1, 1901, was almost exactly 5,000,000. Subtracting this from the total white population enumerated in 1910 the remainder is about 76,730,000, which, as compared with the white population in 1900, 66,809,196, represents a difference of about 9,920,000, or 14.8 per cent.

<sup>1</sup> To be strictly accurate one should subtract the number of children enumerated in 1910 who were born in this country of the immigrants who came in after 1900; this number, however, is unknown, and is at least partially offset by the number of surviving white persons (also unknown) enumerated in 1900 who emigrated from the United States before April 15, 1910, and the surviving children born of such emigrants. Moreover, one should deduct the survivors (number unknown) of the immigrants who arrived in this country between June 1, 1900, the date of the Twelfth Census, and January 1, 1901.

This may somewhat exceed the natural increase, however, because certain minor factors have not been taken into account in this computation;<sup>1</sup> it is probable that the true rate of natural increase for the aggregate white population was not far from 14 per cent, and that this percentage may be fairly compared with the rate of increase in the negro population, 11.2 per cent.

**White and negro population.**—The number of whites and negroes in the total population of the United States at each census from 1790 to 1910 is given in Table 2.

CENSUS YEAR.	NUMBER.				PER CENT OF TOTAL.		
	Total population.	White.	Negro.	Indian, Chinese, Japanese, and all other.	White.	Negro.	Ind., Chi., Jap., and all other.
1910.....	91,972,266	81,731,957	9,827,763	412,546	88.9	10.7	0.4
1900.....	75,994,575	66,809,196	8,833,994	351,385	87.9	11.6	0.5
1890.....	62,947,714	55,101,258	7,488,676	357,780	87.5	11.9	0.6
1880.....	50,155,783	43,402,970	6,580,793	172,020	86.5	13.1	0.3
1870 <sup>1</sup> .....	38,558,371	33,589,377	4,880,009	88,985	87.1	12.7	0.2
1870 <sup>2</sup> .....	39,818,449	34,337,292	5,392,172	88,985	86.2	13.5	0.3
1860.....	31,443,321	26,922,537	4,441,830	78,954	85.6	14.1	0.3
1850.....	23,191,876	19,553,068	3,638,808	.....	84.3	15.7	.....
1840.....	17,069,453	14,195,805	2,873,648	.....	83.2	16.8	.....
1830.....	12,866,020	10,537,378	2,328,642	.....	81.9	18.1	.....
1820.....	9,638,453	7,866,797	1,771,656	.....	81.6	18.4	.....
1810.....	7,239,881	5,862,073	1,377,808	.....	81.0	19.0	.....
1800.....	5,308,483	4,306,446	1,002,037	.....	81.1	18.9	.....
1790.....	3,929,214	3,172,006	757,208	.....	80.7	19.3	.....

<sup>1</sup> As enumerated.

<sup>2</sup> Estimated corrected figures. See explanation in text.

The census of 1860 was the first at which Indians were distinguished from the other classes. Not, however, until the census of 1890 was any enumeration made of the Indians on reservations or "living in tribal relations," so that statistics for the group in which they are included in the table are not comparable further back than 1890.

The distinction of white and colored is the only one which has been carried through all the 13 censuses. There is some doubt whether the small number of taxed Indians were counted with the white or with the colored prior to 1860.

The proportion of whites in the total population, which was approximately four-fifths in 1790, has increased at each succeeding census, except for an insignificant decrease in 1810 as compared with 1800. The apparently lower percentage in 1880, as compared with 1870, is undoubtedly erroneous, being due to the faulty census of 1870, which is known to have been generally deficient in the Southern states. The number of omissions in these states in 1870 is estimated to have been 747,915 whites and 512,163 negroes, aggregating 1,260,078. (See Reports of the Eleventh Census, Population, Part I, pp. xi, xii, and xvi.) Assuming these estimates to be correct, the white population in 1870 represented 86.2 per cent of the total and the negro 13.5.

During the first 40 years of the period covered by the table, the proportions of whites and negroes did not change materially, although the total population more than trebled. Thereafter the proportion of



whites increased more rapidly—from 81.9 per cent in 1830 to 88.9 per cent in 1910.

Table 3 gives the decennial increase, both absolute and relative, in the white and in the negro population for each decade from 1790 to 1910.

Table 3 DECADE.	INCREASE.			PER CENT OF INCREASE.		
	Total.	White.	Negro.	Total.	White.	Negro.
1900-1910.....	15,977,691	14,922,761	993,709	21.0	22.3	11.2
1890-1900.....	13,046,861	11,707,938	1,345,318	20.7	21.2	18.0
1880-1890.....	12,466,467	11,580,929	1,889,247	24.9	26.7	13.5
1870-1880.....	11,597,412	9,813,593	1,790,784	30.1	29.2	34.9
1870-1880 <sup>1</sup> .....	10,337,334	9,065,678	1,188,621	25.0	25.4	22.0
1860-1870 <sup>2</sup> .....	8,375,128	7,414,755	960,348	25.6	27.5	21.5
1860-1870.....	7,115,050	6,696,840	438,179	22.6	24.8	9.9
1850-1860.....	8,251,445	7,399,409	803,022	35.6	37.7	22.1
1840-1850.....	6,122,423	5,357,263	765,160	35.9	37.7	26.6
1830-1840.....	4,203,433	3,658,427	545,006	32.7	34.7	23.4
1820-1830.....	3,227,567	2,670,581	556,986	33.5	33.9	31.4
1810-1820.....	2,398,572	2,004,724	393,848	33.1	34.2	28.6
1800-1810.....	1,931,398	1,555,627	375,771	36.4	36.1	37.5
1790-1800.....	1,379,269	1,134,440	244,829	35.1	35.8	32.3

<sup>1</sup> Exclusive of 325,464 persons (among whom were 117,368 whites and 18,636 negroes) specially enumerated in 1890 in Indian Territory and on Indian reservations.

<sup>2</sup> Estimated corrected increase.

The addition to the total white population in the decade 1900-1910 was considerably greater than during any other decade and indeed exceeded the total white population of the country in 1840. The increase in the negro population, however, was less than that from 1890 to 1900 and was much less than that from 1870 to 1880 as based on the returns.

If, however, the irregularity in the increase for the decades 1860-1870 and 1870-1880, due to the defective enumeration of the population in 1870, be corrected to correspond with the estimated population of 1870, the increase of negroes from 1870 to 1880 becomes less marked, although still greater than that from 1900 to 1910.

Assuming the estimates for 1870 to be approximately correct, each decade since 1790 has shown for the white population an absolute gain larger than that for the decade immediately preceding, and the percentage of increase for the white population has exceeded that for the negro population in every decade since 1790 except 1800-1810. In the 50 years 1860-1910 the white population increased 203.6 per cent and the negro population 121.3 per cent.

A comparison of the decennial rates of increase in the white population from 1790 to 1910 reveals three clearly defined periods. From 1790 to 1860 the rate was high and remarkably uniform, varying little from 35 per cent. Then it fell off abruptly and for three decades, from 1860 to 1890 (accepting the estimated figures for 1870), was close to 27 per cent. The third period dates from 1890, the percentage of increase being 21.2 from 1890 to 1900 and 22.3 from 1900 to 1910. With respect to the rate of increase of the negroes, three similar periods also appear, the second, however, beginning in 1830 and the third in 1880. According to the returns the rate from 1880 to 1890 was very much lower than even the estimated rate from 1870 to 1880, and

the rate from 1890 to 1900 was much higher than during either the preceding or the succeeding decade. Such abrupt changes in the growth of a class of the population which is not affected by immigration seem very improbable and almost force the conclusion that the enumeration of negroes in 1890 was deficient.

**Indian, Chinese, and Japanese population.**—In Table 4 are shown the numbers of Indians, Chinese, and Japanese at each census from 1860 to 1910.

Table 4 CENSUS YEAR.	Indian.	Chinese.	Japanese.
1910.....	265,683	71,531	72,157
1900.....	237,196	89,863	24,326
1890.....	248,253	107,488	2,039
1880.....	66,407	105,465	148
1870.....	25,731	63,199	55
1860.....	44,021	34,933	.....

Indians in Indian Territory and on Indian reservations are not included in the totals for 1860, 1870, and 1880, but are included in the totals for 1890, 1900, and 1910. Since 1890 the Indian population has increased slightly, although a slight decrease is indicated for the decade 1890-1900; the Chinese population decreased, while the Japanese increased rapidly during each of the two decades and in 1910 slightly outnumbered the Chinese. There were also enumerated in 1910 other nonwhite races, consisting, for the greater part, of Hindus and Koreans, to the number of 3,175.

**Black and mulatto population.**—Table 5 gives a classification of the negro population as black or mulatto for the several censuses at which this distinction has been made.

Table 5 CENSUS YEAR. <sup>1</sup>	NEGRO POPULATION.			PER CENT OF TOTAL.	
	Total.	Black.	Mulatto.	Black.	Mu'atto.
1910.....	9,827,763	7,777,077	2,050,686	79.1	20.9
1890.....	7,488,076	6,337,980	1,132,000	84.8	15.2
1870.....	4,830,009	4,205,960	584,049	88.0	12.0
1860.....	4,441,830	3,835,467	588,363	86.8	13.2
1850.....	3,038,808	3,233,057	405,751	88.8	11.2

<sup>1</sup> No data for 1880 or 1900.

<sup>2</sup> Includes 18,636 negroes enumerated in Indian Territory, not distinguished as black or mulatto.

No data are available for 1880 or 1900. Of the 9,827,763 negroes enumerated in 1910, 7,777,077 were returned as black and 2,050,686 as mulatto. In 1850 the percentage of mulattoes was 11.2. It had advanced but little in 1870, being only 12 per cent, but since 1870 the proportion of mulattoes in the total negro population appears to have increased very materially, reaching 15.2 per cent in 1890 and 20.9 per cent in 1910. Considerable uncertainty necessarily attaches to this classification, however, since the accuracy of the distinction made depends largely upon the judgment and care of the enumerators. Moreover, the fact that the definition of the term "mulatto" adopted at different censuses has not been entirely uniform may affect the comparability of the figures in some degree. In 1870, as in 1910, however, the term was applied to all



persons having any perceptible trace of negro blood, excepting, of course, negroes of pure blood.

**Native and foreign-born population.**—The aggregate population at each census from 1850 to 1910 is classified as native or foreign born in Table 6.

CENSUS YEAR.	POPULATION.			PER CENT OF TOTAL.	
	Total.	Native.	Foreign born.	Native.	Foreign born.
1910.....	91,972,266	78,456,380	13,515,886	85.3	14.7
1900.....	75,994,575	63,633,290	10,341,276	86.4	13.6
1890.....	62,947,714	53,698,154	9,249,560	85.3	14.7
1880.....	50,155,783	43,475,840	6,679,943	86.7	13.3
1870.....	38,558,371	32,991,142	5,567,229	85.6	14.4
1860.....	31,443,321	27,304,624	4,138,697	86.8	13.2
1850.....	23,191,876	20,947,274	2,244,602	90.3	9.7

The proportions of the native and foreign born have not changed greatly since 1860. The deficiency in the census of 1870 affected the native population much more than the foreign born, so that the proportions for that year are slightly misleading. It is certain, however, that for the native population the rate of increase has fallen off in each of the last three decades. For the foreign born the rate has fluctuated more or less directly with the volume of immigration. The decennial increases from 1850 to 1910 are shown in Table 7.

DECADE.	INCREASE.			PER CENT OF INCREASE.		
	Total.	Native.	Foreign born.	Total.	Native.	Foreign born.
1900-1910.....	15,977,691	12,803,081	3,174,610	21.0	19.5	30.7
1890-1900.....	13,046,861	11,955,145	1,091,716	20.7	22.3	11.8
1880-1890.....	12,466,467	11,896,863	569,604	24.9	22.8	38.5
1870-1880.....	11,597,412	10,484,698	1,112,714	30.1	31.8	20.0
1860-1870.....	7,115,050	6,686,518	1,428,532	22.6	20.8	34.5
1850-1860.....	8,251,445	6,357,350	1,894,095	35.6	30.3	84.4

<sup>1</sup> Exclusive of population specially enumerated in 1890.

Table 9

Table 9	CENSUS YEAR OR DECADE.	Total white.	NATIVE WHITE.				Foreign-born white.	
			Total.	Native parentage.	Foreign or mixed parentage.			
					Total.	Foreign.		Mixed.
1910.....	81,731,957	68,386,412	49,488,575	18,897,837	12,916,311	5,981,526	13,345,545	
1900.....	66,809,196	56,595,379	40,949,362	15,646,017	10,632,280	5,013,737	10,213,817	
1890.....	55,101,258	45,979,391	34,475,716	11,503,675	8,085,019	3,418,656	9,121,867	
1880.....	43,402,970	36,843,291	28,568,424	8,274,867	6,363,769	1,911,098	6,559,679	
1870.....	33,589,377	28,065,665	22,771,397	5,324,268	4,167,098	1,157,170	5,493,712	
1860.....	26,922,537	22,825,784	19,533,068	3,288,716	2,718,686	569,030	4,096,733	
1850.....	19,533,068	17,312,533	15,513,251	1,800,282	1,799,031	1,253,251	2,240,535	
Increase:								
1900-1910.....	14,922,761	11,791,033	8,539,213	3,251,820	2,284,031	967,789	3,131,728	
1890-1900.....	11,707,938	10,615,988	6,473,646	4,142,342	2,547,261	1,595,081	1,091,950	
1880-1890.....	11,580,920	9,018,732	5,789,924	3,228,808	1,721,250	1,507,558	2,562,188	
1870-1880.....	9,813,593	8,747,626	5,797,027	2,950,599	2,196,671	753,928	1,065,967	
1860-1870.....	6,666,840	5,269,881	4,167,098	1,102,783	867,687	235,096	1,396,959	
1850-1860.....	7,369,469	5,513,251	4,167,098	1,346,153	1,157,170	188,983	1,856,218	
Per cent of increase:								
1900-1910.....	22.3	20.8	20.9	20.8	21.5	19.3	30.7	
1890-1900.....	21.2	23.1	18.8	36.0	31.5	46.7	12.0	
1880-1890.....	26.7	24.5	20.3	39.0	27.0	78.9	39.1	
1870-1880.....	29.2	31.1	25.5	55.4	52.7	65.2	19.4	
1860-1870.....	24.8	23.1	23.1	23.1	23.1	23.1	34.1	
1850-1860.....	37.7	31.8	31.8	31.8	31.8	31.8	82.8	

<sup>1</sup> Partly estimated.

<sup>2</sup> Exclusive of white population specially enumerated in 1890.

The native white population increased 20.8 per cent in the decade 1900-1910; in the preceding decade, 1890-1900, the increase was 23.1 per cent.

Table 8 shows, for 1910, the number of each color or race who were native and foreign born, respectively, with the percentage which persons of each color or race formed of the total foreign born.

Table 8

COLOR OR RACE.	POPULATION.				
	Total.	Native.	Foreign born.		
			Number.	Per cent of total.	Per cent of total foreign born.
<b>Total population.</b>	<b>91,972,266</b>	<b>78,456,380</b>	<b>13,515,886</b>	<b>14.7</b>	<b>100.0</b>
White.....	81,731,957	68,386,412	13,345,545	16.3	98.7
Negro.....	9,827,703	9,787,424	40,339	0.4	0.3
Indian.....	265,683	262,930	2,753	1.0	( <sup>1</sup> )
Chinese.....	71,531	14,935	56,596	79.1	0.4
Japanese.....	72,157	4,502	67,655	93.8	0.5
All other.....	3,175	177	2,998	94.4	( <sup>1</sup> )

<sup>1</sup> Less than one-tenth of 1 per cent.

The distinction of native or foreign birth is significant for the white population only. The proportion of foreign born among the negroes and Indians is quite unimportant; and while more than three-fourths of the members of the other nonwhite races enumerated are of foreign birth, the distinction has little significance. In the subsequent consideration of the population of the United States the distinction between native and foreign born is generally noted only in the case of the white population.

**White population by nativity and parentage.**—Table 9 classifies the total white population at each census from 1850 to 1910 as native or foreign born, and the native white population at each census from 1870 to 1910 by parentage. Statistics as to parentage are not available for any census prior to that of 1870. The decennial increases are also given in the table for all decades for which figures are available.

For the native whites of native parentage, however, the rate of increase was higher from 1900 to 1910 than in the preceding decade, being 20.9 per cent as



compared with 18.8. For the native whites of foreign parentage, on the other hand, the rate from 1900 to 1910 was lower, and there was a decline even more marked in the percentage of increase for the native whites of mixed parentage—from 46.7 per cent in the earlier decade to 19.3 in the later. It should be remembered, however, that these percentages do not represent the rates of "natural" increase for the several classes compared, for the reason, already noted, that the births among the native population of foreign parentage are contributions to the growth of the native population of native parentage, and the native whites of foreign parentage are similarly dependent for their increase upon the birth rate among the foreign-born whites. These variations in the rates of increase are affected by preceding variations in the number of immigrants and in their age distribution, sex distribution, and other characteristics, but the effects are very difficult to trace.

A further presentation for each of the nativity and parentage classes of the white population is given in Table 10, which shows the proportion which they formed of the white population and of the total population of the country, respectively, at each census from 1850 to 1910.

Table 10		NATIVE WHITE.						Foreign-born white.
CENSUS YEAR.	Total white.	Total.	Native parentage.	Foreign or mixed parentage.				
				Total.	Foreign.	Mixed.		
PER CENT OF TOTAL WHITE POPULATION.								
1910.....	100.0	83.7	60.5	23.1	15.8	7.3	16.3	
1900.....	100.0	84.7	61.3	23.4	15.9	7.5	15.3	
1890.....	100.0	83.4	62.6	20.9	14.7	6.2	16.6	
1880.....	100.0	84.9	65.8	19.1	14.7	4.4	15.1	
1870.....	100.0	83.6	67.8	15.9	12.4	3.4	16.4	
1860.....	100.0	84.8	.....	.....	.....	.....	15.2	
1850.....	100.0	88.5	.....	.....	.....	.....	11.5	
PER CENT OF TOTAL POPULATION.								
1910.....	88.9	74.4	53.8	20.5	14.0	6.5	14.5	
1900.....	87.9	74.5	53.9	20.6	14.0	6.6	13.4	
1890.....	87.5	73.0	54.8	18.3	12.8	5.4	14.5	
1880.....	86.5	73.5	57.0	16.5	12.7	3.8	13.1	
1870.....	87.1	72.9	59.1	13.8	10.8	3.0	14.2	
1860.....	85.6	72.6	.....	.....	.....	.....	13.0	
1850.....	84.3	74.6	.....	.....	.....	.....	9.7	

Of the total white population in 1910, approximately five-sixths (83.7 per cent) were native and about one-sixth (16.3 per cent) foreign born. The proportion of foreign born in the white population increased from 11.5 per cent in 1850 to 15.2 per cent in 1860, and to 16.4 per cent in 1870 (doubtless slightly exaggerated by the deficiency in enumeration in the South, where most of the population is native). Since 1870 it has slightly decreased and slightly increased in alternate decades.

The proportion of persons of native parentage among the whites has decreased during each of the four decades covered by the figures, falling off from 67.8 per cent of the total in 1870 to 60.5 per cent in 1910.

Those of foreign and of mixed parentage, taken together, constituted a larger proportion of the white population at each succeeding census from 1870 to 1900, but the proportion in 1910 (23.1 per cent) was a trifle lower than in 1900.

#### DIVISIONS AND STATES.

Population by color or race, nativity, and parentage.—The population of the divisions and states in 1910 and 1900 is classified in Table 12 by color or race, and in Table 13 by nativity and parentage.

The general geographic distribution of the principal race, nativity, and parentage classes of the population in 1910 is indicated in Table 11.

Table 11	PER CENT DISTRIBUTION BY GEOGRAPHIC DIVISIONS: 1910						
SECTION AND DIVISION.	Total population.	White.				Negro.	Ind., Chi., Jap., and all other.
		Total.	Native.		Foreign born.		
			Native parentage.	Foreign or mixed parentage.			
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
The North.....	60.6	66.9	55.3	84.5	84.8	10.5	21.6
New England.....	7.1	7.9	5.3	10.9	13.6	0.7	1.4
Middle Atlantic.....	21.0	23.1	17.1	29.6	36.2	4.3	4.3
East North Central.....	19.8	21.9	19.7	27.0	23.0	3.1	5.4
West North Central.....	12.7	13.9	13.2	17.0	12.1	2.5	10.6
The South.....	32.0	25.1	37.5	6.7	5.4	89.0	22.4
South Atlantic.....	13.3	9.9	14.8	2.3	2.2	41.8	2.6
East South Central.....	9.1	7.0	11.0	1.1	0.7	27.0	0.7
West South Central.....	9.6	8.2	11.7	3.2	2.6	20.2	19.1
The West.....	7.4	8.0	7.2	8.8	9.7	0.5	56.0
Mountain.....	2.9	3.1	3.0	3.3	3.3	0.2	22.2
Pacific.....	4.6	4.9	4.3	5.6	6.5	0.3	33.8

Of the total white population in 1910, about two-thirds (54,640,209, or 66.9 per cent) were in the four northern divisions, and of the negro population, approximately nine-tenths (8,749,427, or 89 per cent) were in the three southern divisions. The Chinese and the Japanese were mainly in the states of the Pacific coast and Rocky Mountains; and the Indians mainly on scattered reservations, and in states lying west of the Mississippi, more than one-fourth (74,825, or 28.2 per cent) being in Oklahoma.

Of the 13,345,545 foreign-born whites in 1910, approximately five-sixths (11,321,016, or 84.8 per cent) were in the four northern divisions; and practically the same proportion (15,967,158, or 84.5 per cent) of the 18,897,837 native whites of foreign or mixed parentage were in these same divisions. Of the total foreign-born white population, 36.2 per cent were in the Middle Atlantic division, a percentage which considerably exceeds the corresponding figure for 1900 (32.3 per cent). The native whites of native parentage were widely distributed, 27,352,035, or 55.3 per cent, of this class in 1910 being in the four northern divisions, 18,561,146, or 37.5 per cent, in the three southern divisions, and 3,575,394, or 7.2 per cent, in the two western divisions.



## ABSTRACT OF THE CENSUS—POPULATION.

COLOR OR RACE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 12

POPULATION BY COLOR OR RACE.

DIVISION AND STATE.	Total.		White.		Negro.		Indian.		Chinese.		Japanese.		All other: 1910
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	
<b>United States.....</b>	<b>91,972,266</b>	<b>75,994,575</b>	<b>81,731,857</b>	<b>66,809,196</b>	<b>9,827,763</b>	<b>8,833,994</b>	<b>265,683</b>	<b>237,196</b>	<b>71,531</b>	<b>89,863</b>	<b>72,157</b>	<b>24,326</b>	<b>3,175</b>
<b>GEOGRAPHIC DIVISIONS:</b>													
New England.....	6,532,681	5,592,017	6,480,514	5,527,026	66,306	59,099	2,076	1,600	3,499	4,203	273	89	14
Middle Atlantic.....	19,315,892	15,454,678	18,880,432	15,110,862	417,870	325,921	7,717	6,959	8,189	10,490	1,643	446	21
East North Central.....	18,250,621	15,985,581	17,927,622	15,710,053	300,836	257,842	18,255	15,027	3,415	2,533	482	126	11
West North Central.....	11,637,921	10,347,423	11,351,621	10,065,817	242,662	237,909	41,406	42,339	1,195	1,135	1,000	223	37
South Atlantic.....	12,194,895	10,443,480	8,071,603	6,706,058	4,112,488	3,729,017	9,054	6,585	1,582	1,791	156	29	12
East South Central.....	8,409,901	7,547,757	5,754,320	5,044,847	2,652,513	2,499,886	2,612	2,590	414	427	26	7	10
West South Central.....	8,784,534	6,532,290	6,721,491	4,771,065	1,984,426	1,694,066	76,767	65,574	1,303	1,555	428	30	119
Mountain.....	2,633,517	1,674,657	2,520,455	1,579,855	21,467	15,590	75,338	66,155	5,614	7,950	10,447	5,107	196
Pacific.....	4,192,304	2,416,692	4,023,873	2,293,613	29,195	14,664	32,458	30,367	46,320	59,779	57,703	18,269	2,755
<b>NEW ENGLAND:</b>													
Maine.....	742,371	694,466	739,995	692,226	1,363	1,319	892	798	108	119	13	4	.....
New Hampshire.....	430,572	411,588	429,906	410,791	564	662	34	22	67	112	1	1	.....
Vermont.....	355,956	343,641	354,298	342,771	1,621	826	26	5	8	39	3	.....	.....
Massachusetts.....	3,366,416	2,805,346	3,324,926	2,769,764	38,055	31,974	688	587	2,582	2,968	151	53	14
Rhode Island.....	542,610	428,556	532,492	419,050	9,529	9,092	284	35	272	366	33	13	.....
Connecticut.....	1,114,756	908,420	1,098,897	892,424	15,174	15,226	152	153	462	599	71	18	.....
<b>MIDDLE ATLANTIC:</b>													
New York.....	9,113,614	7,268,894	8,966,845	7,156,881	134,191	99,232	6,046	5,257	5,266	7,170	1,247	354	19
New Jersey.....	2,537,167	1,883,669	2,445,894	1,812,317	89,760	69,844	168	63	1,139	1,393	206	52	.....
Pennsylvania.....	7,665,111	6,302,115	7,467,713	6,141,664	193,919	156,845	1,503	1,639	1,784	1,927	190	40	2
<b>EAST NORTH CENTRAL:</b>													
Ohio.....	4,767,121	4,157,545	4,654,897	4,060,204	111,452	96,901	127	42	569	371	76	27	.....
Indiana.....	2,700,876	2,516,462	2,639,961	2,458,502	60,340	57,545	279	243	276	207	38	5	2
Illinois.....	5,638,591	4,821,550	5,526,962	4,734,873	109,049	85,078	188	16	2,103	1,503	285	80	4
Michigan.....	2,810,173	2,420,982	2,785,247	2,368,563	17,115	15,816	7,519	6,354	241	240	49	9	2
Wisconsin.....	2,333,860	2,069,042	2,320,555	2,057,911	2,900	2,542	10,142	8,372	226	212	34	5	3
<b>WEST NORTH CENTRAL:</b>													
Minnesota.....	2,075,708	1,751,394	2,059,227	1,737,036	7,084	4,959	9,053	9,182	275	166	67	51	2
Iowa.....	2,224,771	2,231,853	2,209,191	2,218,667	14,973	12,693	471	382	97	104	36	7	3
Missouri.....	3,293,335	3,106,665	3,134,932	2,944,843	157,452	161,234	313	130	535	449	99	9	4
North Dakota.....	577,056	319,146	569,855	311,712	617	286	6,486	6,968	39	32	59	148	.....
South Dakota.....	583,888	401,570	563,771	389,714	817	465	19,137	20,225	121	165	42	1	.....
Nebraska.....	1,192,214	1,066,300	1,180,293	1,056,526	7,689	6,269	3,502	3,322	112	180	590	3	28
Kansas.....	1,690,949	1,470,495	1,634,352	1,416,319	54,030	52,003	2,444	2,130	16	39	107	4	.....
<b>SOUTH ATLANTIC:</b>													
Delaware.....	202,322	184,735	171,102	153,977	31,181	30,697	5	9	30	51	4	1	.....
Maryland.....	1,295,346	1,188,044	1,062,639	932,424	232,250	235,064	55	3	378	544	24	9	.....
District of Columbia.....	331,069	278,718	236,128	191,532	94,446	86,702	68	22	369	455	47	7	11
Virginia.....	2,061,612	1,854,184	1,389,809	1,192,855	671,396	660,722	539	354	154	243	14	10	.....
West Virginia.....	1,221,119	958,800	1,156,817	915,233	64,173	43,499	36	12	90	56	3	.....	.....
North Carolina.....	2,206,287	1,893,810	1,500,511	1,263,603	697,843	624,469	7,851	5,687	80	51	2	.....	.....
South Carolina.....	1,515,400	1,340,316	679,161	557,807	835,843	782,321	331	121	57	67	8	.....	.....
Georgia.....	2,609,121	2,216,331	1,431,802	1,181,294	1,176,987	1,034,813	95	19	233	204	4	1	.....
Florida.....	752,619	528,542	443,634	297,333	308,669	230,730	74	358	191	120	50	1	1
<b>EAST SOUTH CENTRAL:</b>													
Kentucky.....	2,289,905	2,147,174	2,027,951	1,892,309	261,656	284,706	234	102	52	57	12	.....	.....
Tennessee.....	2,184,789	2,020,616	1,711,432	1,540,186	473,088	480,243	216	108	43	75	8	4	2
Alabama.....	2,138,063	1,828,697	1,228,832	1,001,152	908,282	827,307	909	177	62	58	4	3	4
Mississippi.....	1,797,114	1,551,270	786,111	641,200	1,009,487	907,630	1,253	2,203	257	237	2	.....	4
<b>WEST SOUTH CENTRAL:</b>													
Arkansas.....	1,574,449	1,311,564	1,131,026	944,580	442,891	366,856	460	66	62	62	9	.....	1
Louisiana.....	1,656,388	1,381,625	941,086	729,612	713,874	650,804	780	593	507	599	31	17	110
Oklahoma <sup>1</sup> .....	1,657,155	790,391	1,444,531	670,204	137,612	55,684	74,825	64,445	139	58	48	.....	.....
Texas.....	3,896,542	3,048,710	3,204,848	2,426,669	690,049	620,722	702	470	595	836	340	13	8
<b>MOUNTAIN:</b>													
Montana.....	376,053	243,329	360,580	226,283	1,834	1,523	10,745	11,343	1,285	1,739	1,585	2,441	24
Idaho.....	325,594	161,772	319,221	154,495	661	293	3,488	4,226	859	1,467	1,363	1,291	12
Wyoming.....	145,965	92,531	140,318	89,051	2,235	940	1,486	1,686	246	461	1,596	393	84
Colorado.....	799,024	539,700	783,415	529,946	11,453	8,570	1,482	1,437	373	599	2,300	48	1
New Mexico.....	227,301	195,310	304,594	180,207	1,628	1,610	20,573	13,144	248	341	258	8	.....
Arizona.....	204,354	122,931	171,468	92,903	2,009	1,848	29,201	26,480	1,305	1,419	371	281	.....
Utah.....	373,351	276,749	366,583	272,465	1,144	672	3,123	2,623	371	572	2,110	417	20
Nevada.....	81,875	42,335	74,276	35,405	513	134	5,240	5,216	927	1,352	864	228	55
<b>PACIFIC:</b>													
Washington.....	1,141,990	518,103	1,109,111	496,304	6,058	2,514	10,997	10,039	2,709	3,629	12,929	5,617	186
Oregon.....	672,765	413,536	655,090	394,382	1,492	1,105	5,090	4,951	7,363	10,397	3,418	2,501	312
California.....	2,377,549	1,485,053	2,259,672	1,402,727	21,645	11,045	16,371	15,377	36,248	45,758	41,356	10,151	2,257

<sup>1</sup> Includes population of Indian Territory for 1900.



# COLOR OR RACE, NATIVITY, AND PARENTAGE.

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## NATIVITY AND PARENTAGE, BY DIVISIONS AND STATES: 1910 AND 1900.

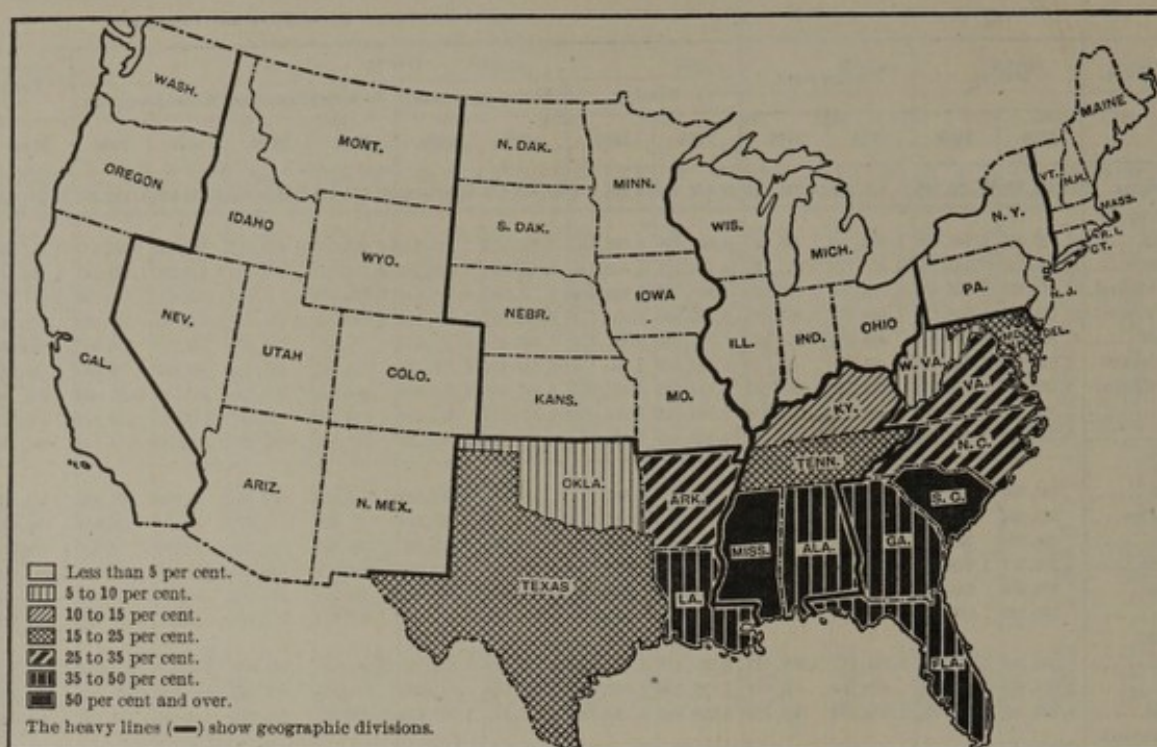
Table 13

DIVISION AND STATE.	TOTAL POPULATION BY NATIVITY.				WHITE POPULATION BY NATIVITY AND PARENTAGE.									
	Native.		Foreign born.		Native.									
	1910	1900	1910	1900	Total.		Native parentage.		Foreign parentage.		Mixed parentage.		Foreign born.	
					1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States.....	78,456,380	65,653,299	13,515,886	10,341,276	68,386,412	56,595,379	49,488,575	40,949,342	12,916,311	10,632,280	5,981,526	5,013,737	13,345,545	10,213,817
GEOGRAPHIC DIVISIONS:														
New England.....	4,727,571	4,146,780	1,825,110	1,445,237	4,666,128	4,090,154	2,613,419	2,511,110	1,460,565	1,117,093	592,144	461,951	1,814,386	1,436,872
Middle Atlantic.....	14,464,719	12,137,119	4,851,173	3,317,559	14,054,273	11,808,746	8,462,961	7,406,579	4,113,076	3,143,021	1,478,236	1,259,146	4,826,179	3,302,116
East North Central.....	15,176,855	13,360,355	3,073,766	2,625,226	14,860,402	13,089,756	9,751,968	8,488,016	3,450,015	3,110,784	1,658,419	1,490,956	3,067,220	2,620,297
West North Central.....	10,021,226	8,814,175	1,616,695	1,533,248	9,738,390	8,534,712	6,523,687	5,660,903	2,102,703	1,933,117	1,112,000	940,692	1,613,231	1,531,105
South Atlantic.....	11,894,901	10,227,450	299,994	216,030	7,781,048	6,497,175	7,341,205	6,107,314	274,451	233,871	165,392	155,990	290,555	208,883
East South Central.....	8,322,076	7,457,189	87,825	90,568	5,667,469	4,955,165	5,452,492	4,725,774	123,915	131,048	91,062	98,343	86,857	89,682
West South Central.....	8,432,342	6,265,203	352,192	267,087	6,372,732	4,507,055	5,767,449	4,028,944	364,032	285,781	241,251	192,330	348,759	264,010
Mountain.....	2,180,195	1,372,688	453,322	301,969	2,083,545	1,291,494	1,466,024	855,101	370,009	266,255	246,912	170,138	436,910	288,361
Pacific.....	3,236,495	1,872,340	955,809	544,352	3,162,425	1,821,122	2,108,770	1,165,621	657,545	411,310	396,110	244,191	861,448	472,491
NEW ENGLAND:														
Maine.....	631,809	601,136	110,562	93,330	629,862	599,291	494,907	493,082	73,455	58,306	61,500	47,903	110,133	92,935
New Hampshire.....	333,905	323,481	96,667	88,107	333,348	322,830	230,231	242,614	67,601	53,282	35,516	26,934	96,558	87,961
Vermont.....	306,035	298,984	49,921	44,747	304,437	298,077	229,382	225,381	39,597	38,239	35,548	34,457	49,861	44,094
Massachusetts.....	2,307,171	1,959,022	1,059,245	846,324	2,273,876	1,929,650	1,103,429	1,032,264	846,820	650,694	323,627	246,692	1,051,050	840,114
Rhode Island.....	363,469	294,037	179,141	134,519	354,467	285,278	159,821	144,986	144,270	104,087	50,376	36,205	178,025	133,772
Connecticut.....	785,182	670,210	329,574	238,210	770,138	655,028	395,649	372,783	288,912	212,485	85,577	69,760	328,759	237,396
MIDDLE ATLANTIC:														
New York.....	6,365,603	5,368,469	2,748,011	1,900,425	6,237,573	5,267,358	3,230,325	2,851,513	2,241,837	1,761,868	765,411	653,977	2,729,272	1,889,523
New Jersey.....	1,876,379	1,451,785	660,788	431,884	1,787,706	1,382,267	1,009,909	825,973	576,011	402,893	201,780	153,401	658,188	430,060
Pennsylvania.....	6,222,737	5,316,865	1,442,374	985,250	6,028,994	5,159,121	4,222,727	3,729,093	1,295,228	978,260	511,039	451,768	1,438,719	982,543
EAST NORTH CENTRAL:														
Ohio.....	4,168,747	3,698,811	598,374	458,734	4,057,632	3,602,304	3,033,259	2,651,440	671,275	612,518	353,118	338,346	597,245	457,900
Indiana.....	2,541,213	2,374,341	159,663	142,121	2,480,639	2,316,641	2,130,088	1,932,194	211,008	215,785	139,543	148,602	159,322	141,861
Illinois.....	4,433,277	3,854,803	1,205,314	966,747	4,324,402	3,770,238	2,600,555	2,271,765	1,232,155	1,070,211	491,692	428,262	1,202,560	964,635
Michigan.....	2,212,623	1,879,329	597,550	541,653	2,180,723	1,858,367	1,224,841	1,026,714	611,319	533,547	353,563	298,106	595,524	540,196
Wisconsin.....	1,820,995	1,553,071	512,865	515,971	1,807,986	1,542,206	763,225	585,903	724,258	678,723	320,503	277,580	512,569	515,705
WEST NORTH CENTRAL:														
Minnesota.....	1,532,113	1,246,076	543,595	505,318	1,516,217	1,232,101	575,081	425,780	667,460	597,806	273,676	208,521	543,010	504,935
Iowa.....	1,951,006	1,925,933	273,765	305,920	1,935,707	1,912,885	1,303,526	1,261,068	395,541	419,123	236,640	232,694	273,484	305,782
Missouri.....	3,063,556	2,890,286	229,779	216,379	2,906,036	2,729,068	2,387,835	2,204,874	312,027	319,110	206,174	205,084	228,896	215,775
North Dakota.....	420,402	206,055	156,654	113,091	413,697	199,122	162,461	65,811	180,034	102,680	71,182	30,631	156,158	112,590
South Dakota.....	483,098	313,062	100,790	88,508	463,143	292,385	245,052	136,191	143,045	110,915	74,446	45,279	100,628	88,329
Nebraska.....	1,015,552	888,953	176,662	177,347	1,004,428	879,409	642,075	553,524	234,670	221,983	127,683	103,902	175,865	177,117
Kansas.....	1,555,499	1,343,810	135,450	126,685	1,499,162	1,289,742	1,207,057	1,013,655	169,906	161,506	122,199	114,581	135,190	126,577
SOUTH ATLANTIC:														
Delaware.....	184,830	170,925	17,492	13,810	153,682	140,248	127,809	118,029	17,566	14,767	8,307	7,452	17,420	13,729
Maryland.....	1,190,402	1,094,110	104,944	93,934	958,465	859,280	766,627	680,049	130,321	119,188	61,517	60,043	104,174	93,144
District of Columbia.....	306,167	258,599	24,902	20,119	211,777	172,012	166,711	134,073	26,522	22,449	18,544	15,490	24,351	19,530
Virginia.....	2,034,555	1,834,723	27,057	19,461	1,363,181	1,173,787	1,325,238	1,141,213	21,613	17,099	16,330	15,475	26,628	19,068
West Virginia.....	1,163,901	936,349	57,218	22,451	1,099,745	892,854	1,042,107	843,981	35,407	26,838	22,231	22,035	57,072	22,379
North Carolina.....	2,200,195	1,889,318	6,092	4,492	1,494,599	1,259,209	1,485,718	1,250,811	3,886	3,321	4,965	5,077	5,942	4,394
South Carolina.....	1,509,221	1,334,788	6,179	5,528	673,107	552,436	661,970	540,766	5,759	5,936	5,378	5,734	6,054	5,371
Georgia.....	2,593,644	2,203,928	15,477	12,403	1,416,730	1,169,273	1,391,058	1,144,360	13,232	12,006	12,440	12,907	15,072	12,021
Florida.....	711,986	504,710	40,633	23,832	409,792	278,076	373,967	254,032	20,145	12,267	15,680	11,777	33,842	19,257
EAST SOUTH CENTRAL:														
Kentucky.....	2,249,743	2,096,925	40,162	50,249	1,987,898	1,812,176	1,863,194	1,673,413	76,523	86,236	48,181	52,527	40,053	50,133
Tennessee.....	2,106,182	2,002,870	18,607	17,746	1,692,973	1,522,600	1,654,606	1,481,636	20,572	21,281	17,795	19,683	18,459	17,586
Alabama.....	2,118,807	1,814,105	19,286	14,592	1,209,876	986,814	1,177,459	956,658	17,667	15,186	14,750	14,970	18,956	14,338
Mississippi.....	1,787,344	1,543,289	9,770	7,981	776,722	633,575	757,233	614,067	9,153	8,345	10,336	11,163	9,389	7,625
WEST SOUTH CENTRAL:														
Arkansas.....	1,557,403	1,297,275	17,046	14,289	1,114,117	930,394	1,077,509	897,668	18,387	15,199	18,221	17,527	16,909	14,186
Louisiana.....	1,603,622	1,328,722	52,766	52,903	889,304	677,759	776,587	569,962	68,389	63,317	44,328	44,480	51,782	51,853
Oklahoma.....	1,616,713	769,853	40,442	20,538	1,404,447	649,814	1,310,403	601,552	49,877	24,683	44,167	23,579	40,084	20,390
Texas.....	3,654,604	2,869,353	241,938	179,357	2,964,864	2,249,088	2,602,950	1,959,762	227,379	182,582	134,535	106,744	239,984	177,581
MOUNTAIN:														
Montana.....	281,340	176,262	94,713	67,067	268,936	163,910	162,127	92,937	68,606	46,246	38,203	24,727	91,644	62,373
Idaho.....	283,016	137,168	42,578	24,604	278,794	132,605	203,599	89,851	40,075	23,373	35,120	19,381	40,427	21,890
Wyoming.....	116,945	75,116	29,020	17,415	113,209	72,469	80,696	47,982	19,751	15,450	12,753	9,037	27,118	16,582
Colorado.....	660,437	448,545	129,587	91,155	656,564	438,571	475,136	311,335	114,747	79,692	66,681	47,544	126,851	90,475
New Mexico.....	304,155	181,685	23,146	13,625	281,940	166,946	255,009	149,029	14,410	9,677	11,921	8,240	22,654	13,261
Arizona.....	155,589	98,698	48,765	24,233	124,644	70,508	82,468	44,830	26,117	15,466	16,059	10,212	46,824	22,395
Utah.....	307,529	222,972	65,822	53,777	303,190	219,661	171,063	104,026	73,983	69,204	57,544	46,431	63,393	52,804
Nevada.....	62,184	32,242	19,691	10,793	56,277	26,824	35,326	15,111	12,320	7,147	8,631	4,566	17,999	8,581
PACIFIC:														
Washington.....	885,749	406,739	256,241	111,364	867,914	394,179	585,386	265,068	174,845	79,422	107,683	49,689	244,197	102,125
Oregon.....	559,629	347,788	113,136	65,748	552,089	340,721	416,851	256,125	79,336	49,058	55,902	35,538	104,001	53,861
California.....	1,791,117	1,117,813	586,432	367,240										

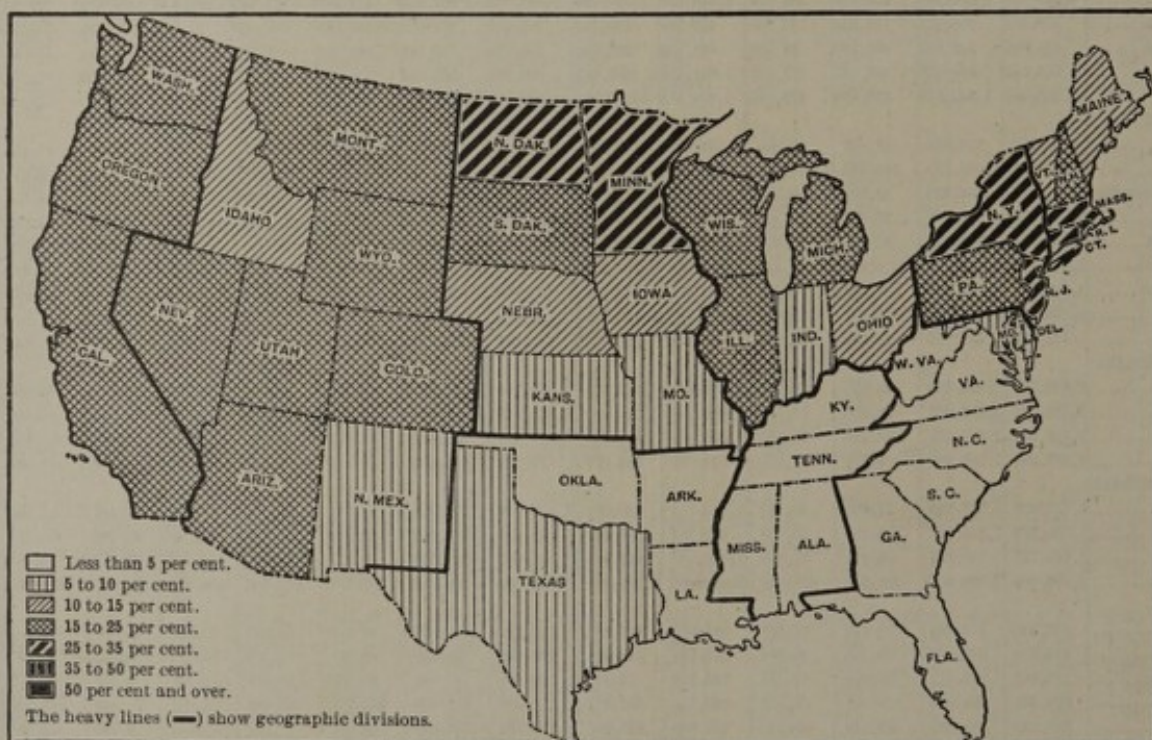


## ABSTRACT OF THE CENSUS—POPULATION.

PERCENTAGE OF NEGROES IN THE TOTAL POPULATION: 1910.

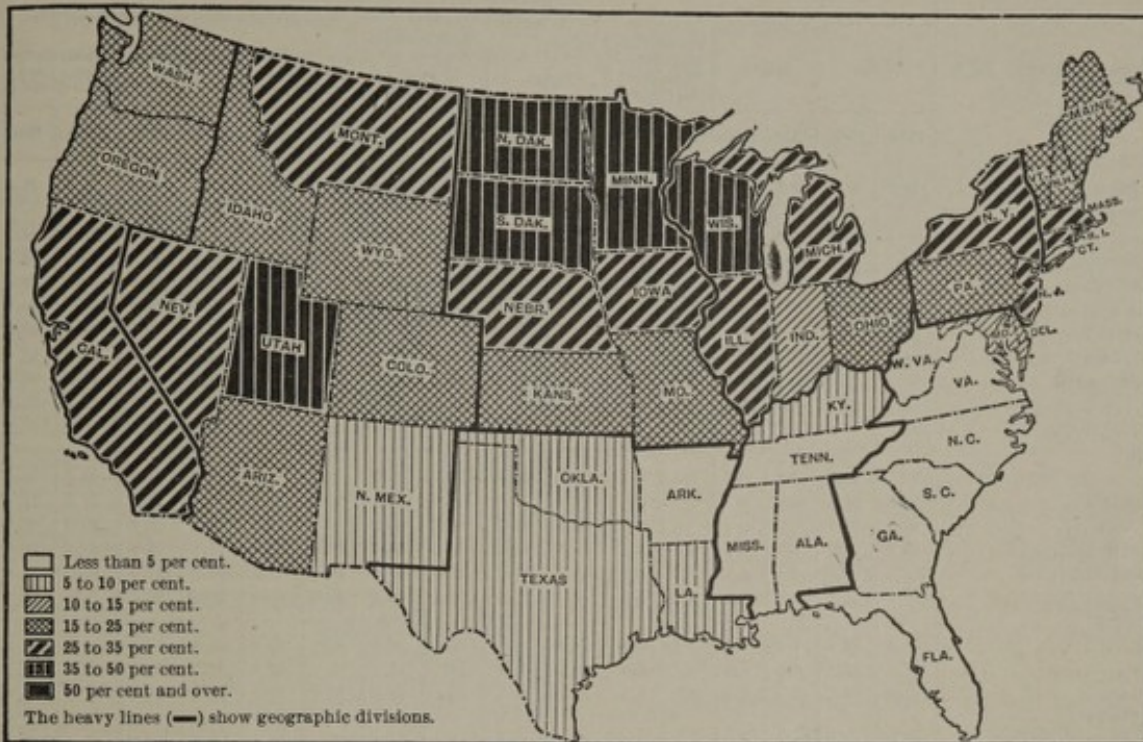


PERCENTAGE OF FOREIGN-BORN WHITES IN THE TOTAL POPULATION: 1910.

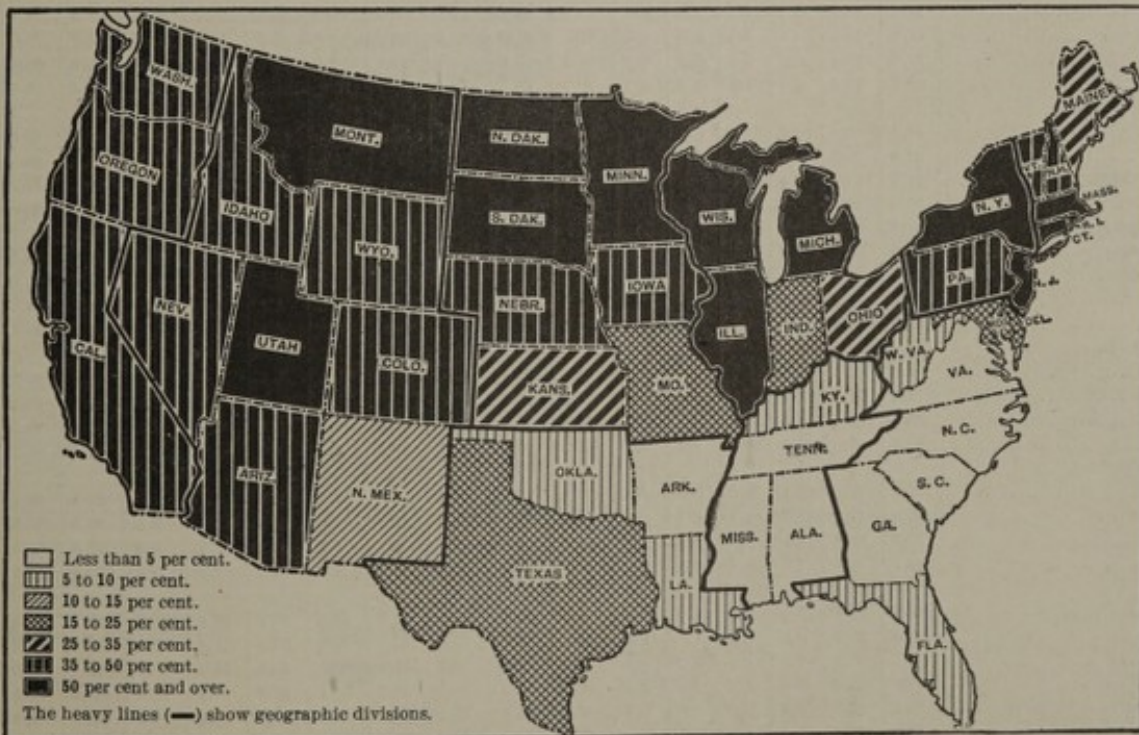




PERCENTAGE OF NATIVE WHITES OF FOREIGN OR MIXED PARENTAGE IN THE TOTAL POPULATION: 1910.



PERCENTAGE OF FOREIGN-BORN WHITES AND NATIVE WHITES OF FOREIGN OR MIXED PARENTAGE COMBINED IN THE TOTAL POPULATION: 1910.





## ABSTRACT OF THE CENSUS—POPULATION.

COLOR OR RACE, NATIVITY, AND PARENTAGE—PER CENT DISTRIBUTION, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 14

Table 14  DIVISION AND STATE.		PER CENT OF TOTAL POPULATION.																	
		White.		Negro.		Indian, Chi- nese, Japa- nese, and all other.		Native white.						Foreign-born white.		Total native (all races).		Total foreign born (all races).	
								Total.		Native parentage.		Foreign or mixed par.							
		1910	1900	1910	1900	1910	1900							1910	1900	1910	1900	1910	1900
United States.....		88.9	87.9	10.7	11.6	0.4	0.5	74.4	74.5	53.8	53.9	20.5	20.6	14.5	13.4	85.3	86.4	14.7	13.6
GEOGRAPHIC DIVISIONS:																			
New England.....		98.9	98.8	1.0	1.1	0.1	0.1	71.2	73.1	39.9	44.9	31.3	28.2	27.7	25.7	72.1	74.2	27.9	25.8
Middle Atlantic.....		97.7	97.8	2.2	2.1	0.1	0.1	72.8	76.4	43.8	47.9	28.9	28.5	25.0	21.4	74.9	78.5	25.1	21.5
East North Central.....		98.2	98.3	1.6	1.6	0.1	0.1	81.4	81.9	53.4	53.1	28.0	28.8	16.8	16.4	83.2	83.6	16.8	16.4
West North Central.....		97.5	97.3	2.1	2.3	0.4	0.4	83.7	82.5	56.1	54.7	27.6	27.8	13.9	14.8	86.1	85.2	13.9	14.1
South Atlantic.....		66.2	64.2	33.7	35.7	0.1	0.1	63.8	62.2	60.2	58.5	3.6	3.7	2.4	2.0	97.5	97.9	2.5	2.1
East South Central.....		68.4	66.8	31.5	33.1	(1)	(1)	67.4	65.7	64.8	62.6	2.6	3.0	1.0	1.2	99.0	98.8	1.0	1.2
West South Central.....		76.5	73.0	22.6	25.9	0.9	1.0	72.5	69.0	65.7	61.7	6.9	7.3	4.0	4.0	96.0	95.9	4.0	4.1
Mountain.....		95.7	94.3	0.8	0.9	3.5	4.7	79.1	77.1	55.7	51.1	23.4	26.1	16.6	17.2	82.8	82.0	17.2	18.0
Pacific.....		96.0	94.9	0.7	0.6	3.3	4.5	75.4	75.4	50.3	48.2	25.1	27.1	20.5	19.6	77.2	77.5	22.8	22.5
NEW ENGLAND:																			
Maine.....		99.7	99.7	0.2	0.2	0.1	0.1	84.8	86.3	66.7	71.0	18.2	15.3	14.8	13.4	85.1	86.6	14.9	13.4
New Hampshire.....		99.8	99.8	0.1	0.2	(1)	(1)	77.4	78.4	53.5	58.9	23.9	19.5	22.4	21.4	77.5	78.6	22.5	21.4
Vermont.....		99.5	99.7	0.5	0.2	(1)	(1)	85.5	86.7	64.4	65.6	21.1	21.2	14.0	13.0	86.0	87.0	14.0	13.0
Massachusetts.....		98.8	98.7	1.1	1.1	0.1	0.1	67.5	68.8	32.8	36.8	34.8	32.0	31.2	29.9	68.5	69.8	31.5	30.2
Rhode Island.....		98.1	97.8	1.8	2.1	0.1	0.1	65.3	66.6	29.5	33.8	35.9	32.7	32.8	31.2	67.0	68.6	33.0	31.4
Connecticut.....		98.6	98.2	1.4	1.7	0.1	0.1	69.1	72.1	35.5	41.0	33.6	31.1	29.5	26.1	70.4	73.8	29.6	26.2
MIDDLE ATLANTIC:																			
New York.....		98.4	98.4	1.5	1.4	0.1	0.2	68.4	72.5	35.4	39.2	33.0	33.2	29.9	26.0	69.8	73.9	30.2	26.1
New Jersey.....		96.4	96.2	3.5	3.7	0.1	0.1	70.5	73.4	39.8	43.8	30.7	29.5	25.9	22.8	74.0	77.1	26.0	22.9
Pennsylvania.....		97.4	97.5	2.5	2.5	(1)	0.1	78.7	81.9	55.1	59.2	23.6	22.7	18.8	15.6	81.2	84.4	18.8	15.6
EAST NORTH CENTRAL:																			
Ohio.....		97.6	97.7	2.3	2.3	(1)	(1)	85.1	86.6	63.6	63.8	21.5	22.9	12.5	11.0	87.4	89.0	12.6	11.0
Indiana.....		97.7	97.7	2.2	2.3	(1)	(1)	91.8	92.1	78.9	77.6	13.0	14.5	5.9	5.6	94.1	94.4	5.9	5.6
Illinois.....		98.0	98.2	1.9	1.8	(1)	(1)	76.7	78.2	46.1	47.1	30.6	31.1	21.3	20.0	78.6	79.9	21.4	20.1
Michigan.....		99.1	99.1	0.6	0.7	0.3	0.3	77.9	76.8	43.6	42.4	34.3	34.4	21.2	22.3	78.7	77.6	21.3	22.4
Wisconsin.....		99.4	99.5	0.1	0.1	0.4	0.4	77.5	74.5	32.7	28.3	44.8	46.2	22.0	24.9	78.0	75.1	22.0	24.9
WEST NORTH CENTRAL:																			
Minnesota.....		99.2	99.2	0.3	0.3	0.5	0.5	73.0	70.3	27.7	24.3	45.3	46.0	26.2	28.8	73.8	71.1	26.2	28.9
Iowa.....		99.3	99.4	0.7	0.6	(1)	(1)	87.0	85.7	58.6	56.5	28.4	29.2	12.3	13.7	87.7	86.3	12.3	13.7
Missouri.....		95.2	94.8	4.8	5.2	(1)	(1)	88.2	87.8	72.5	71.0	15.7	16.9	7.0	6.9	93.0	93.0	7.0	7.0
North Dakota.....		98.8	97.7	0.1	0.1	1.1	2.2	71.7	62.4	28.2	20.6	43.5	41.8	27.1	35.3	72.9	64.6	27.1	35.4
South Dakota.....		96.6	94.8	0.1	0.1	3.3	5.1	79.3	72.8	42.1	33.9	37.2	38.9	17.2	22.0	82.7	78.0	17.3	22.0
Nebraska.....		99.0	99.1	0.6	0.6	0.4	0.3	84.2	82.5	53.9	51.9	30.4	30.6	14.8	16.6	85.2	83.4	14.8	16.6
Kansas.....		96.7	96.3	3.2	3.5	0.2	0.1	88.7	87.7	71.4	68.9	17.3	18.8	8.0	8.6	92.0	91.4	8.0	8.6
SOUTH ATLANTIC:																			
Delaware.....		84.6	83.4	15.4	16.6	(1)	(1)	76.0	75.9	63.2	63.9	12.8	12.0	8.6	7.4	91.4	92.5	8.6	7.5
Maryland.....		82.0	80.2	17.9	19.8	(1)	(1)	74.0	72.3	59.2	57.2	14.8	15.1	8.0	7.8	91.9	92.1	8.1	7.9
District of Columbia.....		71.3	68.7	28.5	31.1	0.1	0.2	64.0	61.7	50.4	48.1	13.6	13.6	7.4	7.0	92.5	92.8	7.5	7.2
Virginia.....		67.4	64.3	32.6	35.6	(1)	(1)	66.1	63.3	64.3	61.5	1.8	1.8	1.3	1.0	98.7	99.0	1.3	1.0
West Virginia.....		94.7	95.5	5.3	4.5	(1)	(1)	90.1	93.1	85.3	88.0	4.7	5.1	4.7	2.3	95.3	97.7	4.7	2.3
North Carolina.....		68.0	66.7	31.6	33.0	0.4	0.3	67.7	66.5	67.3	66.0	0.4	0.4	0.3	0.2	99.7	99.8	0.3	0.2
South Carolina.....		44.8	41.6	55.2	58.4	(1)	(1)	44.4	41.2	43.7	40.3	0.7	0.9	0.4	0.4	99.6	99.6	0.4	0.4
Georgia.....		54.9	53.3	45.1	46.7	(1)	(1)	54.3	52.8	53.3	51.6	1.0	1.1	0.6	0.5	99.4	99.4	0.6	0.6
Florida.....		58.9	56.3	41.0	43.7	(1)	0.1	54.4	52.6	49.7	48.1	4.8	4.5	4.5	3.6	94.6	95.5	5.4	4.5
EAST SOUTH CENTRAL:																			
Kentucky.....		88.6	86.7	11.4	13.3	(1)	(1)	86.8	84.4	81.4	77.9	5.4	6.5	1.7	2.3	98.2	97.7	1.8	2.3
Tennessee.....		78.3	76.2	21.7	23.8	(1)	(1)	77.5	75.4	75.7	73.3	1.8	2.0	0.8	0.9	99.1	99.1	0.9	0.9
Alabama.....		57.5	54.7	42.5	45.2	(1)	(1)	56.6	54.0	55.1	52.3	1.5	1.6	0.9	0.8	99.1	99.2	0.9	0.8
Mississippi.....		43.7	41.3	56.2	58.5	0.1	0.2	43.2	40.8	42.1	39.6	1.1	1.3	0.5	0.5	99.5	99.5	0.5	0.5
WEST SOUTH CENTRAL:																			
Arkansas.....		71.8	72.0	28.1	28.0	(1)	(1)	70.8	70.9	68.4	68.4	2.3	2.5	1.1	1.1	98.9	98.9	1.1	1.1
Louisiana.....		56.8	52.8	43.1	47.1	0.1	0.1	53.7	49.1	46.9	41.3	6.8	7.8	3.1	3.8	96.8	96.2	3.2	3.8
Oklahoma <sup>2</sup> .....		87.2	84.8	8.3	7.0	4.5	8.2	84.8	82.2	79.1	76.1	5.7	6.1	2.4	2.6	97.6	97.4	2.4	2.6
Texas.....		82.2	79.6	17.7	20.4	(1)	(1)	76.1	73.8	66.8	64.3	9.3	9.5	6.2	5.8	93.8	94.1	6.2	5.9
MOUNTAIN:																			
Montana.....		95.9	93.0	0.5	0.6	3.6	6.4	71.5	67.4	43.1	38.2	28.4	29.2	24.4	25.6	74.8	72.4	25.2	27.6
Idaho.....		98.0	95.5	0.2	0.2	1.8	4.3	85.6	82.0	62.5	55.5	23.1	26.4	12.4	13.5	86.9	84.8	13.1	15.2
Wyoming.....		96.1	96.2	1.5	1.0	2.3	2.7	77.6	78.3	55.3	51.9	22.3	26.5	18.6	17.9	80.1	81.2	19.9	18.8
Colorado.....		98.0	98.0	1.4	1.6	0.5	0.4	82.2	81.3	59.5	57.7	22.7	23.6	15.9	16.8	83.8	83.1	16.2	16.9
New Mexico.....		93.1	92.3	0.5	0.8	6.4	6.9	86.1	85.5	78.1	76.3	8.0	9.2	6.9	6.8	92.9	93.0	7.1	7.0
Arizona.....		83.9	75.6	1.0	1.5	15.1	22.9	61.0	57.4	40.4	36.5	20.6	20.9	22.9	18.2	76.1	80.3	23.9	19.7
Utah.....		98.2	98.5	0.3	0.2	1.5	1.3	81.2	79.4	46.0	37.6	35.2	41.8	17.0	19.1	82.4	80.6	17.6	19.4
Nevada.....		90.7	83.6	0.6	0.3	8.7	16.1	68.7	63.4	43.1	35.7	25.6	27.7	22.0	20.3	75			

¹ Less than one-tenth of 1 per cent.

² Includes Indian Territory for 1900.



The distribution by color or race, nativity, and parentage of the population of each division and state in 1910 and 1900 is shown by percentages in Table 14. The figures for 1910 may be more readily grasped by means of the accompanying diagram and the four maps on pages 84 and 85.

COLOR OR RACE, NATIVITY, AND PARENTAGE: 1910.

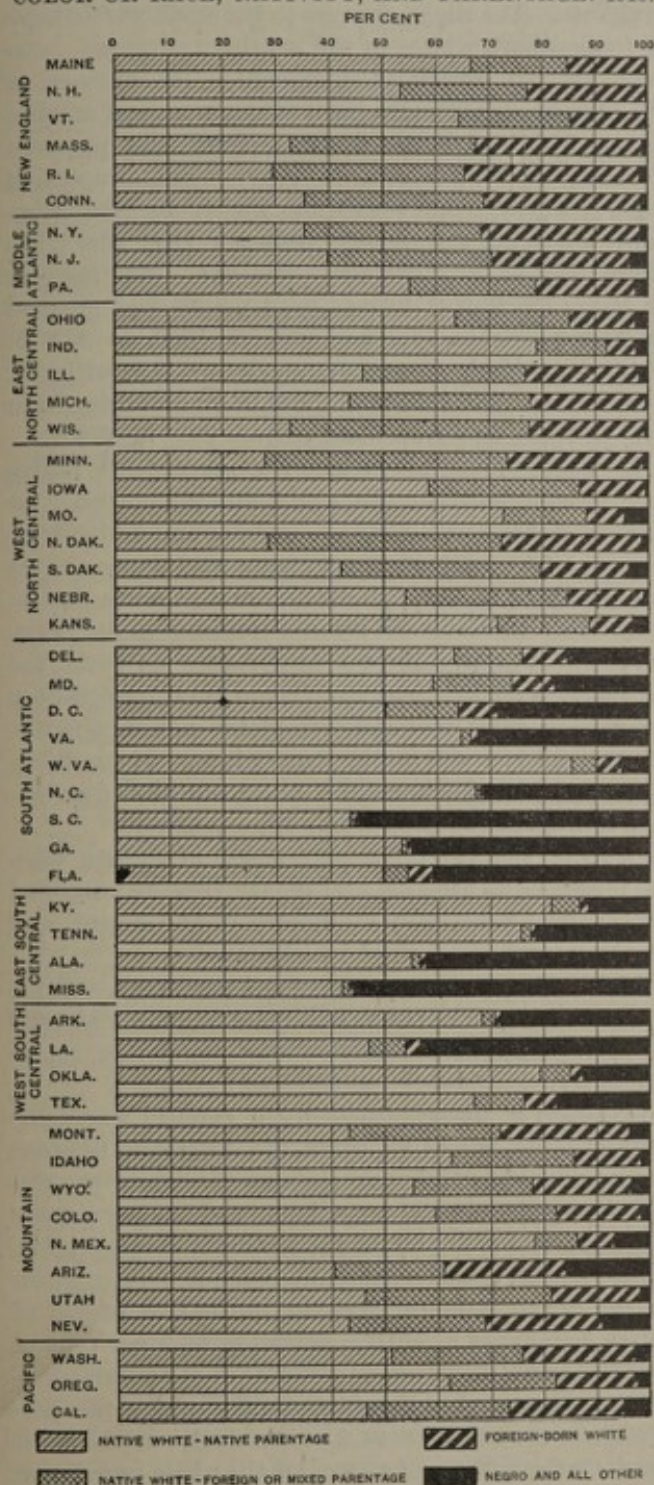


Table 15, derived from Table 14, presents percentages for 1910 for each division and for each of the three great geographic sections, the North, the South, and the West.

Table 15

PER CENT OF TOTAL POPULATION: 1910

SECTION AND DIVISION.	White.	Negro.	Ind., Chl., Jap., and all other.	Native white.		For- eign- born white.
				Native parent- age.	Foreign or mixed parent- age.	
United States.....	88.9	10.7	0.4	53.8	20.5	14.5
The North.....	98.0	1.8	0.2	49.1	28.6	20.3
New England.....	98.9	1.0	0.1	39.9	31.3	27.7
Middle Atlantic.....	97.7	2.2	0.1	43.8	28.9	25.0
East North Central.....	98.2	1.6	0.1	53.4	28.0	16.8
West North Central.....	97.5	2.1	0.4	56.1	27.6	13.9
The South.....	69.9	29.8	0.3	63.2	4.3	2.5
South Atlantic.....	66.2	33.7	0.1	60.2	3.6	2.4
East South Central.....	68.4	31.5	(1)	64.8	2.6	1.0
West South Central.....	76.5	22.6	0.9	65.7	6.9	4.0
The West.....	95.9	0.7	3.4	52.4	24.5	19.0
Mountain.....	95.7	0.8	3.5	55.7	23.4	16.6
Pacific.....	96.0	0.7	3.3	50.3	25.1	20.5

<sup>1</sup> Less than one-tenth of 1 per cent.

In 1910 whites constituted 98 per cent of the total population in the North, 95.9 per cent in the West, and 69.9 per cent in the South. The nonwhite population in the North and in the South consists chiefly of negroes, but in the West it consists chiefly of Indians, Chinese, and Japanese.

Among the nine geographic divisions the proportion of whites in 1910 was highest in New England (98.9 per cent) and lowest in the South Atlantic division (66.2 per cent); among the individual states it was highest in New Hampshire (99.8 per cent) and lowest in Mississippi and South Carolina, the only states where whites constituted less than one-half of the population.

Native whites of native parentage constituted in 1910 approximately one-half of the total population of the North (49.1 per cent) and of the West (52.4 per cent), but in the South they constituted a little over five-eighths (63.2 per cent) of the total. Native whites of foreign or mixed parentage formed 28.6 per cent of the total population in the North, 24.5 per cent in the West, and only 4.3 per cent in the South. Foreign-born whites constituted a much larger proportion in the North (20.3 per cent) and in the West (19 per cent) than in the South (2.5 per cent).

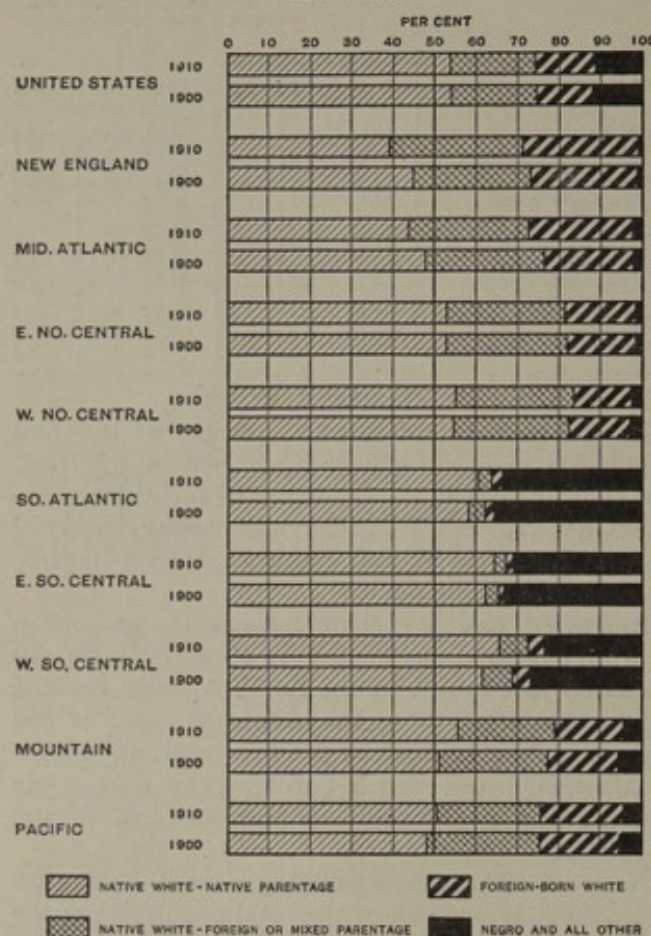
Considering the nine geographic divisions, the proportion of native whites of native parentage in the total population was highest in the West South Central division (65.7 per cent), but was approximately the same in the East South Central (64.8 per cent); it was lowest in New England (39.9 per cent). On the other hand, the proportion of native whites of foreign or mixed parentage was highest in New England (31.3 per cent) and lowest in the East South Central division (2.6 per cent). These same two divisions, likewise, ranked highest and lowest, respectively, in the proportion of foreign-born whites (27.7 per cent and 1 per cent of their total population, respectively).

Table 14 also shows the composition of the population of each division and state in 1910 in comparison



with that in 1900. For the nine geographic divisions the changes which have taken place are shown in the accompanying diagram.

COLOR OR RACE, NATIVITY, AND PARENTAGE: 1910 AND 1900.



Comparing the percentages for 1910 with those for 1900, as shown in Table 14, it appears that whites formed a larger proportion of the total population in 1910 than in 1900 in each geographic division except the Middle Atlantic and the East North Central, in both of which the change in the other direction was insignificant. In every Southern state except West Virginia and Arkansas the proportion of whites was appreciably higher in 1910 than in 1900.

Of the total population of the United States, 53.8 per cent were native whites of native parentage in 1910 and 53.9 per cent in 1900. But while the percentage remained practically unchanged for the country as a whole, it decreased in every New England and Middle Atlantic state and also in Ohio, Illinois, Delaware, and West Virginia. On the other hand, the native whites of foreign or mixed parentage constituted a greater proportion of the population in 1910 than in 1900 in most of the states of the New England and Middle Atlantic divisions, while the proportion declined or remained unchanged in every

state outside of these two divisions except North Dakota, Delaware, and Florida. The foreign-born whites formed a larger proportion of the population in 1910 than in 1900 in the New England, Middle Atlantic, East North Central, South Atlantic, and Pacific divisions, but a smaller proportion in the West North Central, East South Central, and Mountain divisions. The slight changes in the small percentages of foreign-born whites in the southern divisions, however, are not especially significant. The increase in the proportion of foreign-born whites was most marked in the Middle Atlantic division (from 21.4 per cent in 1900 to 25 per cent in 1910). The proportion was, however, even somewhat higher in New England, although the change between 1900 and 1910 (from 25.7 to 27.7 per cent) was less. The increase in the proportion of foreign-born whites was greatest in Arizona (from 18.2 per cent in 1900 to 22.9 in 1910), New York (from 26 per cent to 29.9 per cent), Connecticut (from 26.1 to 29.5), Pennsylvania (from 15.6 to 18.8), and New Jersey (from 22.8 to 25.9).

In Table 14 are given also the percentages native and foreign born in the aggregate population. As already stated, practically all negroes and Indians are native, while most of the Chinese and Japanese are foreign born. Except, however, in the South and in some Western states the colored elements in the population are not of sufficient importance to make the percentages for the total native and total foreign-born population differ materially from the percentages for the native white and foreign-born white. These differences are easily interpreted if the geographic distribution of the colored elements is kept in mind.

Broadly speaking, the percentage of foreign born has increased in the East and the far West but declined or remained practically stationary in the central and southern portions of the United States.

**White population by nativity and parentage.**—Table 16 shows for each division and state in 1910 and 1900 the percentage of the total white population represented by each nativity or parentage group.

Naturally in those sections of the country where the population is almost all white the difference between the percentage which any class of the white population forms of the total population and the percentage which it forms of the white population is inappreciable. In the South, however, the difference is very marked. In the South Atlantic division the native whites of native parentage in 1910 constituted 60.2 per cent of the total population, but 91 per cent of the white population. In the East South Central division the percentages were 64.8 and 94.8, respectively; in the West South Central, 65.7 and 85.8. Of the white population of North Carolina in 1910, 99 per cent were natives of native parentage, the corresponding percentage in



South Carolina being 97.5; in Georgia, 97.2; in Tennessee, 96.7; in Mississippi, 96.3; in Alabama, 95.8; in Virginia, 95.4; and in Arkansas, 95.3.

DIVISION AND STATE.	PER CENT OF TOTAL WHITE POPULATION.							
	Native.						Foreign born.	
	Total.		Native parentage.		Foreign or mixed parentage.			
	1910	1900	1910	1900	1910	1900	1910	1900
United States.....	83.7	84.7	60.5	61.3	23.1	23.4	16.3	15.3
GEOGRAPHIC DIVISIONS:								
New England.....	72.0	74.0	40.3	45.4	31.7	28.6	28.0	26.0
Middle Atlantic.....	74.4	78.1	44.8	49.0	29.6	29.1	25.6	21.9
East North Central.....	82.9	83.3	54.4	54.0	28.5	29.3	17.1	16.7
West North Central.....	85.8	84.8	57.5	56.2	28.3	28.6	14.2	15.2
South Atlantic.....	96.4	96.9	91.0	91.1	5.4	5.8	3.6	3.1
East South Central.....	98.5	98.2	94.8	93.7	3.7	4.5	1.5	1.8
West South Central.....	94.8	94.5	85.8	84.4	9.0	10.0	5.2	5.5
Mountain.....	82.7	81.7	58.2	54.1	24.5	27.6	17.3	18.3
Pacific.....	78.6	79.4	52.4	50.8	26.2	28.6	21.4	20.6
NEW ENGLAND:								
Maine.....	85.1	86.6	66.9	71.2	18.2	15.3	14.9	13.4
New Hampshire.....	77.5	78.6	53.6	59.1	24.0	19.5	22.5	21.4
Vermont.....	85.9	87.0	64.7	65.8	21.2	21.2	14.1	13.0
Massachusetts.....	68.4	69.7	33.2	37.3	35.2	32.4	31.6	30.3
Rhode Island.....	66.6	68.1	30.0	34.6	36.6	33.5	33.4	31.9
Connecticut.....	70.1	73.4	36.0	41.8	34.1	31.6	29.9	26.6
MIDDLE ATLANTIC:								
New York.....	69.6	73.6	36.0	39.8	33.5	33.8	30.4	26.4
New Jersey.....	73.1	76.3	41.3	45.6	31.8	30.7	26.9	23.7
Pennsylvania.....	80.7	84.6	56.5	60.7	24.2	23.3	19.3	16.0
EAST NORTH CENTRAL:								
Ohio.....	87.2	88.7	65.2	65.3	22.0	23.4	12.8	11.3
Indiana.....	94.0	94.2	80.7	79.4	13.3	14.8	6.0	5.8
Illinois.....	78.2	79.6	47.1	48.0	31.2	31.6	21.8	20.4
Michigan.....	78.6	77.5	44.0	42.8	34.6	34.7	21.4	22.5
Wisconsin.....	77.9	74.9	32.9	28.5	45.0	46.5	22.1	25.1
WEST NORTH CENTRAL:								
Minnesota.....	73.6	70.9	27.9	24.5	45.7	46.4	26.4	29.1
Iowa.....	87.6	86.2	59.0	56.8	28.6	29.4	12.4	13.8
Missouri.....	92.7	92.7	76.2	74.9	16.5	17.8	7.3	7.3
North Dakota.....	72.6	63.9	28.5	21.1	44.1	42.8	27.4	36.1
South Dakota.....	82.2	76.8	43.6	35.8	38.6	41.0	17.8	23.2
Nebraska.....	85.1	83.2	54.4	52.4	30.7	30.8	14.9	16.8
Kansas.....	91.7	91.1	73.9	71.6	17.9	19.5	8.3	8.9
SOUTH ATLANTIC:								
Delaware.....	89.8	91.1	74.7	76.7	15.1	14.4	10.2	8.9
Maryland.....	90.2	90.2	72.1	71.4	18.1	18.8	9.8	9.8
District of Columbia.....	89.7	89.8	70.6	70.0	19.1	19.8	10.3	10.2
Virginia.....	98.1	98.4	95.4	95.7	2.7	2.7	1.9	1.6
West Virginia.....	95.1	97.6	90.1	92.2	5.0	5.3	4.9	2.4
North Carolina.....	99.6	99.7	99.0	99.0	0.6	0.7	0.4	0.3
South Carolina.....	99.1	99.0	97.5	96.9	1.6	2.1	0.9	1.0
Georgia.....	98.9	99.0	97.2	96.9	1.8	2.1	1.1	1.0
Florida.....	92.4	93.5	84.3	85.4	8.1	8.1	7.6	6.5
EAST SOUTH CENTRAL:								
Kentucky.....	98.0	97.3	91.9	89.9	6.1	7.5	2.0	2.7
Tennessee.....	98.9	98.9	96.7	96.2	2.2	2.7	1.1	1.1
Alabama.....	98.5	98.6	95.8	95.6	2.6	3.0	1.5	1.4
Mississippi.....	98.8	98.8	96.3	95.8	2.5	3.0	1.2	1.2
WEST SOUTH CENTRAL:								
Arkansas.....	98.5	98.5	95.3	95.0	3.2	3.5	1.5	1.5
Louisiana.....	94.5	92.9	82.5	78.1	12.0	14.8	5.5	7.1
Oklahoma.....	97.2	97.0	90.7	89.8	6.5	7.2	2.8	3.0
Texas.....	92.5	92.7	81.2	80.8	11.3	11.9	7.6	7.3
MOUNTAIN:								
Montana.....	74.6	72.4	45.0	41.1	29.6	31.4	25.4	27.6
Idaho.....	87.3	85.8	63.8	58.2	23.6	27.7	12.7	14.2
Wyoming.....	80.7	81.4	57.5	53.9	23.2	27.5	19.3	18.6
Colorado.....	83.8	82.9	60.0	58.8	23.2	24.1	16.2	17.1
New Mexico.....	92.6	92.6	83.9	82.7	8.6	9.9	7.4	7.4
Arizona.....	72.7	75.9	48.1	48.3	24.6	27.6	27.3	24.1
Utah.....	82.7	80.6	46.8	38.2	35.9	42.4	17.3	19.4
Nevada.....	75.8	75.8	47.6	42.7	28.2	33.1	24.2	24.2
PACIFIC:								
Washington.....	78.3	79.4	52.8	53.4	25.5	26.0	21.7	20.6
Oregon.....	84.3	86.3	63.6	64.9	20.6	21.4	15.7	13.7
California.....	77.1	77.4	49.0	45.9	28.1	31.5	22.9	22.6

<sup>1</sup> Includes Indian Territory for 1900.

In both the New England and the Middle Atlantic divisions the native whites of native parentage constituted less than half the whole number of white persons in 1910. In Minnesota only 27.9 per cent, or hardly more than one-fourth, of the total white population were natives of native parentage. The percent-

age was almost as low in North Dakota, where it was 28.5; in Wisconsin it was 32.9. Other low percentages were found in the East. In Rhode Island 30 per cent of the white population were natives of native parentage; in Massachusetts, 33.2 per cent; in Connecticut, and also in New York, 36 per cent. These are all the states in which less than two-fifths of the white population were natives of native parentage. There are also nine other states where the native whites of native parentage formed less than half the white population. In several states the native whites of native parentage were exceeded in number by those of foreign or mixed parentage. This was the case in Massachusetts, Rhode Island, Wisconsin, Minnesota, and North Dakota.

**Increase by color or race, nativity, and parentage.**—The absolute and relative increase during the decade 1900-1910 is shown by divisions and states for the principal color or race, nativity, and parentage elements in Table 17.

The statistics in this table are particularly useful in that they show the relative increase of the several elements within a single division or state. Differences among divisions or states with reference to the rate of increase for any given class may result merely from the general differences in the rate at which the population as a whole is increasing. In considering these statistics it should be borne in mind that the increase in any given class by no means represents exactly the natural growth by excess of births over deaths. Aside from the factors which have already been mentioned as contributing to the growth of the several elements, particularly the white elements, in the country as a whole (see page 78), the growth in individual states and divisions is largely affected by interstate and inter-divisional migration.

Between 1900 and 1910 the white population increased more rapidly than the negro in each of the three southern divisions, where negroes are most numerous, and also in the New England, West North Central, and Mountain divisions. In the Middle Atlantic, East North Central, and Pacific divisions, however, the negroes increased the more rapidly, but in the Pacific division there are still very few negroes. In the South as a whole the white population increased from 16,521,970 to 20,547,420, or 24.4 per cent, while the negroes increased from 7,922,969 to 8,749,427, or 10.4 per cent. Migration of whites to the South and of negroes to the North accounts in part for this difference. Many of the individual states in the northern and western divisions present conditions as to the relative growth of the white and negro population differing from those shown by the divisions in which the states are located. In the South, however, the only states where the negroes increased faster than the whites were Arkansas, Oklahoma, and West Virginia.



## ABSTRACT OF THE CENSUS—POPULATION.

INCREASE BY COLOR OR RACE, NATIVITY, AND PARENTAGE, BY DIVISIONS AND STATES: 1900-1910.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 17

DIVISION AND STATE.	TOTAL.		WHITE.		NEGRO.		INDIAN, CHINESE, JAPANESE, AND ALL OTHER.		NATIVE WHITE.						FOREIGN-BORN WHITE.	
									Total.		Native parentage.		Foreign or mixed par.			
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
<b>United States.....</b>	<b>15,977,691</b>	<b>21.0</b>	<b>14,922,761</b>	<b>22.3</b>	<b>993,769</b>	<b>11.2</b>	<b>61,161</b>	<b>17.4</b>	<b>11,791,033</b>	<b>20.8</b>	<b>8,539,213</b>	<b>20.9</b>	<b>3,251,820</b>	<b>20.8</b>	<b>3,131,728</b>	<b>30.7</b>
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	960,664	17.2	953,488	17.3	7,207	12.2	—31	—0.5	575,974	14.1	102,309	4.1	473,665	30.0	377,514	26.3
Middle Atlantic.....	3,861,214	25.0	3,769,590	24.9	91,949	28.2	—325	—1.8	2,245,527	19.0	1,056,382	14.3	1,189,145	27.0	1,524,063	46.2
East North Central.....	2,265,040	14.2	2,217,569	14.1	42,994	16.7	4,477	25.3	1,770,646	13.5	1,263,952	14.9	506,694	11.0	446,923	17.1
West North Central.....	1,290,498	12.5	1,285,804	12.8	4,753	2.0	—59	—0.1	1,203,678	14.1	862,784	15.2	340,894	11.9	82,126	5.4
South Atlantic.....	1,751,415	16.8	1,365,545	20.4	383,471	10.3	2,399	28.5	1,283,873	19.8	1,233,891	20.2	49,982	12.8	81,672	39.1
East South Central.....	862,144	11.4	769,479	14.1	152,627	6.1	38	1.3	712,304	14.4	726,718	15.4	—14,414	—6.3	—2,825	—3.2
West South Central.....	2,232,244	34.5	1,950,426	40.9	290,360	17.1	11,458	17.1	1,865,677	41.4	1,738,505	43.2	127,172	26.6	84,749	32.1
Mountain.....	958,860	57.3	940,600	59.5	5,877	37.7	12,383	15.6	792,051	61.3	611,523	71.5	180,528	41.4	148,549	51.5
Pacific.....	1,775,612	73.5	1,730,260	75.4	14,531	99.1	30,821	28.4	1,341,303	73.7	943,149	80.9	398,154	60.7	388,957	82.3
<b>NEW ENGLAND:</b>																
Maine.....	47,905	6.9	47,709	6.9	44	3.3	92	10.0	30,571	5.1	1,825	0.4	28,746	27.1	17,198	18.5
New Hampshire.....	18,984	4.6	19,115	4.7	—98	—14.8	—33	—24.4	10,518	3.3	—12,383	—5.1	22,901	28.5	8,597	9.8
Vermont.....	12,315	3.6	11,527	3.4	795	96.2	—7	.....	6,360	2.1	4,001	1.8	2,359	3.2	5,167	11.6
Massachusetts.....	561,070	20.0	555,162	20.0	6,081	19.0	—173	—4.8	344,226	17.8	71,165	6.9	273,061	30.4	210,906	25.1
Rhode Island.....	114,054	26.6	113,462	27.1	457	4.8	175	42.3	69,189	24.3	14,835	10.2	54,354	38.7	44,253	33.1
Connecticut.....	206,336	22.7	206,473	23.1	—32	—0.3	—85	—11.0	115,110	17.6	22,866	6.1	92,244	32.7	91,363	38.5
<b>MIDDLE ATLANTIC:</b>																
New York.....	1,844,720	25.4	1,809,964	25.3	34,959	35.2	—203	—1.6	970,215	18.4	378,812	13.3	591,403	24.5	839,749	44.4
New Jersey.....	653,498	34.7	633,577	35.0	19,916	28.5	5	0.3	405,439	29.3	183,936	22.3	221,503	39.8	228,138	53.0
Pennsylvania.....	1,362,996	21.6	1,326,049	21.6	37,074	23.6	—127	—3.5	809,873	16.9	493,634	13.2	376,239	26.3	456,176	46.4
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	609,576	14.7	594,693	14.6	14,551	15.0	332	75.5	455,348	12.6	381,819	14.4	73,529	7.7	139,345	30.4
Indiana.....	184,414	7.3	181,459	7.4	2,815	4.9	140	30.8	163,998	7.1	177,894	9.1	—13,896	—3.8	17,461	12.3
Illinois.....	817,041	16.9	792,089	16.7	23,971	28.2	981	61.4	554,164	14.7	328,790	14.5	225,374	15.0	237,925	24.7
Michigan.....	389,191	16.1	386,684	16.1	1,299	8.2	1,208	18.3	331,356	17.8	198,127	19.3	133,229	16.0	55,328	10.2
Wisconsin.....	264,818	12.8	262,644	12.8	358	14.1	1,816	21.1	265,780	17.2	177,322	30.3	88,458	9.2	—3,136	—0.6
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	324,314	18.5	322,191	18.5	2,125	42.9	—2	(1)	284,116	23.1	149,301	35.1	134,815	16.7	38,075	7.5
Iowa.....	—7,082	—0.3	—9,476	—0.4	2,280	18.0	114	23.1	22,822	1.2	42,458	3.4	—19,636	—3.0	—32,298	—10.6
Missouri.....	186,670	6.0	190,089	6.5	—3,782	—2.3	363	61.7	176,968	6.5	182,961	8.3	—5,993	—1.1	13,121	6.1
North Dakota.....	257,910	80.8	258,143	82.8	331	115.7	—564	—7.9	214,575	107.8	96,650	146.9	117,925	88.5	43,568	38.7
South Dakota.....	182,318	45.4	183,057	48.1	352	75.7	—1,091	—5.4	170,788	58.4	109,461	80.4	61,297	39.2	12,299	13.9
Nebraska.....	125,914	11.8	123,767	11.7	1,420	22.7	727	20.7	125,019	14.2	88,551	16.0	36,468	11.2	—1,252	—0.7
Kansas.....	220,454	15.0	218,033	15.4	2,027	3.9	394	18.1	209,420	16.2	193,402	19.1	16,018	5.8	8,613	6.8
<b>SOUTH ATLANTIC:</b>																
Delaware.....	17,587	9.5	17,125	11.1	484	1.6	—22	.....	13,434	9.6	9,780	8.3	3,654	16.4	3,091	26.9
Maryland.....	107,302	9.0	110,215	11.6	—2,814	—1.2	—99	—17.8	99,185	11.5	86,578	12.7	12,607	7.0	11,030	11.8
District of Columbia.....	52,351	18.8	44,596	23.3	7,744	8.9	11	2.3	39,765	23.1	32,638	24.3	7,127	18.8	4,831	24.7
Virginia.....	207,428	11.2	196,954	16.5	10,374	1.6	100	16.5	189,394	16.1	184,025	16.1	5,369	16.5	7,560	39.6
West Virginia.....	262,319	27.4	241,584	26.4	20,674	47.5	61	.....	206,891	23.2	198,126	23.5	8,765	17.9	34,693	155.0
North Carolina.....	312,477	16.5	236,908	18.7	73,374	11.7	2,195	38.3	235,360	18.7	234,907	18.8	453	5.4	1,548	35.2
South Carolina.....	175,084	13.1	121,354	21.8	53,522	6.8	208	110.6	120,671	21.8	121,204	22.4	—533	—4.6	683	12.7
Georgia.....	392,790	17.7	250,508	21.2	142,174	13.7	108	48.2	247,457	21.2	246,698	21.6	759	3.0	3,051	25.4
Florida.....	224,077	42.4	146,301	49.2	77,939	33.8	—163	—34.0	131,716	47.4	119,935	47.2	11,781	49.0	14,585	75.7
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	142,731	6.6	165,642	8.9	—23,050	—8.1	139	87.4	175,722	9.7	189,781	11.3	—14,059	—10.1	—10,080	—20.1
Tennessee.....	164,173	8.1	171,246	11.1	—7,155	—1.5	82	43.9	170,373	11.2	172,970	11.7	—2,597	—6.3	873	5.0
Alabama.....	309,396	16.9	227,680	22.7	80,975	9.8	741	311.3	223,062	22.6	220,801	23.1	2,261	7.5	4,618	32.2
Mississippi.....	245,844	15.8	144,911	22.6	101,857	11.2	—924	—37.9	143,147	22.6	143,166	23.3	—19	—0.1	1,764	23.1
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	262,885	20.0	186,446	19.7	76,035	20.7	404	315.6	183,723	19.7	179,841	20.0	3,882	11.9	2,723	19.2
Louisiana.....	274,763	19.9	211,474	29.0	63,070	9.7	219	18.1	211,545	31.2	206,625	36.3	4,920	4.6	—71	—0.1
Oklahoma.....	866,764	109.7	774,327	115.5	81,928	147.1	10,509	16.3	754,633	116.1	708,851	117.8	45,782	94.9	19,694	96.6
Texas.....	847,832	27.8	778,179	32.1	69,327	11.2	326	24.7	715,776	31.8	643,188	32.8	72,588	25.1	62,403	35.1
<b>MOUNTAIN:</b>																
Montana.....	132,724	54.5	134,297	59.3	311	20.4	—1,884	—12.1	105,026	64.1	69,190	74.4	35,836	50.5	29,271	46.9
Idaho.....	163,822	101.3	164,726	106.6	358	122.2	—1,262	—18.1	146,189	110.2	113,748	126.6	32,441	75.9	18,537	84.7
Wyoming.....	53,434	57.7	51,267	57.6	1,295	137.8	872	34.3	40,731	56.2	32,714	68.2	8,017	32.7	10,536	63.5
Colorado.....	239,324	48.0	254,369	48.1	2,883	33.6	2,072	99.4	217,993	49.7	163,801	52.6	54,192	42.6	36,376	40.2
New Mexico.....	131,991	67.6	124,387	69.0	18	1.1	7,586	56.2	114,994	68.9	106,580	71.5	8,414	47.0	9,393	70.8
Arizona.....	81,423	66.2	78,565	84.6	161	8.7	2,097	9.6	54,136	76.8	37,638	84.0	16,498	64.2	24,429	109.1
Utah.....	96,602	34.9	94,118	34.5	472	70.2	2,012	55.7	83,529	38.0	67,637	65.0	15,892	13.7	10,589	20.1
Nevada.....	39,540	93.4	38,871	109.8	379	282.8	296	4.3	29,453	109.8	20,215	133.8	9,238	78.9	9,418	109.8
<b>PACIFIC:</b>																
Washington.....	623,887	120.4	612,807	123.5	3,544	141.0	7,536	39.1	473,735	120.2	320,318	120.8	153,417	118.8	139,072	136.2
Oregon.....	259,229	62.7	260,508	66.0	387	35.0	—1,666	—9.3	211,368	62.0	160,726	62.8	50,642	59.9	49,140	91.2
California.....	892,496	60.1	856,945	61.1	10,600	96.0	24,951	35.0	656,200	60.4	462,105	71.7	194,095	43.9	200,745	63.4

<sup>1</sup> Decrease of less than one-tenth of 1 per cent.<sup>2</sup> Includes population of Indian Territory for 1900.



The white population increased during the decade 1900-1910 in every state except Iowa, and there were only six states—Kentucky, Indiana, Maine, Missouri, New Hampshire, and Vermont—in which the increase was less than 10 per cent. The negro population decreased in Maryland, Kentucky, Tennessee, and Missouri, as well as in two New England states. Among the Southern states with a considerable negro population the highest relative increase was in Oklahoma, 147.1 per cent, as compared with 115.5 per cent for the whites. West Virginia, Florida, and Arkansas showed high percentages of increase for the negroes, while Louisiana, Alabama, Mississippi, Texas, North Carolina, and Georgia, all with a large negro population, showed percentages of increase ranging from 9.7 to 13.7, or about the same as that for the country as a whole.

During the decade 1900-1910 the foreign-born white population increased by a greater percentage than the native white in the New England, Middle Atlantic, East North Central, South Atlantic, and Pacific divisions. The opposite was the case in the four other divisions; an actual decrease of foreign-born whites occurred in the East South Central division. In the Middle Atlantic division the foreign-born whites increased 46.2 per cent, as compared with 19 per cent for the native whites. Of the total increase in the foreign-born whites in the country as a whole (3,131,728), nearly one-half (1,524,063) was in the Middle Atlantic division and most of the remainder in the East North Central, Pacific, and New England divisions. The recent immigration has been very unequally distributed over the country.

In all but two of the divisions the percentage of increase in the native whites of native parentage was materially higher than that in the native whites of foreign or mixed parentage; in the East South Central division, in fact, the latter decreased. In New England, however, the native whites of native parentage increased only 4.1 per cent, while those of foreign or mixed parentage increased 30 per cent, and in the Middle Atlantic division the corresponding percentages of increase were 14.3 and 27, respectively. In New Hampshire there was an actual decrease in the native whites of native parentage, and in Vermont and Maine the increase was very slight.

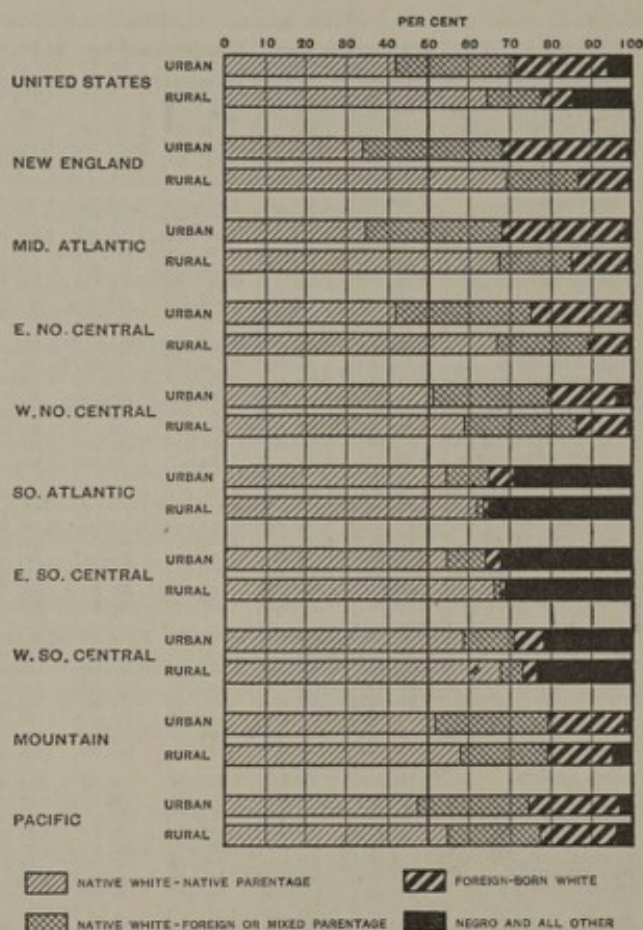
Very few individual states present exceptions to the conditions in the geographic divisions in which they are located with respect to the relative rates of increase of native and foreign-born whites, or the relative rates of increase of native whites of native parentage and native whites of foreign or mixed parentage.

New Hampshire is the only state which contained fewer native whites of native parentage in 1910 than in 1900, but in Indiana, Iowa, Missouri, South Carolina, Kentucky, Tennessee, and Mississippi a decrease occurred in the native whites of foreign or mixed parentage, and in Wisconsin, Iowa, Nebraska, Kentucky, and Louisiana the foreign-born whites decreased.

# URBAN AND RURAL POPULATION.

Table 18 classifies the principal color or race, nativity, and parentage classes in 1910 as urban or rural for each geographic division, and further distributes the urban population by classes of cities. The accompanying diagram shows, by geographic divisions, the relative importance of the several classes of population in urban and rural communities, respectively.

COLOR OR RACE, NATIVITY, AND PARENTAGE IN URBAN AND RURAL COMMUNITIES: 1910.



There is in the country as a whole and in most individual states a marked difference between the composition of the urban population and that of the rural. Of the aggregate urban population—that is, the population of incorporated places of 2,500 inhabitants or more, including New England towns of that size—of the United States in 1910, 41.9 per cent were native whites of native parentage, 29 per cent native whites of foreign or mixed parentage, 22.6 per cent foreign-born whites, and 6.3 per cent negroes. In the rural population, on the other hand, 64.1 per cent were native whites of native parentage, only 13.3 per cent were native whites of foreign or mixed parentage, and 7.5 per cent were foreign-born whites, while negroes constituted 14.5 per cent. Thus the foreign-born whites and their children constituted fully one-half (51.6 per cent) of the urban population and only about one-fifth of the rural.



## COLOR OR RACE, NATIVITY, AND PARENTAGE IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

[The term cities as here used includes incorporated towns, villages, and boroughs and also New England towns.]

Table 18

DIVISION AND CLASS OF COMMUNITY.	Total population.	WHITE.				Negro.	Indian, Chinese, Japanese, and all other.	PER CENT OF TOTAL POPULATION.				PER CENT DISTRIBUTION BY CLASS OF COMMUNITY.					
		Native.			Foreign born.			White.				Total population.	White.				Negro.
		Total.	Native parentage.	Foreign or mixed parentage.				Native.									
								Native parentage.	Foreign or mixed parentage.	Foreign born.	Negro.		Total.	Native parentage.	Foreign or mixed parentage.	Foreign born.	
<b>UNITED STATES.</b>	<b>91,972,266</b>	<b>68,386,412</b>	<b>49,488,575</b>	<b>18,897,837</b>	<b>13,345,545</b>	<b>9,827,763</b>	<b>412,546</b>	<b>53.8</b>	<b>20.5</b>	<b>14.5</b>	<b>10.7</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	49,348,883	38,189,868	31,638,931	6,550,937	3,710,176	2,138,534	310,305	64.1	13.3	7.5	14.5	53.7	55.8	63.9	34.7	27.8	
Urban communities.....	42,623,383	30,196,544	17,849,644	12,346,900	9,635,369	7,689,229	102,241	41.9	29.0	22.6	6.3	46.3	44.2	36.1	65.3	72.2	
Cities of 2,500 to 10,000..	8,470,359	6,020,540	4,872,584	1,747,956	1,177,661	655,206	16,892	57.5	20.6	13.9	7.7	9.2	9.7	9.8	9.2	8.8	
Cities of 10,000 to 25,000..	5,600,208	4,207,860	2,827,915	1,379,945	978,718	408,362	14,268	50.4	24.6	17.4	7.3	6.1	6.2	5.7	7.3	4.2	
Cities of 25,000 to 100,000.	8,241,678	5,963,109	3,779,057	2,184,032	1,663,814	602,040	12,715	45.9	26.5	20.2	7.3	9.0	8.7	7.6	11.6	12.5	
Cities of 100,000 to 500,000.	8,790,297	6,173,049	3,422,040	2,751,009	1,944,068	626,946	46,234	38.9	31.3	22.1	7.1	9.6	9.0	6.9	14.6	14.6	
Cities of 500,000 and over.	11,511,841	7,231,986	2,948,048	4,283,938	3,871,108	396,615	12,132	25.6	37.2	33.6	3.4	12.5	10.6	6.0	22.7	29.0	
<b>New England.</b>	<b>6,552,681</b>	<b>4,686,128</b>	<b>2,613,419</b>	<b>2,052,709</b>	<b>1,814,386</b>	<b>66,306</b>	<b>5,861</b>	<b>39.9</b>	<b>31.3</b>	<b>27.7</b>	<b>1.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	1,097,336	952,751	765,935	186,816	137,796	5,429	1,360	69.8	17.0	12.6	0.5	16.7	20.4	29.3	9.1	7.6	
Urban communities.....	5,455,345	3,733,377	1,847,484	1,865,893	1,676,590	60,877	4,501	33.9	34.2	30.7	1.1	83.3	79.6	70.7	90.9	92.4	
Cities of 2,500 to 10,000..	1,273,821	964,173	601,409	362,764	300,017	8,922	709	47.2	28.5	23.6	0.7	19.4	20.7	23.0	17.7	16.5	
Cities of 10,000 to 25,000..	936,553	671,760	360,215	311,545	258,382	5,969	442	38.5	33.3	27.6	0.6	14.3	14.4	13.8	15.2	14.2	
Cities of 25,000 to 100,000.	1,637,987	1,076,311	499,545	576,760	544,771	15,777	1,128	30.5	35.2	33.3	1.0	25.0	23.1	19.1	28.1	30.0	
Cities of 100,000 to 500,000.	936,399	586,159	228,445	357,714	332,698	16,645	897	24.4	38.2	35.5	1.8	14.3	12.6	8.7	17.4	18.3	
Cities of 500,000 and over.	670,585	414,974	157,870	257,104	240,722	13,564	1,325	23.5	38.3	35.9	2.0	10.2	8.9	6.0	12.5	13.3	
<b>Middle Atlantic.</b>	<b>19,315,892</b>	<b>14,054,273</b>	<b>8,462,961</b>	<b>5,591,312</b>	<b>4,826,179</b>	<b>417,870</b>	<b>17,570</b>	<b>43.8</b>	<b>28.9</b>	<b>25.0</b>	<b>2.2</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	5,502,519	4,729,829	3,744,498	985,331	776,702	78,624	7,364	67.0	17.6	13.9	1.4	29.0	33.7	44.2	17.6	16.1	
Urban communities.....	13,723,373	9,324,444	4,718,463	4,605,981	4,049,477	339,246	10,206	34.4	33.6	29.5	2.5	71.0	66.3	55.8	82.4	83.9	
Cities of 2,500 to 10,000..	1,662,907	1,315,678	890,992	424,686	317,814	28,783	632	53.6	25.5	19.1	1.7	8.6	9.4	10.5	7.6	6.6	
Cities of 10,000 to 25,000..	1,349,807	1,021,760	649,718	372,042	294,400	33,162	483	48.1	27.6	21.8	2.5	7.0	7.3	7.7	6.7	6.1	
Cities of 25,000 to 100,000.	2,110,782	1,565,483	962,502	602,978	491,301	53,156	842	45.6	28.6	23.3	2.5	10.9	11.1	11.4	10.8	10.2	
Cities of 100,000 to 500,000.	1,750,081	1,231,699	533,833	697,866	495,245	22,354	783	30.5	39.9	28.3	1.3	9.1	8.8	6.3	12.5	10.3	
Cities of 500,000 and over.	6,849,796	4,189,824	1,681,415	2,508,409	2,450,717	201,791	7,464	24.5	36.6	35.8	2.9	35.5	29.8	19.9	44.9	50.8	
<b>East North Central.</b>	<b>18,250,621</b>	<b>14,860,402</b>	<b>9,751,968</b>	<b>5,108,434</b>	<b>3,067,220</b>	<b>300,836</b>	<b>22,163</b>	<b>53.4</b>	<b>28.0</b>	<b>16.8</b>	<b>1.6</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	8,633,350	7,668,041	5,737,299	1,930,742	877,929	70,294	17,066	66.5	22.4	10.2	0.8	47.3	51.6	58.8	37.8	28.6	
Urban communities.....	9,617,271	7,192,361	4,014,669	3,177,692	2,189,291	230,542	5,077	41.7	33.0	22.8	2.4	52.7	48.4	41.2	62.2	71.4	
Cities of 2,500 to 10,000..	1,905,353	1,608,792	1,143,785	465,007	257,922	37,859	780	60.0	24.4	13.5	2.0	10.4	10.8	11.7	9.1	8.4	
Cities of 10,000 to 25,000..	1,396,143	1,120,829	716,479	404,350	244,097	30,471	746	51.3	29.0	17.5	2.2	7.6	7.5	7.3	7.9	8.0	
Cities of 25,000 to 100,000.	1,553,809	1,236,496	772,422	464,044	275,268	41,362	713	49.7	29.9	17.7	2.7	8.5	8.3	7.9	9.1	9.0	
Cities of 100,000 to 500,000.	2,016,020	1,512,212	804,530	707,682	435,084	68,299	425	39.9	35.1	21.6	3.4	11.0	10.2	8.2	13.9	14.2	
Cities of 500,000 and over.	2,745,946	1,714,062	577,453	1,136,609	976,120	52,551	2,413	21.0	41.4	35.6	1.9	15.0	11.5	5.9	22.2	31.9	
<b>West North Central.</b>	<b>11,637,921</b>	<b>9,738,390</b>	<b>6,523,687</b>	<b>3,214,703</b>	<b>1,613,231</b>	<b>242,662</b>	<b>43,638</b>	<b>56.1</b>	<b>27.6</b>	<b>13.9</b>	<b>2.1</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	7,764,205	6,663,994	4,539,360	2,124,634	981,335	78,361	40,315	58.5	27.4	12.6	1.0	66.7	68.4	69.6	66.1	60.8	
Urban communities.....	3,873,716	3,074,396	1,984,327	1,090,669	631,696	164,301	3,323	51.2	28.1	16.3	4.2	33.3	31.6	30.4	33.9	32.7	
Cities of 2,500 to 10,000..	1,040,688	875,686	642,133	233,553	129,684	34,525	793	61.7	22.4	12.5	3.3	8.9	9.0	9.8	7.3	8.0	
Cities of 10,000 to 25,000..	455,439	376,426	261,933	114,493	56,046	22,013	954	57.5	25.1	12.3	4.8	3.9	3.9	4.0	3.6	3.5	
Cities of 25,000 to 100,000.	801,931	645,914	446,011	199,903	125,403	30,075	539	55.6	24.9	15.6	3.8	6.9	6.6	6.8	6.2	7.8	
Cities of 100,000 to 500,000.	888,629	659,588	364,414	295,174	194,857	33,728	456	41.0	33.2	21.9	3.8	7.6	6.8	5.6	9.2	12.1	
Cities of 500,000 and over.	687,029	516,782	269,836	246,946	125,706	43,960	581	39.3	35.9	18.3	6.4	5.9	5.3	4.1	7.7	7.8	
<b>South Atlantic.</b>	<b>12,194,895</b>	<b>7,781,048</b>	<b>7,341,205</b>	<b>439,843</b>	<b>290,555</b>	<b>4,112,488</b>	<b>10,894</b>	<b>60.2</b>	<b>3.6</b>	<b>2.4</b>	<b>33.7</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	9,102,742	5,791,814	5,665,386	126,428	98,799	3,202,968	9,161	62.2	1.4	1.1	35.2	74.6	74.4	77.2	28.7	34.0	
Urban communities.....	3,092,153	1,989,234	1,675,819	313,415	191,756	909,520	1,643	54.2	10.1	6.2	29.4	25.4	25.6	22.8	71.3	66.0	
Cities of 2,500 to 10,000..	763,031	486,473	460,255	26,218	20,765	255,571	222	60.3	3.4	2.7	33.5	6.3	6.3	6.3	6.0	7.1	
Cities of 10,000 to 25,000..	444,714	294,847	269,502	25,345	14,535	135,296	126	60.6	5.7	3.3	30.4	3.6	3.8	3.7	5.8	5.0	
Cities of 25,000 to 100,000.	712,387	424,548	356,760	67,788	46,567	240,913	359	50.1	9.5	6.5	33.8	5.8	5.5	4.9	15.4	16.0	
Cities of 100,000 to 500,000.	613,536	387,022	327,828	59,194	32,846	193,081	587	53.4	9.6	5.4	31.5	5.0	5.0	4.5	13.5	11.3	
Cities of 500,000 and over.	558,485	396,344	261,474	134,870	77,043	84,749	349	46.8	24.1	13.8	15.2	4.6	5.1	3.6	30.7	26.5	
<b>East South Central.</b>	<b>8,409,901</b>	<b>5,667,469</b>	<b>5,452,492</b>	<b>214,977</b>	<b>86,857</b>	<b>2,652,513</b>	<b>3,062</b>	<b>64.8</b>	<b>2.6</b>	<b>1.0</b>	<b>31.5</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	6,835,672	4,660,661	4,595,666	64,995	28,925	2,143,416	2,670	67.2	1.0	0.4	31.4	81.3	82.2	84.3	30.2	33.3	
Urban communities.....	1,574,229	1,006,808	856,826	149,982	57,932	509,097	392	54.4	9.5	3.7	32.3	18.7	17.8	15.7	69.8	66.7	
Cities of 2,500 to 10,000..	466,498	300,220	279,454	20,766	7,827	158,278	173	59.9	4.5	1.7	33.9	5.5	5.3	5.1	9.7	9	



The native whites of native parentage constituted hardly more than two-fifths of the urban population, but over three-fifths of the rural. It should be noted that the negro population is mainly in the South, where there are comparatively few very large cities.

The conditions in the New England and Middle Atlantic divisions are especially noteworthy. Only about one-third (33.9 and 34.4 per cent, respectively) of the urban population of these divisions in 1910 consisted of native whites of native parentage, while over two-thirds of the rural population (69.8 per cent and 67 per cent, respectively) were of that class. Broadly speaking, of the urban population of these divisions, almost one-third were foreign-born whites, fully one-third (including persons of mixed parentage) were children of foreign-born whites, and one-third were native whites of native parentage.

In the South, where the total number of foreign-born whites and of native whites of foreign or mixed parentage is small, these classes constituted a very much larger proportion of the urban than of the rural population. In the South Atlantic division, for example, native whites of foreign or mixed parentage and foreign-born whites in 1910 constituted 10.1 and 6.2 per cent, respectively, of the urban population but only 1.4 and 1.1 per cent, respectively, of the rural population.

In the South as a whole, the proportion of negroes in urban communities was about the same as the proportion in rural communities, though in the South Atlantic division negroes in 1910 formed 29.4 per cent of the urban and 35.2 per cent of the rural population. On the other hand, in the East South Central division the corresponding proportions were 32.3 and 31.4 per cent, respectively; and in the West South Central division, 22.3 per cent and 22.7 per cent.

Table 18 shows also the race and nativity composition of the population for classes of cities. In general, the relative numerical importance of the native whites of native parentage declines as the size of the cities increases. Of the aggregate population in 1910 of the eight cities of the United States having more than 500,000 inhabitants, only 25.6 per cent were native whites of native parentage, 37.2 per cent being native whites of foreign or mixed parentage and 33.6 per cent foreign-born whites. The percentage of native whites of native parentage, which, as previously noted, was 64.1 in rural communities, falls off to 57.5 in the class of cities having 2,500 to 10,000 inhabitants, then to 50.4 in the cities of 10,000 to 25,000, to 45.9 in the cities of 25,000 to 100,000, to 38.9 in the cities of 100,000 to 500,000, and finally to 25.6 in the cities of over 500,000.

The differences among the several classes of population with respect to their distribution between urban and rural communities are further brought out by the percentages in the last five columns of Table 18. Of the total population of the country in 1910, 46.3 per cent resided in urban communities, but

of the native whites of native parentage only 36.1 per cent lived in such communities, while of the native whites of foreign or mixed parentage 65.3 per cent and of the foreign-born whites no less than 72.2 per cent were in urban communities. The proportions urban and rural in the total population vary greatly from division to division and the percentages for each of the four color or race, nativity, and parentage groups vary accordingly. In 1910, in New England, where the proportion of urban population is higher than in any other division (partly because of the classification as urban of all New England towns of over 2,500 inhabitants), 70.7 per cent of the native whites of native parentage, 90.9 per cent of the native whites of foreign or mixed parentage, 92.4 per cent of the foreign-born whites, and 91.8 per cent of the negroes lived in urban communities. In the Middle Atlantic division 55.8 per cent of the native whites of native parentage, 82.4 per cent of the native whites of foreign or mixed parentage, 83.9 per cent of the foreign-born whites, and 81.2 per cent of the negroes were in urban communities. On the other hand, in the East South Central division, where the proportion of urban population as a whole was lowest, 15.7 per cent of the native whites of native parentage, 69.8 per cent of the native whites of foreign or mixed parentage, 66.7 per cent of the foreign-born whites, and 19.2 per cent of the negroes lived in urban communities. In each of the divisions of the North and West the percentage of negroes who lived in urban communities was materially higher than the percentage of native whites of native parentage who lived in such communities, showing that the negroes who have migrated from the South have, to a large extent, gone to the cities.

#### PRINCIPAL CITIES.

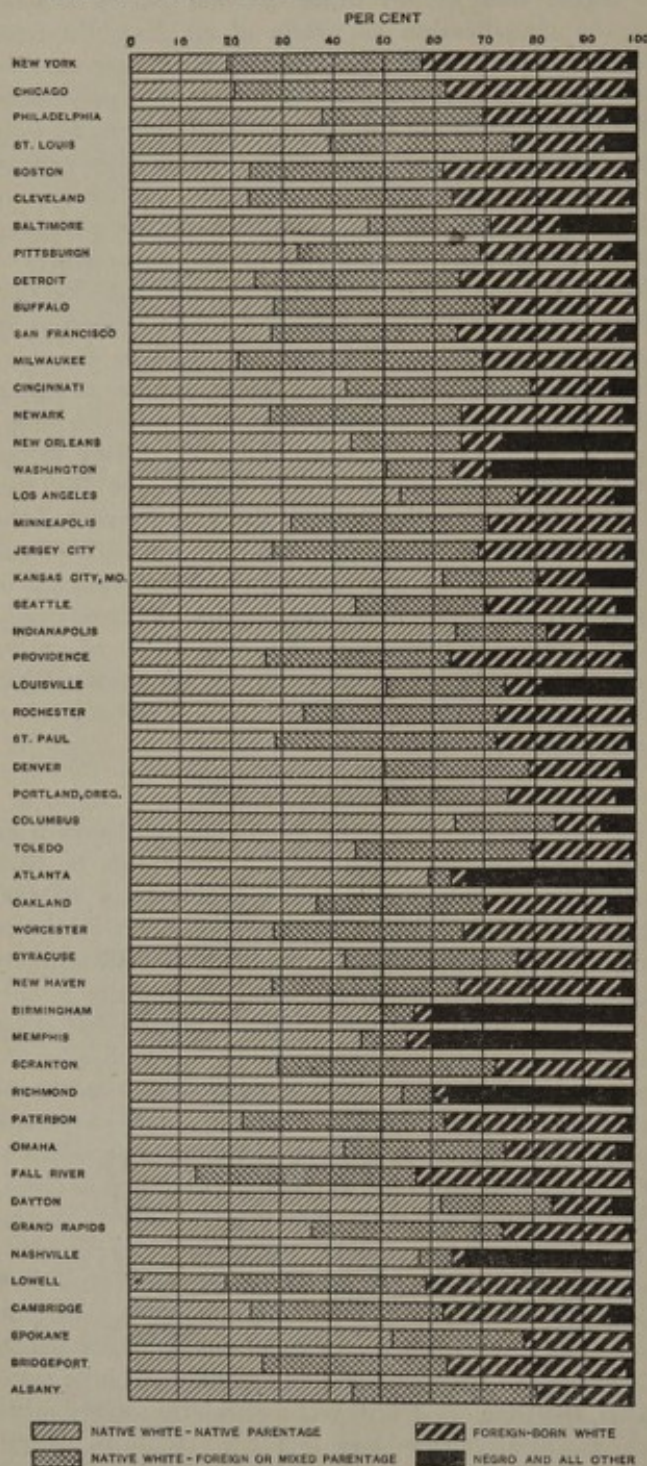
Table 19 on a subsequent page classifies by color or race, nativity, and parentage the population in 1910 and 1900 of the 50 cities having more than 100,000 inhabitants, and Table 20 presents similar statistics in 1910 for cities having from 25,000 to 100,000 inhabitants. The distribution for the larger cities is also shown graphically in the diagram on the following page.

In only 14 of the 50 cities having over 100,000 inhabitants in 1910 did native whites of native parentage constitute as much as one-half of the total population. The proportion exceeded three-fifths in only four cities, three of them being in the East North Central division (Indianapolis, 64.5 per cent; Columbus, 64.4 per cent; and Dayton, 62 per cent) and one in the West North Central (Kansas City, Mo., 61.9 per cent). On the other hand, in 22 of the cities of this class, of which 15 are in the New England and Middle Atlantic divisions, less than one-third of the population were native whites of native parentage, over two-thirds in all but one of these cities consisting of foreign-born whites and their children. In Fall River only 13.3 per cent of the



population were native whites of native parentage. In 10 cities of 100,000 inhabitants or over the population was more than one-third foreign-born white, namely, Fall River (42.6 per cent), Lowell (40.9 per cent), New York (40.4 per cent), Paterson (36.1 per cent), Boston (35.9 per cent), Chicago (35.7 per cent), Bridgeport (35.5 per cent), Cleveland (34.9 per cent), Providence (34 per cent), and Detroit (33.6 per cent).

COLOR OR RACE, NATIVITY, AND PARENTAGE IN CITIES HAVING 100,000 INHABITANTS OR MORE: 1910.



The proportion of foreign-born whites was low in all of the southern cities. Among the northern cities it was lowest in Indianapolis (8.5 per cent) and Columbus (9 per cent). In many of the 50 cities the proportion of native whites of foreign or mixed parentage was nearly the same as the proportion of foreign-born whites. The native whites of foreign or mixed parentage were relatively most numerous in Milwaukee (48.8 per cent) and Fall River (43.7 per cent).

During the decade 1900-1910 the foreign-born white population in New York City advanced from 1,260,918 to 1,927,703, an increase of 666,785, while native whites of native parentage increased only 183,841. In 1910 only 19.3 per cent of the city's population consisted of native whites of native parentage. Of the total population of the United States approximately one-twentieth is domiciled in New York City; of the native whites of native parentage, one-fiftieth; of the native whites of foreign or mixed parentage, one-tenth; and of the foreign-born whites, one-seventh.

Among the larger cities the proportion of negroes in 1910 was highest in Memphis (40 per cent), followed by Birmingham (39.4), Richmond (36.6), Atlanta (33.5), Nashville (33.1), Washington (28.5), New Orleans (26.3), Louisville (18.1), and Baltimore (15.2). In no other city of over 100,000 inhabitants did the negro element amount to one-tenth of the population.

Table 20 gives statistics for the 179 cities having from 25,000 to 100,000 inhabitants in 1910. Among them there are only 41 in which the native whites of native parentage exceeded three-fifths of the total population in 1910. None of these are in the New England states, and only one is in New York. Cities in which as many as three-fourths of the total population in 1910 were native whites of native parentage are Huntington, W. Va. (87.6 per cent); Joplin, Mo. (86.6 per cent); York, Pa. (86 per cent); Springfield, Mo. (81.5 per cent); Reading, Pa. (77.8 per cent); Wichita, Kans. (77.7 per cent); Harrisburg, Pa. (77.2 per cent); Lima, Ohio (76.9 per cent); Lancaster, Pa. (75.4 per cent); and Newark, Ohio (75.1 per cent). There are 45 cities of this class where the proportion of native whites of native parentage was less than one-third. The percentage was very low in Lawrence, Mass. (13.6), Passaic, N. J. (13.8), and Woonsocket, R. I. (15).

Among the 179 cities considered there are 27 in which the foreign-born whites exceeded one-third of the total population. A majority of these cities (14) are in the New England states, 9 are in the Middle Atlantic division, and only 4 (Duluth, Minn.; Lorain, Ohio; El Paso, Tex.; and Superior, Wis.) are in other divisions. The maximum percentage of foreign-born whites was found in Passaic, N. J., where they formed more than one-half of the population in 1910 (52 per cent).



# COLOR OR RACE, NATIVITY, AND PARENTAGE.

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COLOR OR RACE, NATIVITY, AND PARENTAGE IN CITIES OF 100,000 INHABITANTS OR MORE: 1910 AND 1900.

Table 19		NATIVE WHITE.								FOREIGN-BORN WHITE.		NEGRO.		Indian, Chinese, Japanese, and all other: 1910	PER CENT OF TOTAL POPULATION: 1910			
CITY.	Total population: 1910	Native parentage.		Foreign or mixed parentage.											Native white.		For- eign- born white.	Negro.
		1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	Native parent- age.	For. or mixed par.					
Albany, N. Y.	100,253	44,473	38,431	36,533	36,842	18,165	17,689	1,037	1,178	45	44.4	36.4	18.1	1.0				
Atlanta, Ga.	154,839	91,987	47,146	6,464	4,486	4,410	2,458	51,902	35,727	76	59.4	4.2	2.8	33.5				
Baltimore, Md.	558,485	261,474	236,053	134,870	125,225	77,043	67,940	84,749	79,258	349	46.8	24.1	13.8	15.2				
Birmingham, Ala.	132,685	66,312	17,186	8,357	2,885	5,700	1,761	52,305	16,575	11	50.0	6.3	4.3	39.4				
Boston, Mass.	670,585	157,870	146,193	257,104	206,937	240,722	194,953	13,564	11,591	1,325	23.5	38.3	35.9	2.0				
Bridgeport, Conn.	102,054	27,156	21,885	37,314	25,093	36,180	22,197	1,332	1,149	72	26.6	36.6	35.5	1.3				
Buffalo, N. Y.	423,715	119,692	90,860	183,673	155,716	118,444	104,010	1,773	1,098	133	28.2	43.3	28.0	0.4				
Cambridge, Mass.	104,839	25,615	25,220	39,794	32,731	34,608	29,924	4,707	3,888	115	24.4	38.0	33.0	4.5				
Chicago, Ill.	2,185,283	445,139	354,379	912,701	727,341	781,217	585,420	44,103	30,150	2,123	20.4	41.8	35.7	2.0				
Cincinnati, Ohio	363,591	154,937	113,700	132,190	139,817	56,792	57,887	19,639	14,482	33	42.6	36.4	15.6	5.4				
Cleveland, Ohio.	560,663	132,314	87,740	223,908	163,570	195,703	124,354	8,445	5,988	290	23.6	39.9	34.9	1.5				
Columbus, Ohio.	181,511	116,846	75,036	35,578	30,007	16,285	12,292	12,739	8,201	63	64.4	19.6	9.0	7.0				
Dayton, Ohio	116,577	72,301	48,332	25,559	23,567	13,847	10,024	4,842	3,387	28	62.0	21.9	11.9	4.2				
Denver, Colo.	213,381	106,945	66,810	61,185	37,837	38,941	24,962	5,426	3,923	884	50.1	28.7	18.2	2.5				
Detroit, Mich.	465,766	115,106	61,309	188,255	124,215	156,565	96,051	5,741	4,111	99	24.7	40.4	33.6	1.2				
Fall River, Mass.	119,295	15,858	14,300	52,125	40,197	59,874	49,961	355	324	83	13.3	43.7	42.6	0.3				
Grand Rapids, Mich.	112,571	40,777	29,634	42,767	33,460	28,335	23,858	665	604	27	36.2	38.0	25.2	0.6				
Indianapolis, Ind.	233,650	150,593	97,772	41,420	38,359	19,767	17,070	21,816	15,931	54	64.5	17.7	8.5	9.3				
Jersey City, N. J.	267,779	74,861	57,197	109,101	87,152	77,697	58,161	5,960	3,704	160	28.0	40.7	29.0	2.2				
Kansas City, Mo.	248,381	153,717	94,377	45,633	33,426	25,327	18,287	23,566	17,567	138	61.9	18.4	10.2	9.5				
Los Angeles, Cal.	319,198	160,967	54,060	74,756	26,105	60,584	17,917	7,599	2,131	6,292	53.2	23.4	19.0	2.4				
Louisville, Ky.	223,928	113,543	88,449	52,411	55,744	17,436	21,397	40,522	39,139	16	50.7	23.4	7.8	18.1				
Lowell, Mass.	106,294	20,703	20,828	41,942	33,031	43,457	40,915	133	136	59	19.5	39.5	40.9	0.1				
Memphis, Tenn.	131,105	59,985	36,556	12,138	10,755	6,467	5,069	52,441	49,910	74	45.8	9.3	4.9	40.0				
Milwaukee, Wis.	373,857	78,823	48,598	182,550	146,885	111,456	88,948	980	862	68	21.1	48.8	29.8	0.3				
Minneapolis, Minn.	301,408	90,186	61,269	116,548	78,861	85,938	60,083	2,592	1,548	144	31.9	38.7	28.5	0.9				
Nashville, Tenn.	110,364	63,687	40,620	7,151	7,174	2,993	3,002	36,523	30,044	10	57.7	6.5	2.7	33.1				
New Haven, Conn.	133,605	37,726	36,385	49,434	37,999	42,784	39,654	3,561	2,887	100	28.2	37.0	32.0	2.7				
New Orleans, La.	339,075	147,473	103,186	74,244	76,191	27,686	29,569	89,262	77,714	410	43.5	21.9	8.2	26.3				
New York, N. Y.	4,766,883	921,318	737,477	1,820,141	1,371,503	1,927,703	1,260,918	91,709	60,666	6,012	19.3	38.2	40.4	1.9				
Manhattan Borough.	2,331,542	344,551	312,507	818,808	715,947	1,104,019	782,714	60,434	36,246	4,430	14.8	35.1	47.4	2.6				
Bronx Borough.	430,980	92,569	50,253	185,146	86,432	148,935	61,258	4,117	2,370	213	21.5	43.0	34.0	1.0				
Brooklyn Borough.	1,634,351	375,548	310,601	663,583	482,638	671,356	355,760	22,708	18,367	1,156	25.0	40.6	35.0	1.4				
Queens Borough.	284,041	80,607	41,658	180,969	63,962	79,115	44,615	5,198	2,611	152	28.4	42.6	27.9	1.1				
Richmond Borough.	85,969	28,243	22,778	32,835	24,504	24,278	18,581	1,152	1,072	61	32.9	37.3	28.2	1.3				
Newark, N. J.	347,469	94,737	71,552	132,350	96,506	110,655	71,050	9,475	6,694	252	27.3	38.1	31.8	2.7				
Oakland, Cal.	150,174	55,198	24,790	49,936	23,775	36,822	16,223	3,055	1,026	5,163	36.8	33.3	24.5	2.0				
Omaha, Nebr.	124,096	52,917	42,752	39,595	32,828	27,068	23,429	4,426	3,443	90	42.6	31.9	21.8	3.6				
Paterson, N. J.	125,600	28,392	23,897	50,179	41,296	45,398	38,666	1,539	1,182	92	22.6	40.0	36.1	1.2				
Philadelphia, Pa.	1,549,008	584,008	521,911	496,785	414,093	382,578	293,669	84,459	62,613	1,178	37.7	32.1	24.7	5.5				
Pittsburgh, Pa.	533,905	176,089	147,296	191,483	168,832	140,436	114,845	25,623	20,355	274	33.0	35.9	26.3	4.8				
Portland, Oreg.	207,214	104,163	38,170	51,009	24,710	43,780	17,734	1,045	775	7,217	50.3	24.6	21.1	0.5				
Providence, R. I.	224,326	59,966	54,423	82,354	60,775	76,303	55,310	5,316	4,817	387	26.7	36.7	34.0	2.4				
Richmond, Va.	127,628	69,130	43,860	7,664	6,104	4,085	2,834	46,733	32,230	16	54.2	6.0	3.2	36.6				
Rochester, N. Y.	218,149	74,525	52,478	83,687	68,798	58,963	40,718	879	601	65	34.2	38.4	27.0	0.4				
St. Louis, Mo.	687,029	269,836	189,249	246,946	239,170	125,706	110,966	43,960	35,516	581	39.3	35.9	18.3	6.4				
St. Paul, Minn.	214,744	61,594	42,454	93,398	71,562	56,524	46,748	3,144	2,263	84	28.7	43.5	26.3	1.5				
San Francisco, Cal.	416,912	115,359	83,558	153,781	137,556	130,874	104,264	1,642	1,654	15,256	27.7	36.9	31.4	0.4				
Scranton, Pa.	129,867	38,745	27,299	55,431	45,229	35,112	28,959	567	521	12	29.8	42.7	27.0	0.4				
Seattle, Wash.	237,194	105,784	38,810	61,134	19,349	60,835	18,656	2,296	406	7,145	44.6	25.8	25.6	1.0				
Spokane, Wash.	104,402	54,574	18,756	27,277	9,883	21,220	7,462	723	376	608	52.3	26.1	20.3	0.7				
Syracuse, N. Y.	137,249	58,408	43,817	46,912	39,787	30,781	23,705	1,124	1,034	24	42.6	34.2	22.4	0.8				
Toledo, Ohio.	168,497	75,147	52,222	59,383	50,128	32,037	27,729	1,877	1,710	53	44.6	35.2	19.0	1.1				
Washington, D. C.	331,009	166,711	134,073	45,066	37,939	24,351	19,520	94,446	86,702	495	50.4	13.6	7.4	28.5				
Worcester, Mass.	145,986	41,421	37,261	54,751	42,417	48,492	37,528	1,241	1,104	81	28.4	37.5	33.2	0.9				

\* Includes population of Allegheny for 1900.

COLOR OR RACE, NATIVITY, AND PARENTAGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

Table 20  CITY.		Total popu- lation.	NATIVE WHITE.				FOREIGN- BORN WHITE.		NEGRO.		Ind., Chi., Jap., and all other.	CITY.	Total popu- lation.	NATIVE WHITE.				FOREIGN- BORN WHITE.		NEGRO.		Ind., Chi., Jap., and all other.			
			Native parentage.		Foreign or mixed par.									Native parentage.		Foreign or mixed par.									
			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.				Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.				
Alabama												Connecticut													
Mobile.....	51,521	20,944	40.7	5,585	10.8	2,208	4.3	22,763	44.2	21		Hartford.....	98,915	31,011	31.4	34,824	35.2	31,243	31.6	1,745	1.8			92	
Montgomery....	38,136	16,708	43.8	1,390	3.6	704	1.8	19,322	50.7	12		Meriden town....	32,066	8,704	27.1	13,827	43.1	9,390	29.3	133	0.4			12	
Arkansas												Meriden city....	27,285	7,372	27.0	11,715	43.0	8,035	29.5	153	0.5			18	
Little Rock.....	45,941	24,810	54.0	4,602	10.0	1,973	4.3	14,539	31.6	17		New Britain.....	43,916	8,755	19.9	17,037	38.8	18,015	41.0	94	0.2			15	
California												Norwich town....	28,219	8,780	31.1	10,380	36.8	8,405	29.8	627	2.2			27	
Berkeley.....	40,434	19,479	48.2	11,863	29.3	7,653	18.9	247	0.6	1,192		Stamford town....	28,836	10,064	34.9	9,530	33.0	8,872	30.8	343	1.2			27	
Pasadena.....	30,291	19,028	62.8	5,807	19.4	4,297	14.2	744	2.5	357		Stamford city....	25,188	8,069	32.2	8,612	34.3	8,069	32.1	832	3.3			26	
Sacramento.....	44,096	19,821	44.3	12,999	29.1	8,885	19.9	486	1.1	2,505		Waterbury.....	73,141	18,238	24.9	28,590	39.1	25,498	34.9	775	1.1			40	
San Diego.....	39,578	22,550	57.0	8,549	21.6	7,366	18.6	597	1.5	516		Delaware													
San Jose.....	28,946	13,174	45.5	9,061	31.3	5,817	20.1	182	0.6	712		Wilmington.....	87,411	44,937	51.4	19,694	22.5	13,678	15.6	9,081	10.4			21	
Colorado												Florida													
Colorado Springs	29,078	19,605	67.4	5,350	18.4	2,981	10.3	1,107	3.8	35		Jacksonville.....	57,699	22,628	39.2	3,213	5.6	2,488	4.3	29,293	50.8			77	
Pueblo.....	44,395	24,584	55.4	9,773	22.0	8,331	18.8	1,498	3.4	209		Tampa.....	37,782	12,037	31.9	6,857	18.1	9,890	26.2	8,951	23.7			41	







# CLASSIFICATION OF POPULATION BY SEX.

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## CLASSIFICATION OF THE POPULATION BY SEX.

### UNITED STATES AS A WHOLE.

**General summary: 1910 and 1900.**—Table 21 gives for the United States the sex distribution of the total population and of each of the principal color or race, nativity, and parentage classes in 1910 and 1900.

CLASS OF POPULATION.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
<b>Total population.</b>	<b>47,332,277</b>	<b>44,639,989</b>	<b>106.0</b>	<b>38,816,448</b>	<b>37,178,127</b>	<b>104.4</b>
White.....	42,178,245	39,553,712	106.6	34,201,735	32,607,461	104.9
Negro.....	4,885,881	4,941,882	98.9	4,386,547	4,447,447	98.6
Other colored races:						
Indian.....	135,133	130,550	103.5	119,484	117,712	101.5
Chinese.....	66,856	4,675	1,430.1	85,341	4,522	1,887.2
Japanese.....	63,070	9,087	694.1	23,341	985	2,369.6
All other.....	3,092	83	( <sup>1</sup> )			
<b>Total white.....</b>	<b>42,178,245</b>	<b>39,553,712</b>	<b>106.6</b>	<b>34,201,735</b>	<b>32,607,461</b>	<b>104.9</b>
Native.....	34,654,457	33,731,955	102.7	28,686,450	27,908,929	102.8
Native parentage..	25,229,218	24,259,357	104.0	20,849,847	20,099,515	103.7
Foreign parentage..	6,456,793	6,459,518	100.0	5,341,350	5,290,930	101.0
Mixed parentage..	2,968,446	3,013,080	98.5	2,495,253	2,518,484	99.1
Foreign born.....	7,523,788	5,821,757	129.2	5,515,281	4,098,532	117.4

<sup>1</sup> Ratio not shown, the number of females being less than 100.

There were in the United States in 1910, 47,332,277 males and 44,639,989 females, or 106 males to each 100 females. In most European countries females outnumber males, the number of males to 100 females, according to recent censuses, being 93.7 in England and Wales, 96.7 in France, 97.4 in the German Empire, 97 in Switzerland, 99 in Italy, 96.5 in Austria, 99.1 in Hungary, and 98.9 in Russia.

The excess of males in the United States is partly due to extensive immigration, a much larger proportion of the immigrants being males than females. In the native white population of the United States, however, there is also an excess of males over females. The number of males in this class in 1910 was 34,654,457 and the number of females 33,731,955, the ratio being 102.7 males to each 100 females.

Considerable differences in sex distribution appear among the several classes of population in the United States. There is a great excess of males in the Chinese and Japanese population, and among the foreign-born whites in 1910 there were 129.2 males to 100 females. The variations in sex distribution among the several native groups—the negroes, the Indians (these two classes being practically all native), and the three parentage groups of native whites—are not easily explained. They may in some degree reflect variations in the ratio between male and female births combined with differences in the death rates, particularly of young children, in the respective groups. Among the native whites of native parentage in 1910 there were 104 males to 100 females, but among those of foreign parentage there was an almost exact equality of the sexes. Among native whites of mixed parentage the females outnumbered the males,

and this was also the case among the negroes, the ratio for the negroes being 98.9 males to 100 females. Among the Indians the males were in the majority.

Males increased more rapidly than females in the United States from 1900 to 1910. The former increased from 38,816,448 to 47,332,277, an increase of 8,515,829, or 21.9 per cent; the latter from 37,178,127 to 44,639,989, an increase of 7,461,862, or 20.1 per cent. There were 106 males to 100 females in 1910 as compared with 104.4 in 1900. The increasing predominance of males among immigrants largely accounts for this difference in the rate of increase of the two sexes. Little change occurred in the sex ratio for the native population, but among the foreign-born whites the ratio increased from 117.4 males to 100 females in 1900 to 129.2 in 1910.

**Comparison with earlier censuses.**—Table 22 shows, for each census from 1820 to 1910, the number of males and females in the total population, and the ratio of males to females for the total population, and for the whites and negroes separately; and also, for each census from 1850 to 1910, the ratio for the native whites and the foreign-born whites.

CENSUS YEAR.	POPULATION.		MALES TO 100 FEMALES.				
	Male.	Female.	Total population.	White.			Negro.
				Total.	Native.	Foreign born.	
1910.....	47,332,277	44,639,989	106.0	106.6	102.7	129.2	98.9
1900.....	38,816,448	37,178,127	104.4	104.9	102.8	117.4	98.6
1890.....	32,237,101	30,710,613	105.0	105.4	102.9	118.7	99.5
1880.....	25,518,820	24,636,963	103.6	104.0	102.1	115.9	97.8
1870.....	19,493,565	19,064,806	102.2	102.8	100.6	115.3	96.2
1860.....	16,083,204	15,358,117	104.7	105.3	103.7	115.1	99.6
1850.....	11,837,660	11,754,216	104.3	105.2	103.1	123.8	99.1
1840.....	8,688,532	8,380,921	103.7	104.5	.....	.....	99.5
1830.....	6,532,489	6,333,531	103.1	103.8	.....	.....	100.3
1820.....	4,896,605	4,741,848	103.3	103.2	.....	.....	103.4

The sex ratio of the total population, while it has not varied greatly since 1820, reveals a tendency to an increasing preponderance of males, largely accounted for, no doubt, by increasing immigration. The rather marked decline in the ratio of males to females revealed by the census of 1870 probably reflects the effects of the Civil War. The decline between 1890 and 1900 is attributable to the check to immigration consequent upon the financial crisis of 1893. On the other hand, the enormous immigration between 1900 and 1910 resulted in a relative excess of males in 1910 greater than recorded by any previous census. The excess of males over females has, at every census since 1830, been confined to the whites, there being a slight excess of females over males in the negro population. The sex of the negro population was not reported prior to 1820. For the whites the number of males to 100 females in 1790 was 103.8, and both in 1800 and 1810 it was 104.

There has been little variation in the ratio of males to females in the native white population since 1880,



but the ratio in 1870—100.6 males to 100 females—was appreciably lower than at the subsequent censuses. Among foreign-born whites the ratio of males to females was higher in 1910 than at any of the preceding censuses for which figures are available.

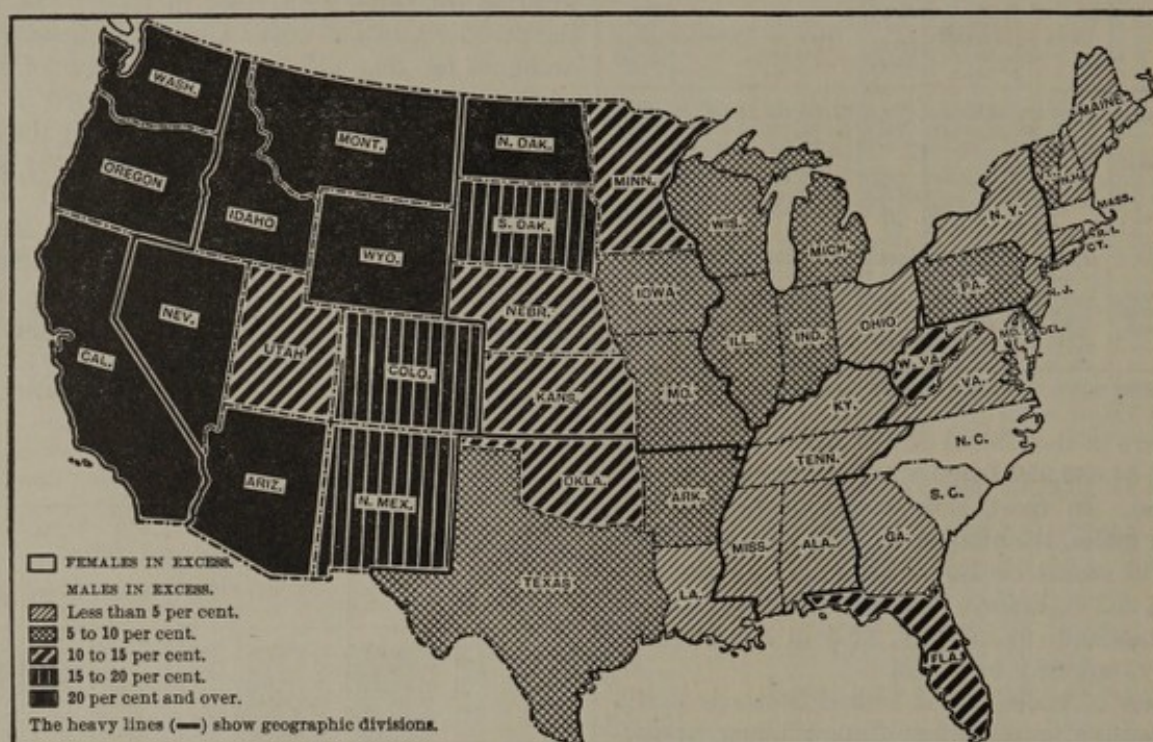
#### DIVISIONS AND STATES.

The population of each geographic division for the principal color or race, nativity, and parentage elements, in 1910 and 1900, is classified by sex

in Table 23. Similar data for each state are given in Tables 25 and 26 on subsequent pages, except that the 1900 figures are given only for the aggregate and for the foreign-born white population, the latter being the only large class in which there has been a material change in sex distribution since 1900.

The accompanying map shows graphically the differences among the states in the ratio of males to females in the total population for 1910.

RATIO OF MALES TO FEMALES IN THE TOTAL POPULATION: 1910.



The preponderance of males in the aggregate population in 1910 was most marked in the Pacific and Mountain divisions, with ratios, respectively, of 129.5 and 127.9 males to 100 females. The proportion of males was lowest in New England, where there was a slight excess of females over males, and in the South Atlantic and East South Central divisions. Except in the East South Central division, where the ratio of males to females was the same in 1900 as in 1910, and in the Mountain division, where it decreased slightly (from 128 to 127.9), the proportion of males in each division was greater in 1910 than in 1900. The proportion of males increased in every state east of the Mississippi except in Kentucky and Tennessee, where the changes were insignificant. West of the Mississippi the proportion increased in 9 states, decreased in 12 states, and remained unchanged in 1 state.

The sex distribution of the total population in any state is more or less affected by immigration from foreign countries and by migratory movements from or to other states. The ratio of males to females among

the native whites of native parentage is considerably affected by interstate migration. In general, men are more apt to migrate than women. As in the case of the aggregate population, the excess of males among native whites of native parentage was greatest in the Mountain and Pacific divisions, which have grown rapidly through migration from farther east, the ratios in 1910 being, respectively, 119.8 and 117.4 males to 100 females. In two of the eastern divisions, the New England and Middle Atlantic, there was an excess of females over males in this class. The number of males to 100 females in 1910 in the District of Columbia was lower than in any of the states. Among the states it was lowest in Massachusetts (95.2) and highest in Nevada (161.3), Wyoming (151.8), Montana (139.6), and Arizona (135).

In every division, and in every state except Massachusetts, Virginia, Arkansas, Oklahoma, and New Mexico, the proportion of males among the native whites of foreign or mixed parentage was lower than it was among the native whites of native parentage. In



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each of the five divisions east of the Mississippi the males in the former class were outnumbered by the females. The lowest ratio shown for any division was that for the East South Central, 94.5 males to 100 females.

Table 23 DIVISION AND CLASS OF POPULATION.	1910			1900		
	Male.	Female.	Males to 100 fe- males.	Male.	Female.	Males to 100 fe- males.
<b>UNITED STATES.</b>						
Total.....	47,332,277	44,639,989	106.0	38,816,448	37,178,127	104.4
Native white.....	34,654,457	33,731,955	102.7	28,686,450	27,908,929	102.8
Native parentage.....	25,229,218	24,259,357	104.0	20,849,847	20,099,515	103.7
Foreign or mixed par.....	9,425,239	9,472,598	99.5	7,836,603	7,809,414	100.3
Foreign-born white.....	7,523,788	5,821,757	129.2	5,515,285	4,698,532	117.4
Negro.....	4,885,881	4,941,882	98.9	4,386,547	4,447,447	98.6
<b>New England</b>						
Total.....	3,265,114	3,287,567	99.3	2,763,796	2,828,221	97.7
Native white.....	2,299,269	2,366,859	97.1	2,020,861	2,069,280	97.7
Native parentage.....	1,293,890	1,319,329	98.1	1,243,718	1,267,392	98.1
Foreign or mixed par.....	1,005,379	1,047,330	96.0	777,143	801,901	96.9
Foreign-born white.....	928,337	886,049	104.8	709,260	727,612	97.5
Negro.....	32,783	33,523	97.8	28,579	30,520	93.6
<b>Middle Atlantic</b>						
Total.....	9,813,266	9,502,626	103.3	7,761,081	7,693,597	100.9
Native white.....	6,954,755	7,099,518	98.0	5,838,471	5,950,275	98.5
Native parentage.....	4,208,191	4,254,770	98.9	3,687,384	3,719,195	99.1
Foreign or mixed par.....	2,746,364	2,844,748	96.5	2,171,087	2,231,080	97.3
Foreign-born white.....	2,641,993	2,184,586	120.9	1,728,492	1,573,624	109.8
Negro.....	203,466	214,404	94.9	159,711	166,210	96.1
<b>East North Central</b>						
Total.....	9,392,839	8,857,782	106.0	8,177,308	7,808,273	104.7
Native white.....	7,482,146	7,378,256	101.4	6,612,063	6,477,093	102.1
Native parentage.....	4,945,547	4,806,421	102.9	4,311,913	4,176,103	103.3
Foreign or mixed par.....	2,536,599	2,571,835	98.6	2,300,150	2,301,590	99.9
Foreign-born white.....	1,741,015	1,326,205	131.3	1,420,384	1,199,913	118.4
Negro.....	156,431	144,405	108.3	134,445	123,397	109.0
<b>West North Central</b>						
Total.....	6,092,855	5,545,066	109.9	5,412,014	4,935,409	109.7
Native white.....	4,999,117	4,739,273	105.5	4,401,385	4,133,327	106.5
Native parentage.....	3,365,357	3,158,330	106.6	2,933,804	2,727,099	107.6
Foreign or mixed par.....	1,633,760	1,580,943	103.3	1,467,581	1,406,228	104.4
Foreign-born white.....	944,767	688,464	141.3	866,985	664,120	130.5
Negro.....	125,864	116,798	107.8	121,272	116,637	104.0
<b>South Atlantic</b>						
Total.....	6,134,605	6,060,290	101.2	5,222,595	5,220,885	100.0
Native white.....	3,925,706	3,855,342	101.8	3,266,609	3,230,566	101.1
Native parentage.....	3,708,417	3,632,788	102.1	3,073,951	3,033,363	101.3
Foreign or mixed par.....	217,289	222,554	97.6	192,658	197,203	97.7
Foreign-born white.....	172,872	117,683	146.9	115,360	93,523	123.3
Negro.....	2,029,808	2,082,680	97.5	1,835,525	1,893,492	96.9
<b>East South Central</b>						
Total.....	4,245,169	4,164,732	101.9	3,809,646	3,738,091	101.9
Native white.....	2,877,060	2,790,409	103.1	2,514,132	2,441,033	103.0
Native parentage.....	2,772,592	2,679,900	103.5	2,400,720	2,325,054	103.3
Foreign or mixed par.....	104,468	110,509	94.5	113,412	115,979	97.8
Foreign-born white.....	50,542	36,315	139.2	50,706	38,976	130.1
Negro.....	1,315,792	1,336,721	98.4	1,243,082	1,256,804	98.9
<b>West South Central</b>						
Total.....	4,544,505	4,240,029	107.2	3,372,256	3,160,034	106.7
Native white.....	3,307,345	3,065,387	107.9	2,339,975	2,167,089	108.0
Native parentage.....	2,997,129	2,770,320	108.2	2,065,999	1,932,945	108.4
Foreign or mixed par.....	310,216	295,067	105.1	243,976	234,135	104.2
Foreign-born white.....	202,742	146,017	138.8	151,333	112,677	134.3
Negro.....	994,025	990,401	100.4	846,797	847,269	99.9
<b>Mountain</b>						
Total.....	1,478,018	1,155,499	127.9	940,038	734,619	128.0
Native white.....	1,126,126	957,419	117.6	704,452	587,042	120.0
Native parentage.....	799,337	667,294	119.8	471,222	383,879	122.8
Foreign or mixed par.....	326,796	290,125	112.6	233,230	203,163	114.8
Foreign-born white.....	286,022	150,888	189.6	179,990	108,371	166.1
Negro.....	11,766	9,701	121.3	9,104	6,486	140.4
<b>Pacific</b>						
Total.....	2,365,906	1,826,398	129.5	1,357,694	1,058,998	128.2
Native white.....	1,682,933	1,479,492	113.8	968,502	832,620	113.6
Native parentage.....	1,138,765	970,005	117.4	631,136	534,485	118.1
Foreign or mixed par.....	544,168	509,487	106.8	337,366	318,135	106.0
Foreign-born white.....	555,898	305,550	181.9	292,775	179,716	162.9
Negro.....	15,946	13,249	120.4	8,032	6,632	121.1

In the foreign-born white population the number of males to 100 females in 1910 was highest in the Mountain division (189.6), almost as high in the Pacific division (181.9), and lowest in New England (104.8). In the other divisions it ranged from 120.9 in the Middle

Atlantic to 146.9 in the South Atlantic. The highest state ratios were for Nevada (331.4 to 100), Wyoming (287.2), West Virginia (261.8), Montana (238.4), Idaho (227.5), and Oregon (209.9); the lowest was that for Massachusetts (99.5). In every division, and in every state except Virginia, Alabama, Mississippi, and Arkansas, the proportion of males among foreign-born whites was greater in 1910 than it was in 1900.

The negro population in 1910 showed an excess of females in the South Atlantic and East South Central divisions, the two divisions where negroes are most numerous, but a slight excess of males appeared in the West South Central division. Among the other divisions females were in excess in the New England and Middle Atlantic divisions only, the excess of males in the other four divisions being doubtless due to a preponderance of males among negroes migrating from the South.

The sex distribution of the Indian, the Chinese, and the Japanese population in 1910 is shown in Table 24 for the United States and for the states in which these elements are relatively numerous.

Table 24 STATE.	Male.	Female.	Males to 100 females.
<b>INDIAN.</b>			
United States.....	135,133	130,550	103.5
Oklahoma.....	37,690	37,135	101.5
Arizona.....	15,066	14,145	106.4
New Mexico.....	10,420	10,153	102.6
South Dakota.....	9,540	9,597	99.4
California.....	8,356	8,015	104.3
Washington.....	5,487	5,510	99.6
Montana.....	5,384	5,361	100.4
Wisconsin.....	5,231	4,911	106.5
Minnesota.....	4,578	4,475	102.3
Michigan.....	3,968	3,551	111.7
North Carolina.....	3,964	3,887	102.0
North Dakota.....	3,224	3,262	98.8
New York.....	3,075	2,971	103.5
Nevada.....	2,633	2,607	101.0
Oregon.....	2,534	2,556	99.1
Nebraska.....	1,777	1,725	103.0
Idaho.....	1,767	1,721	102.7
Utah.....	1,673	1,450	115.4
Kansas.....	1,394	1,050	132.8
All other states.....	7,382	6,468	114.1
<b>CHINESE.</b>			
United States.....	66,856	4,675	1,430.1
California.....	33,003	3,245	1,017.0
Oregon.....	7,043	320	2,200.9
New York.....	5,065	201	2,519.9
Washington.....	2,519	190	1,325.8
Massachusetts.....	2,518	64	(1)
Illinois.....	2,030	73	(1)
Pennsylvania.....	1,749	35	(1)
Arizona.....	1,242	63	(1)
Montana.....	1,227	58	(1)
New Jersey.....	1,089	50	(1)
All other states.....	9,371	376	2,492.3
<b>JAPANESE.</b>			
United States.....	63,070	9,087	694.1
California.....	35,116	6,240	562.8
Washington.....	11,241	1,688	665.9
Oregon.....	3,124	294	1,062.6
Colorado.....	2,192	108	2,029.6
Utah.....	2,021	89	(1)
Montana.....	1,559	26	(1)
Wyoming.....	1,549	47	(1)
Idaho.....	1,293	70	(1)
New York.....	1,080	167	646.7
All other states.....	3,895	358	1,088.0

1 Ratio not shown, the number of females being less than 100.



## ABSTRACT OF THE CENSUS—POPULATION.

## MALES AND FEMALES, BY STATES: 1910.

Table 25 DIVISION AND STATE.	TOTAL POPULATION.						WHITE: 1910			NEGRO: 1910			INDIAN, CHINESE, JAPANESE, AND ALL OTHER: 1910		
	1910			1900											
	Male.	Female.	Males to 100 fe- males.	Male.	Female.	Males to 100 fe- males.	Male.	Female.	Males to 100 fe- males.	Male.	Female.	Males to 100 fe- males.	Male.	Fe- male.	Males to 100 fe- males.
United States.....	47,332,277	44,639,989	106.0	38,816,448	37,178,127	104.4	42,178,245	39,553,712	106.6	4,885,881	4,941,882	98.9	268,151	144,395	185.7
NEW ENGLAND:															
Maine.....	377,052	365,319	103.2	350,995	343,471	102.2	375,766	364,229	103.2	700	663	105.6	586	427	137.2
New Hampshire.....	216,290	214,282	100.9	205,379	206,209	99.6	215,918	213,988	100.9	288	276	104.3	84	18	( <sup>1</sup> )
Vermont.....	182,568	173,388	105.3	175,138	168,503	103.9	181,372	172,926	104.9	1,173	448	261.8	23	14	( <sup>1</sup> )
Massachusetts.....	1,655,248	1,711,168	96.7	1,367,474	1,437,872	95.1	1,633,487	1,691,439	96.6	18,748	19,307	97.1	3,013	422	714.0
Rhode Island.....	270,314	272,296	99.3	210,516	218,040	96.5	265,242	267,250	99.2	4,645	4,884	95.1	427	162	263.6
Connecticut.....	563,642	551,114	102.3	454,294	454,126	100.0	555,821	543,076	102.3	7,229	7,945	91.0	592	93	( <sup>1</sup> )
MIDDLE ATLANTIC:															
New York.....	4,584,597	4,529,017	101.2	3,614,780	3,654,114	98.9	4,511,327	4,455,518	101.3	64,034	70,157	91.3	9,236	3,342	276.4
New Jersey.....	1,286,463	1,250,704	102.9	941,760	941,909	100.0	1,241,482	1,204,412	103.1	43,602	46,158	94.5	1,379	134	1,029.1
Pennsylvania.....	3,942,206	3,722,905	105.9	3,204,541	3,097,574	103.5	3,843,539	3,624,174	106.1	95,830	98,089	97.7	2,837	642	441.9
EAST NORTH CENTRAL:															
Ohio.....	2,434,758	2,332,363	104.4	2,102,655	2,054,890	102.3	2,376,082	2,278,815	104.3	57,995	53,457	108.5	681	91	( <sup>1</sup> )
Indiana.....	1,383,295	1,317,581	105.0	1,285,404	1,231,058	104.4	1,351,792	1,288,169	104.9	31,044	29,276	106.0	459	136	337.5
Illinois.....	2,911,674	2,726,917	106.8	2,472,782	2,348,768	105.3	2,832,380	2,674,576	106.6	56,909	52,140	109.1	2,379	201	1,183.6
Michigan.....	1,454,534	1,355,639	107.3	1,248,905	1,172,077	106.6	1,441,281	1,343,966	107.2	9,007	8,108	111.1	4,246	3,565	119.1
Wisconsin.....	1,208,578	1,125,282	107.4	1,067,562	1,001,480	106.6	1,201,620	1,118,935	107.4	1,476	1,424	103.7	5,482	4,923	111.4
WEST NORTH CENTRAL:															
Minnesota.....	1,108,511	967,197	114.6	932,490	818,904	113.9	1,090,425	939,802	114.5	4,183	2,901	144.2	4,903	4,494	109.1
Iowa.....	1,148,171	1,076,600	106.6	1,156,849	1,075,004	107.6	1,139,621	1,069,570	106.5	8,120	6,853	118.5	430	177	242.9
Missouri.....	1,687,813	1,605,522	105.1	1,595,710	1,510,955	105.6	1,606,556	1,528,376	105.1	80,489	76,963	104.6	768	183	419.7
North Dakota.....	317,554	259,502	122.4	177,493	141,653	125.3	313,851	256,004	122.6	381	236	161.4	3,322	3,262	101.8
South Dakota.....	317,112	266,776	118.9	216,164	185,406	116.6	306,952	256,819	119.5	468	349	134.1	9,692	9,608	100.9
Nebraska.....	627,782	564,432	111.2	564,592	501,708	112.5	621,042	559,251	111.0	4,259	3,430	124.2	2,481	1,751	141.7
Kansas.....	885,912	805,037	110.0	768,716	701,779	109.5	856,437	777,915	110.1	27,964	26,066	107.3	1,511	1,056	143.1
SOUTH ATLANTIC:															
Delaware.....	103,435	98,887	104.6	94,158	90,577	104.0	87,387	83,715	104.4	16,011	15,170	105.5	37	2	( <sup>1</sup> )
Maryland.....	644,225	651,121	98.9	589,275	598,769	98.4	529,072	533,567	99.2	114,749	117,501	97.7	404	53	( <sup>1</sup> )
Distriet of Columbia.....	158,050	173,019	91.3	132,004	146,714	90.0	115,001	121,127	94.9	42,615	51,831	82.2	434	61	( <sup>1</sup> )
Virginia.....	1,035,348	1,026,264	100.9	925,897	928,287	99.7	704,363	685,446	102.8	330,542	340,554	97.1	443	264	167.8
West Virginia.....	644,044	577,075	111.6	499,242	459,558	108.6	607,326	549,491	110.5	36,607	27,566	132.8	111	18	( <sup>1</sup> )
North Carolina.....	1,098,476	1,107,811	99.2	938,677	955,133	98.3	754,832	745,659	101.2	339,581	358,262	94.8	4,043	3,890	103.9
South Carolina.....	751,842	763,558	98.5	664,895	675,421	98.4	343,544	335,617	102.4	408,078	427,765	95.4	220	176	125.0
Georgia.....	1,305,019	1,304,102	100.1	1,103,201	1,113,130	99.1	724,488	707,314	102.4	580,263	596,724	97.2	268	64	( <sup>1</sup> )
Florida.....	394,166	358,453	110.0	275,246	253,296	108.7	232,545	211,089	110.2	161,362	147,307	109.5	259	57	( <sup>1</sup> )
EAST SOUTH CENTRAL:															
Kentucky.....	1,161,709	1,128,196	103.0	1,090,227	1,056,947	103.1	1,030,033	997,918	103.2	131,492	130,164	101.0	184	114	161.4
Tennessee.....	1,103,491	1,081,298	102.1	1,021,224	999,392	102.2	899,622	841,810	103.3	233,710	239,378	97.6	159	110	144.5
Alabama.....	1,074,209	1,063,884	101.0	916,764	911,933	100.5	625,891	602,941	103.8	447,794	460,488	97.2	524	455	115.2
Mississippi.....	905,760	891,354	101.6	781,451	769,819	101.5	402,056	384,055	104.7	502,796	506,691	99.2	908	608	149.3
WEST SOUTH CENTRAL:															
Arkansas.....	810,026	764,423	106.0	675,312	636,252	106.1	586,420	544,606	107.7	223,323	219,568	101.7	283	249	113.7
Louisiana.....	835,275	821,113	101.7	694,733	686,892	101.1	480,460	460,626	104.3	353,824	360,050	98.3	991	437	226.8
Oklahoma <sup>2</sup> .....	881,578	775,577	113.7	423,311	367,080	115.3	771,770	672,761	114.7	71,937	65,675	109.5	37,871	37,141	102.0
Texas.....	2,017,626	1,878,916	107.4	1,578,900	1,469,810	107.4	1,671,437	1,533,411	109.0	344,941	345,108	100.0	1,248	397	314.4
MOUNTAIN:															
Montana.....	226,872	149,181	152.1	149,842	93,487	160.3	217,620	142,960	152.2	1,058	776	136.3	8,194	5,445	150.5
Idaho.....	185,546	140,048	132.5	93,367	68,405	136.5	181,237	137,984	131.3	398	253	157.3	3,911	1,811	216.0
Wyoming.....	91,670	54,295	168.8	58,184	34,347	169.4	87,497	52,821	165.6	1,544	691	223.4	2,629	783	335.8
Colorado.....	430,697	368,327	116.9	295,332	244,368	120.9	421,471	361,944	116.4	5,867	5,586	105.0	3,359	797	421.5
New Mexico.....	175,245	152,056	115.3	104,228	91,082	114.4	163,442	141,152	115.8	891	737	120.9	10,912	10,167	107.3
Arizona.....	118,574	85,780	138.2	71,795	51,136	140.4	100,871	70,597	142.9	1,054	955	110.4	16,649	14,228	117.0
Utah.....	196,863	176,488	111.5	141,687	135,062	104.9	192,118	174,465	110.1	691	453	152.5	4,054	1,570	258.2
Nevada.....	52,551	29,324	179.2	25,603	16,732	153.0	47,892	26,384	181.5	263	250	105.2	4,396	2,690	163.4
PACIFIC:															
Washington.....	658,663	483,327	136.3	304,178	213,925	142.2	635,496	473,615	134.2	3,736	2,322	160.9	19,431	7,390	262.9
Oregon.....	384,265	288,500	133.2	232,985	180,551	129.0	370,345	284,745	130.1	907	585	155.0	13,013	3,170	410.5
California.....	1,322,978	1,054,571	125.5	820,531	664,522	123.5	1,232,990	1,026,682	120.1	11,303	10,342	109.3	78,685	17,547	448.4

<sup>1</sup> Ratio not shown, the number of females being less than 100.<sup>2</sup> Includes population of Indian Territory for 1900.



# CLASSIFICATION OF POPULATION BY SEX.

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WHITE MALES AND FEMALES, BY STATES: 1910.

Table 26 DIVISION AND STATE.	NATIVE WHITE: 1910									FOREIGN-BORN WHITE.					
	Total.			Native parentage.			Foreign or mixed parentage.			1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
United States..	34,654,457	33,731,955	102.7	25,229,218	24,259,357	104.0	9,425,239	9,472,598	99.5	7,523,788	5,821,757	129.2	5,515,285	4,698,532	117.4
NEW ENGLAND:															
Maine.....	317,798	312,064	101.8	249,738	245,169	101.9	68,060	66,895	101.7	57,968	52,165	111.1	47,976	44,959	106.7
New Hampshire...	165,250	168,098	98.3	114,628	115,603	99.2	50,622	52,495	96.4	50,668	45,890	110.4	44,387	43,574	101.9
Vermont.....	153,450	150,987	101.6	116,227	113,155	102.7	37,223	37,832	98.4	27,922	21,939	127.3	24,508	20,186	121.4
Massachusetts.....	1,109,359	1,164,517	95.3	538,094	565,335	95.2	571,265	599,182	95.3	524,128	526,922	99.5	404,001	436,113	92.6
Rhode Island.....	174,659	170,808	97.1	79,735	80,086	99.6	94,924	90,722	95.2	90,583	87,442	103.6	65,571	68,201	96.1
Connecticut.....	378,753	391,385	96.8	195,468	200,181	97.6	183,285	191,204	95.9	177,068	151,691	116.7	122,817	114,579	107.2
MIDDLE ATLANTIC:															
New York.....	3,078,904	3,158,669	97.5	1,606,624	1,623,701	98.9	1,472,280	1,534,968	95.9	1,432,423	1,296,849	110.5	953,785	935,738	101.9
New Jersey.....	884,946	902,760	98.0	502,171	507,738	98.9	382,775	395,022	96.9	356,536	301,652	118.2	223,116	206,934	107.8
Pennsylvania.....	2,990,905	3,038,089	98.4	2,099,396	2,123,331	98.9	891,509	914,758	97.5	852,634	586,085	145.5	551,591	430,952	128.0
EAST NORTH CENTRAL:															
Ohio.....	2,029,941	2,027,711	100.1	1,327,978	1,305,281	101.5	501,963	522,430	96.1	346,141	251,104	137.8	246,664	211,236	116.8
Indiana.....	1,254,609	1,226,030	102.3	1,079,947	1,050,141	102.8	174,662	175,889	99.3	97,183	62,139	156.4	78,487	63,374	123.8
Illinois.....	2,178,791	2,145,611	101.5	1,324,922	1,275,633	103.9	853,869	869,978	98.1	673,595	528,965	127.3	517,648	446,987	115.8
Michigan.....	1,107,624	1,082,099	102.4	625,032	599,809	104.2	482,592	482,290	100.1	333,657	261,867	127.4	295,192	245,004	120.5
Wisconsin.....	911,181	896,805	101.6	387,668	375,557	103.2	523,513	521,248	100.4	290,439	222,130	130.8	282,393	233,312	121.0
WEST NORTH CENTRAL:															
Minnesota.....	778,944	737,273	105.7	301,552	273,529	110.2	477,392	463,744	102.9	320,481	222,529	144.0	287,473	217,462	132.2
Iowa.....	982,192	953,515	103.0	663,909	639,617	103.8	318,283	313,898	101.4	157,429	116,055	135.7	170,883	134,899	126.7
Missouri.....	1,474,700	1,431,336	103.0	1,218,566	1,169,269	104.2	256,134	262,067	97.7	131,856	97,040	135.9	119,565	96,210	124.3
North Dakota.....	221,221	192,476	114.9	89,162	73,299	121.6	132,059	119,177	110.8	92,630	63,528	145.8	66,145	46,445	142.4
South Dakota.....	247,256	215,887	114.5	133,071	112,581	118.2	114,185	103,306	110.5	59,696	40,932	145.8	50,967	37,362	136.4
Nebraska.....	519,461	484,967	107.1	334,144	307,931	108.5	185,317	177,036	104.7	101,581	74,284	136.7	99,712	77,405	128.8
Kansas.....	775,343	723,819	107.1	624,953	582,104	107.4	150,390	141,715	106.1	81,094	54,096	149.9	72,240	54,337	132.9
SOUTH ATLANTIC:															
Delaware.....	77,463	76,219	101.6	64,680	63,129	102.5	12,783	13,090	97.7	9,924	7,496	132.4	7,530	6,199	121.5
Maryland.....	474,755	483,710	98.1	381,395	385,232	99.0	93,360	98,478	94.8	54,317	49,857	108.9	47,005	46,139	101.9
Dist. of Columbia.	102,084	109,693	93.1	80,507	86,204	93.4	21,577	23,489	91.9	12,917	11,434	113.0	10,213	9,307	109.7
Virginia.....	687,635	675,546	101.8	667,946	657,292	101.6	19,689	18,254	107.9	16,728	9,900	169.0	12,034	7,034	171.1
West Virginia.....	566,027	533,718	106.1	536,985	505,122	106.3	29,042	28,596	101.6	41,299	15,773	261.8	14,164	8,215	172.4
North Carolina.....	751,107	743,462	101.0	746,715	739,003	101.0	4,392	4,459	98.5	3,745	2,197	170.5	2,712	1,682	161.2
South Carolina.....	339,825	333,282	102.0	334,338	327,632	102.0	5,487	5,650	97.1	3,719	2,335	159.3	3,159	2,212	142.8
Georgia.....	714,970	701,760	101.9	702,049	689,009	101.9	12,921	12,751	101.3	9,518	5,554	171.4	7,283	4,738	153.7
Florida.....	211,840	197,952	107.0	193,802	180,165	107.6	18,038	17,787	101.4	20,705	13,137	157.6	11,290	7,997	140.8
EAST SOUTH CENTRAL:															
Kentucky.....	1,008,422	979,476	103.0	948,864	914,330	103.8	59,558	65,146	91.4	21,611	18,442	117.2	26,440	23,693	111.6
Tennessee.....	858,475	834,498	102.9	839,497	815,109	103.0	18,978	19,389	97.9	11,147	7,312	152.4	10,291	7,296	141.1
Alabama.....	614,065	595,811	103.1	597,894	579,565	103.2	16,171	16,246	99.5	11,826	7,130	165.9	8,949	5,389	166.1
Mississippi.....	396,098	380,624	104.1	386,337	370,896	104.2	9,761	9,728	100.3	5,958	3,431	173.7	5,026	2,599	193.4
WEST SOUTH CENTRAL:															
Arkansas.....	575,813	538,304	107.0	556,409	521,100	106.8	19,404	17,204	112.8	10,607	6,362	168.3	8,911	5,275	168.9
Louisiana.....	450,817	438,487	102.8	396,356	380,231	104.2	54,461	58,256	93.5	29,643	22,139	133.9	28,834	23,019	125.3
Oklahoma <sup>1</sup> .....	746,100	658,347	113.3	695,556	614,847	113.1	50,544	43,500	116.2	25,670	14,414	178.1	12,678	7,712	164.4
Texas.....	1,534,615	1,430,249	107.3	1,348,808	1,254,142	107.5	185,807	176,107	105.5	136,822	103,162	132.6	100,910	76,671	131.6
MOUNTAIN:															
Montana.....	153,060	115,876	132.1	94,467	67,660	139.6	58,593	48,216	121.5	64,560	27,084	238.4	43,209	19,164	225.5
Idaho.....	153,155	125,639	121.9	112,310	91,289	123.0	40,845	34,350	118.9	28,082	12,345	227.5	14,525	7,365	197.2
Wyoming.....	67,382	45,818	147.1	48,652	32,044	151.8	18,730	13,774	136.0	20,115	7,003	287.2	11,586	4,996	231.9
Colorado.....	343,397	313,167	109.7	250,989	224,147	112.0	92,408	89,020	103.8	78,074	48,777	160.1	55,422	35,053	158.1
New Mexico.....	148,610	133,330	111.5	134,528	121,081	111.1	14,082	12,249	115.0	14,832	7,822	189.6	8,270	4,991	165.7
Arizona.....	70,285	54,359	129.3	47,370	35,098	135.0	22,915	19,261	119.0	30,586	16,238	188.4	14,189	8,206	172.9
Utah.....	156,172	147,018	106.2	89,205	82,458	108.2	66,967	64,560	103.7	35,946	27,447	131.0	26,728	26,076	102.5
Nevada.....	34,065	22,212	153.4	21,809	13,517	161.3	12,256	8,045	141.0	13,827	4,172	331.4	6,061	2,520	240.5
PACIFIC:															
Washington.....	474,775	393,139	120.8	324,335	261,051	124.2	150,440	132,088	113.9	160,721	80,476	199.7	67,078	35,047	191.4
Oregon.....	300,585	251,504	119.5	228,772	188,079	121.6	71,813	63,425	113.2	69,760	33,241	209.9	33,885	19,976	169.6
California.....	907,573	834,849	108.7	585,658	520,875	112.4	321,915	313,974	102.5	325,417	191,833	169.6	191,812	124,693	153.8

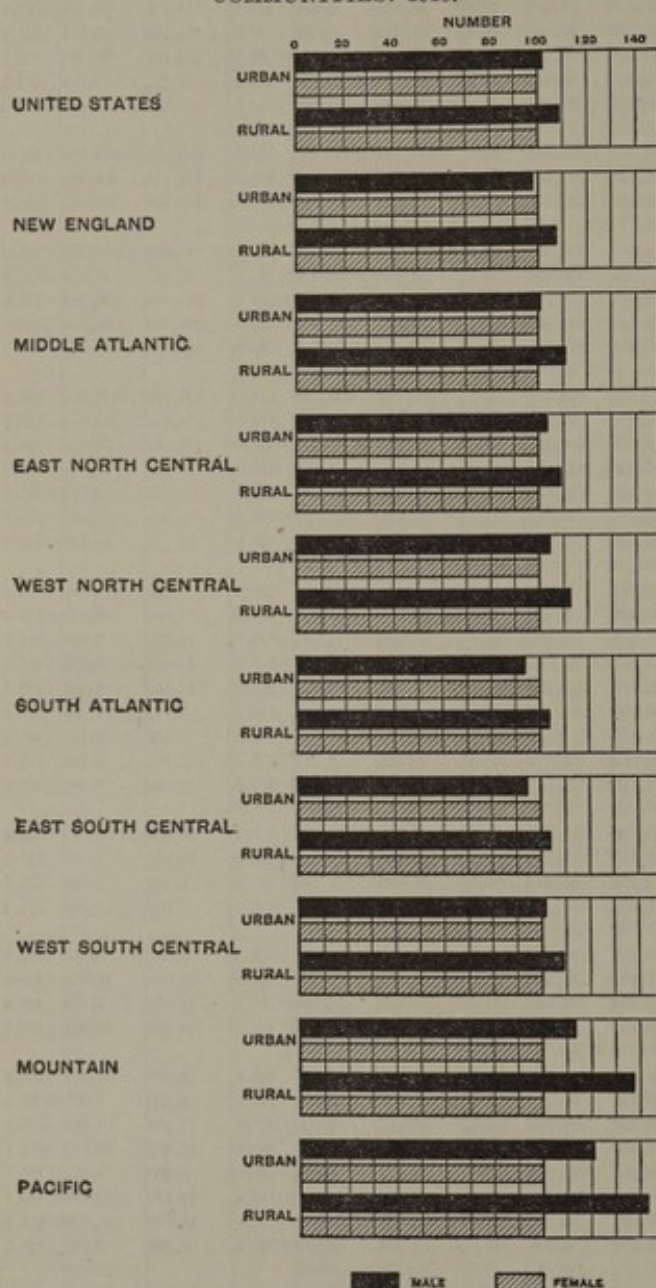
<sup>1</sup> Includes population of Indian Territory for 1900.



## URBAN AND RURAL POPULATION.

Table 27 gives the ratio of males to females in the total population and the principal color or race, nativity, and parentage classes in urban and in rural communities, respectively, for the country as a whole and for each division separately. Table 28 shows the corresponding classification by sex. The accompanying diagram shows graphically the ratios for each geographic division.

MALES TO 100 FEMALES IN URBAN AND RURAL COMMUNITIES: 1910.



Of the aggregate urban population of the United States in 1910, 21,496,181 were males and 21,127,202 females, the number of males to 100 females being 101.7. Of the aggregate rural population, 25,836,096

were males and 23,512,787 females, the number of males to 100 females being 109.9. In each class of the population the proportion of males increased between 1900 and 1910—in the urban, from 98.7 to 101.7 males to 100 females, and in the rural, from 108.5 to 109.9.

In every division also the proportion of males, both in the urban and in the rural population, increased between 1900 and 1910; and in every division, as in the country as a whole, the proportion of males in rural communities was greater than in urban. In the rural population of each division the males outnumbered the females, but in the urban population of three divisions—the New England, South Atlantic, and East South Central—the females outnumbered the males.

The fact that females form a larger proportion of the population in urban than in rural communities throughout the United States exists despite the fact that the foreign-born whites—a class in which, as previously noted, males are greatly in the majority—are largely concentrated in cities.

The higher proportion of females in the cities is generally attributed, at least in part, to the fact that the city as compared with the country affords more opportunities for women to find employment. Differences in birth and death rates also probably affect it.

DIVISION AND CLASS OF COMMUNITY.	MALES TO 100 FEMALES.					
	Total population.		Native white: 1910		Foreign-born white: 1910	Negro: 1910
	1910	1900	Native parentage.	Foreign or mixed parentage.		
United States.....	106.0	104.4	104.0	99.5	129.2	98.9
Urban.....	101.7	98.7	99.3	94.6	118.9	90.8
Rural.....	109.9	108.5	106.7	109.5	161.1	102.1
NEW ENGLAND.....	99.3	97.7	98.1	96.0	104.8	97.8
Urban.....	97.8	95.7	95.5	95.2	103.1	95.2
Rural.....	107.4	106.1	104.6	104.6	128.1	131.8
MIDDLE ATLANTIC.....	103.3	100.9	98.9	96.5	120.9	94.9
Urban.....	100.6	98.0	95.1	94.9	114.0	90.8
Rural.....	110.1	106.6	102.5	104.8	165.9	114.8
EAST NORTH CENTRAL.....	106.0	104.7	102.9	98.6	131.3	108.3
Urban.....	103.2	99.7	99.3	93.4	127.7	104.6
Rural.....	109.3	109.1	105.5	107.9	140.7	121.4
WEST NORTH CENTRAL.....	109.9	109.7	106.6	103.3	141.3	107.8
Urban.....	104.5	102.8	102.5	93.2	134.8	104.1
Rural.....	112.7	112.5	108.4	109.0	145.7	115.8
SOUTH ATLANTIC.....	101.2	100.0	102.1	97.6	146.9	97.5
Urban.....	94.1	91.6	96.0	93.1	121.1	86.0
Rural.....	103.8	102.5	103.9	109.8	219.3	101.0
EAST SOUTH CENTRAL.....	101.9	101.9	103.5	94.5	139.2	98.4
Urban.....	94.5	94.0	97.9	88.5	123.2	87.9
Rural.....	103.7	103.4	104.5	110.1	179.2	101.1
WEST SOUTH CENTRAL.....	107.2	106.7	108.2	105.1	138.8	100.4
Urban.....	101.2	96.5	104.2	95.1	124.9	90.6
Rural.....	109.0	108.8	109.2	112.1	148.8	103.3
MOUNTAIN.....	127.9	128.0	119.8	112.6	189.6	121.3
Urban.....	113.3	111.7	110.3	99.6	141.0	105.2
Rural.....	137.0	136.6	124.9	123.2	233.7	177.1
PACIFIC.....	129.5	128.2	117.4	106.8	181.9	120.4
Urban.....	120.2	118.0	111.2	99.2	155.8	110.3
Rural.....	143.0	137.9	124.9	120.4	236.6	190.1



# CLASSIFICATION OF POPULATION BY SEX.

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## MALES AND FEMALES IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

Table 28

DIVISION AND CLASS OF COMMUNITY.	TOTAL POPULATION.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Male.	Female.	Male.	Female.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
United States.....	47,332,277	44,639,989	38,816,448	37,178,127	25,229,218	24,259,357	9,425,239	9,472,598	7,523,788	5,821,757	4,885,881	4,941,882
Urban.....	21,496,181	21,127,292	15,298,189	15,498,996	8,893,553	8,956,091	6,001,484	6,345,416	5,234,642	4,400,727	1,279,484	1,409,745
Rural.....	25,836,096	23,512,787	23,518,259	21,679,131	16,335,665	15,303,266	3,423,755	3,127,182	2,289,146	1,421,030	3,606,397	3,532,137
NEW ENGLAND.....	3,265,114	3,287,567	2,763,796	2,828,221	1,293,890	1,319,529	1,005,379	1,047,330	928,337	886,049	32,783	33,523
Urban.....	2,096,799	2,738,546	2,186,301	2,283,878	902,295	945,189	909,877	956,016	850,950	825,040	29,096	31,181
Rural.....	568,315	529,021	577,495	544,343	391,595	374,340	95,502	91,314	77,387	60,409	3,087	2,342
MIDDLE ATLANTIC.....	9,813,266	9,502,626	7,761,081	7,093,597	4,208,191	4,254,770	2,746,564	2,844,748	2,641,593	2,184,586	203,466	214,404
Urban.....	6,882,582	6,840,791	4,986,312	5,089,551	2,312,444	2,406,019	2,242,400	2,363,581	2,156,963	1,802,514	161,453	177,793
Rural.....	2,930,684	2,661,835	2,774,769	2,004,046	1,895,747	1,848,751	504,164	481,167	484,630	292,072	42,013	36,611
EAST NORTH CENTRAL.....	9,392,839	8,857,782	8,177,308	7,808,273	4,945,547	4,806,421	2,536,599	2,571,835	1,741,015	1,326,205	156,431	144,405
Urban.....	4,885,039	4,732,232	3,604,539	3,615,436	2,000,500	2,014,159	1,534,565	1,643,127	1,227,819	961,472	117,883	112,659
Rural.....	4,507,800	4,125,550	4,572,769	4,192,837	2,945,047	2,792,262	1,002,034	928,708	513,196	364,733	38,548	31,746
WEST NORTH CENTRAL.....	6,092,855	5,545,066	5,412,014	4,935,409	3,365,357	3,158,330	1,633,760	1,580,943	944,767	668,464	125,864	116,798
Urban.....	4,885,039	4,732,232	3,604,539	3,615,436	2,000,500	2,014,159	1,534,565	1,643,127	1,227,819	961,472	117,883	112,659
Rural.....	4,113,771	3,650,434	3,918,524	3,482,355	2,361,100	2,178,260	1,107,971	1,016,663	582,100	399,435	42,055	36,306
SOUTH ATLANTIC.....	6,134,605	6,060,290	5,222,595	5,220,885	3,708,417	3,632,788	217,289	222,554	172,872	117,683	2,029,808	2,082,680
Urban.....	1,979,084	1,894,632	1,667,304	1,653,328	821,025	854,794	151,125	162,290	105,016	86,740	420,619	488,901
Rural.....	4,035,324	4,467,418	4,155,291	4,055,557	2,887,392	2,777,994	66,164	60,264	67,856	30,943	1,609,189	1,593,779
EAST SOUTH CENTRAL.....	4,245,169	4,164,732	3,809,666	3,738,091	2,772,592	2,679,900	104,468	110,509	50,542	36,315	1,315,792	1,336,721
Urban.....	3,480,485	3,335,187	3,261,618	3,155,083	2,348,801	2,246,865	34,062	30,933	18,564	10,361	1,077,589	1,065,827
Rural.....	4,544,505	4,240,029	3,372,256	3,160,034	2,997,129	2,770,320	310,216	295,067	202,742	146,017	994,025	990,401
Urban.....	984,724	972,732	519,087	538,110	582,979	559,657	115,105	121,124	75,964	60,844	207,124	228,714
Rural.....	3,559,781	3,267,297	2,853,169	2,621,924	2,414,150	2,210,663	195,051	173,943	126,778	85,173	786,901	761,687
MOUNTAIN.....	1,478,018	1,155,499	940,038	734,619	799,330	667,294	326,796	290,125	286,022	150,888	11,766	9,701
Urban.....	503,331	444,180	285,668	255,065	257,949	233,880	129,305	129,826	101,420	71,911	7,915	7,528
Rural.....	974,687	711,319	654,370	479,554	541,381	433,414	197,491	160,299	184,602	78,977	3,845	2,173
PACIFIC.....	2,365,906	1,826,398	1,357,694	1,058,998	1,138,765	970,005	544,168	509,487	555,898	305,550	15,946	13,249
Urban.....	1,300,657	1,081,672	607,420	514,936	588,313	529,278	322,852	325,596	321,865	206,023	12,779	11,583
Rural.....	1,065,249	744,726	750,274	544,062	550,452	440,727	221,316	183,891	234,033	98,927	3,167	1,666

The proportion of males is lower in urban than in rural communities not only for the total population, but also for each of the principal color or race, nativity, and parentage groups. Thus in 1910 in the native white population of native parentage there were 99.3 males to 100 females in urban communities as compared with 106.7 in rural. For the native whites of foreign or mixed parentage the ratios were, respectively, 94.6 to 100 for urban and 109.5 to 100 for rural communities. A still greater disparity appeared in the case of the foreign-born whites, there being 118.9 males to 100 females (itself a high ratio) in this class in urban communities and 161.1 in rural communities. For negroes the corresponding ratios were 90.8 and 102.1 to 100.

Especially striking are the very high ratios of males to females among the foreign-born whites in the rural population of the South Atlantic, Mountain, and Pacific divisions. The total number of foreign-born whites in the rural districts of these divisions, however, is comparatively small.

In the three southern divisions, where negroes are the most numerous, there was only a slight excess of males among the negroes in the rural population. The ratio of males to females among negroes in the urban communities of the South, however, was particularly low, ranging in 1910 from 86 males to 100 females in the South Atlantic division to 90.6 in the West South Central.

### PRINCIPAL CITIES.

Table 29 classifies by sex the total population and the principal color or race, nativity, and parentage classes in each of the 50 principal cities in 1910, and Table 31 shows the corresponding ratios of males to females. The total number of persons of each sex in cities of 25,000 to 100,000 inhabitants is shown in Table 30.

In 28 of the 50 cities of over 100,000 inhabitants the males outnumbered the females in 1910. In 39 of the cities the proportion of males was greater in 1910 than it was in 1900, and in 11 it was less. The number of males to 100 females in 1910 was greatest in Seattle (136.2) and only slightly less in Portland, Oreg. (134.5). Nashville showed the smallest proportion of males, or 89.6 males to 100 females.

Of the eight cities of 500,000 inhabitants or more, Baltimore had the lowest number of males to 100 females (92.4) in 1910 and Cleveland the highest (106.6). The population of New York City was almost evenly divided by sex; in Philadelphia the females outnumbered the males; and in Chicago the males outnumbered the females.

Among the negro population in 1910 the females outnumbered the males in 28 of the cities, the proportion of males being very low in the southern cities generally.



## ABSTRACT OF THE CENSUS—POPULATION.

## MALES AND FEMALES IN THE POPULATION OF CITIES OF 100,000 INHABITANTS OR MORE: 1910.

Table 29	CITY.	TOTAL POPULATION.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
		1910		1900		Native parentage.		Foreign or mixed parentage.		Male.	Female.	Male.	Female.
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
	Albany, N. Y.	48,270	51,983	45,031	49,120	21,462	23,011	17,242	19,291	9,031	9,134	497	540
	Atlanta, Ga.	74,501	80,338	41,377	48,495	45,482	46,505	3,080	3,384	2,649	1,761	23,219	28,683
	Baltimore, Md.	208,195	290,290	243,280	265,677	125,702	135,772	64,478	70,392	38,636	38,407	39,064	45,695
	Birmingham, Ala.	67,268	65,417	19,626	18,789	34,008	32,394	4,206	4,151	3,381	2,319	25,662	26,643
	Boston, Mass.	329,703	340,882	274,922	285,970	77,368	80,502	126,648	130,456	117,786	122,936	6,664	6,900
	Bridgeport, Conn.	52,549	49,505	35,381	35,615	13,723	13,433	18,202	19,112	19,905	16,275	657	675
	Buffalo, N. Y.	212,502	211,213	174,931	177,456	59,915	59,777	88,755	94,918	62,796	55,648	933	840
	Cambridge, Mass.	50,161	54,678	44,477	47,409	12,047	13,508	19,370	20,424	16,412	18,196	2,227	2,480
	Chicago, Ill.	1,125,764	1,059,519	863,408	835,167	226,636	218,473	446,584	466,117	427,860	353,357	22,685	21,418
	Cincinnati, Ohio.	177,511	186,080	157,140	168,762	76,659	78,278	61,706	70,484	29,216	27,576	9,905	9,734
	Cleveland, Ohio.	289,262	271,401	192,616	189,132	66,608	65,646	109,419	114,489	108,573	87,130	4,341	4,107
	Columbus, Ohio.	91,452	90,039	63,301	62,259	58,339	58,507	16,899	18,679	9,374	6,911	6,784	5,955
	Dayton, Ohio.	58,848	57,729	42,142	43,191	36,129	36,172	12,045	13,514	8,173	5,674	2,475	2,367
	Denver, Colo.	107,395	105,986	66,502	67,267	53,529	53,416	29,535	31,650	20,895	18,046	2,652	2,774
	Detroit, Mich.	240,354	225,412	139,242	146,462	59,063	56,043	91,905	96,350	86,332	70,233	2,985	2,756
	Fall River, Mass.	57,627	61,608	50,260	54,603	7,637	8,221	25,345	26,780	24,391	26,483	174	181
	Grand Rapids, Mich.	55,539	57,032	42,470	45,095	19,960	20,817	19,967	22,800	15,240	13,095	347	318
	Indianapolis, Ind.	116,069	117,581	83,523	85,641	74,209	76,384	19,675	21,745	11,334	8,433	10,803	11,013
	Jersey City, N. J.	137,457	130,322	104,027	102,406	37,937	36,294	53,892	55,209	42,456	35,241	3,020	2,940
	Kansas City, Mo.	126,414	121,967	82,729	81,023	77,861	75,856	22,132	23,501	14,426	10,901	11,885	11,681
	Los Angeles, Cal.	162,669	156,529	50,519	51,960	84,881	85,086	35,446	39,310	33,275	27,309	3,682	3,917
	Louisville, Ky.	108,548	115,380	90,531	105,200	55,678	57,865	24,388	28,023	8,868	8,568	19,602	20,920
	Lowell, Mass.	51,525	54,799	44,949	50,020	9,767	10,936	20,208	21,734	21,434	22,023	62	71
	Memphis, Tenn.	66,270	64,835	52,284	50,036	31,210	28,775	5,903	6,235	3,853	2,614	25,259	27,182
	Milwaukee, Wis.	189,488	184,399	140,536	144,779	39,021	39,802	87,348	95,182	62,579	48,877	478	502
	Minneapolis, Minn.	157,345	144,063	103,122	99,596	50,676	45,510	56,026	60,522	49,017	36,921	1,499	1,093
	Nashville, Tenn.	52,155	58,209	38,356	42,509	31,054	32,633	3,287	3,864	1,577	1,416	16,229	20,294
	New Haven, Conn.	66,605	66,910	53,842	54,185	18,358	19,368	23,991	25,443	22,541	20,243	1,711	1,850
	New Orleans, La.	163,239	175,836	136,068	151,036	72,859	74,614	34,423	39,821	14,634	13,632	40,946	48,316
	New York, N. Y.	2,382,482	2,384,401	1,705,705	1,731,497	456,111	465,207	890,781	929,360	987,952	939,751	42,143	49,566
	Manhattan Borough.	1,166,659	1,164,883	918,259	931,834	171,437	172,914	401,434	416,774	561,681	542,538	28,021	32,510
	Bronx Borough.	217,120	215,860	101,766	98,751	46,431	46,138	90,631	94,515	77,948	70,987	1,911	2,206
	Brooklyn Borough.	809,791	824,560	575,733	592,849	183,324	192,224	322,597	340,986	292,614	278,742	10,245	12,463
	Queens Borough.	144,205	139,836	77,547	75,452	40,430	40,177	59,844	61,115	48,336	56,779	1,440	1,758
	Richmond Borough.	44,707	41,262	34,410	32,611	14,489	13,744	16,265	16,970	15,373	10,865	523	629
	Newark, N. J.	173,389	174,080	121,027	125,043	46,420	48,317	64,146	68,204	58,114	52,541	4,477	4,998
	Oakland, Cal.	78,222	71,952	32,921	34,039	27,592	27,606	23,904	26,032	20,854	15,968	1,614	1,441
	Omaha, Nebr.	64,802	59,294	54,093	48,462	27,578	25,339	19,683	19,912	15,081	11,987	2,379	2,047
	Paterson, N. J.	62,439	63,161	51,889	53,282	13,775	14,617	24,401	25,778	23,468	21,930	710	829
	Philadelphia, Pa.	760,463	788,545	634,485	659,212	284,690	299,318	241,243	255,542	193,994	188,584	39,431	45,028
	Pittsburgh, Pa.	273,589	290,316	232,313	219,199	87,602	88,487	93,353	98,130	79,024	61,412	13,351	12,272
	Portland, Ore.	118,868	88,346	53,128	37,298	57,596	46,567	26,132	24,877	27,724	16,056	608	437
	Providence, R. I.	110,288	114,038	85,072	90,525	28,933	31,033	39,727	42,627	38,768	37,535	2,577	2,739
	Richmond, Va.	69,905	66,723	39,936	45,114	33,429	35,701	3,703	3,961	2,287	1,798	21,472	25,261
	Rochester, N. Y.	108,352	109,797	77,520	85,088	36,779	37,746	39,864	43,823	31,241	27,752	424	455
	St. Louis, Mo.	346,068	340,961	288,197	287,041	134,850	134,986	118,245	128,701	70,297	55,409	22,168	21,792
	St. Paul, Minn.	111,809	102,935	84,405	78,660	32,522	29,072	45,782	47,616	31,532	24,992	1,904	1,240
	San Francisco, Cal.	236,901	180,011	184,806	157,916	64,527	50,832	77,307	78,474	80,995	49,879	1,025	617
	Scranton, Pa.	65,591	64,276	51,216	50,810	19,051	19,694	26,565	28,966	19,661	15,451	305	262
	Seattle, Wash.	136,773	100,421	51,521	29,150	59,007	46,777	31,178	29,956	39,078	21,757	1,394	992
	Spokane, Wash.	57,513	46,889	21,167	15,681	29,226	25,348	13,939	13,338	13,404	7,816	391	332
	Syracuse, N. Y.	68,806	68,443	52,538	55,836	28,958	29,450	22,259	24,653	16,993	13,788	579	545
	Toledo, Ohio.	84,691	83,806	65,604	66,218	37,392	37,755	28,822	30,561	17,491	14,546	937	940
	Washington, D. C.	158,050	173,019	132,004	146,714	80,507	86,204	21,577	25,489	12,917	11,434	42,615	51,831
	Worcester, Mass.	73,424	72,562	59,082	59,339	29,205	21,216	26,626	28,125	25,948	22,544	570	671

\* Includes population of Allegheny for 1900.

## MALES AND FEMALES IN THE POPULATION OF CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

Table 30	CITY.	Male.	Female.	Males to 100 females.	CITY.	Male.	Female.	Males to 100 females.
	<b>Alabama</b>							
	Mobile.	24,317	27,204	89.4				
	Montgomery.	17,805	20,331	87.6				
	<b>Arkansas</b>							
	Little Rock.	23,035	22,906	100.6				
	<b>California</b>							
	Berkeley.	19,518	20,916	93.3				
	Pasadena.	13,684	16,607	82.4				
	Sacramento.	25,332	19,364	130.8				
	San Diego.	29,726	18,852	159.9				
	San Jose.	14,399	14,547	99.0				
	<b>Colorado</b>							
	Colorado Springs.	14,042	15,036	93.4				
	Pueblo.	24,855	19,540	127.2				
	<b>Connecticut</b>							
	Hartford.	49,211	49,704	99.0				
	Meriden town.	16,143	15,923	101.4				
	Meriden city.	15,717	15,548	101.2				
	New Britain.	23,212	20,704	112.1				
	Norwich town.	13,567	14,632	92.6				
	Stamford town.	14,527	14,309	101.5				
	Stamford city.	12,635	12,600	101.1				
	Waterbury.	38,018	35,123	108.2				
	<b>Delaware</b>							
	Wilmington.	43,938	43,473	101.1				
	<b>Florida</b>							
	Jacksonville.	29,340	28,359	103.5				
	Tampa.	19,554	18,228	107.3				



# CLASSIFICATION OF POPULATION BY SEX.

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MALES AND FEMALES IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

Table 30—Contd.

CITY.	Male.	Female.	Males to 100 females.	CITY.	Male.	Female.	Males to 100 females.
<b>Georgia</b>				<b>New Jersey—Continued.</b>			
Augusta.....	19,237	21,803	88.2	Perth Amboy.....	17,359	14,702	117.6
Macon.....	19,513	21,152	92.3	Trenton.....	50,231	46,584	107.8
Savannah.....	31,681	33,983	91.5	West Hoboken town.....	17,658	17,745	99.5
<b>Illinois</b>				<b>New York</b>			
Aurora.....	15,118	14,689	102.9	Amsterdam.....	15,279	15,988	95.6
Bloomington.....	12,321	13,447	91.6	Auburn.....	17,587	17,081	103.0
Danville.....	13,721	14,150	97.0	Binghamton.....	23,105	25,338	91.2
Decatur.....	15,443	15,697	98.4	Elmira.....	18,553	18,623	99.6
East St. Louis.....	32,363	26,184	123.6	Jamestown.....	15,650	15,647	100.0
Elgin.....	12,290	13,686	89.8	Kingston.....	12,250	13,658	89.7
Joliet.....	18,417	16,253	113.3	Mount Vernon.....	14,844	16,075	92.3
Peoria.....	34,362	32,588	105.4	New Rochelle.....	14,686	14,181	103.6
Quincy.....	17,879	18,708	95.6	Newburgh.....	13,435	14,370	93.5
Rockford.....	23,302	22,099	105.4	Niagara Falls.....	16,086	14,359	112.0
Springfield.....	25,488	26,190	97.3	Poughkeepsie.....	13,378	14,558	91.9
<b>Indiana</b>				Schenectady.....	38,821	34,005	114.2
Evansville.....	34,429	35,218	97.8	Troy.....	35,387	41,426	85.4
Fort Wayne.....	31,433	32,500	96.7	Utica.....	36,367	38,052	95.6
South Bend.....	27,631	26,053	106.1	Watertown.....	13,066	13,664	95.6
Terre Haute.....	29,287	28,870	101.4	Yonkers.....	40,103	39,700	101.0
<b>Iowa</b>				<b>North Carolina</b>			
Cedar Rapids.....	16,300	16,511	98.7	Charlotte.....	16,275	17,739	91.7
Clinton.....	13,067	12,510	104.5	Wilmington.....	12,282	13,466	91.2
Council Bluffs.....	15,154	14,138	107.2	<b>Ohio</b>			
Davenport.....	21,530	21,498	100.1	Akron.....	36,604	32,463	112.8
Des Moines.....	43,135	43,233	99.8	Canton.....	26,110	24,107	108.3
Dubuque.....	18,977	19,517	97.2	Hamilton.....	17,825	17,454	102.1
Sioux City.....	25,718	22,110	116.3	Lima.....	15,213	15,295	99.5
Waterloo.....	13,775	12,918	106.6	Lorain.....	16,261	12,622	128.8
<b>Kansas</b>				Newark.....	12,988	12,416	104.6
Kansas City.....	42,773	39,558	108.1	Springfield.....	23,838	23,083	103.3
Topeka.....	21,710	21,974	98.8	Youngstown.....	43,649	35,417	123.2
Wichita.....	26,964	25,486	105.8	Zanesville.....	13,550	14,476	93.6
<b>Kentucky</b>				<b>Oklahoma</b>			
Covington.....	25,628	27,642	92.7	Muskogee.....	13,398	11,880	112.8
Lexington.....	16,829	18,270	92.1	Oklahoma City.....	35,742	28,463	125.6
Newport.....	14,674	15,635	93.9	<b>Pennsylvania</b>			
<b>Louisiana</b>				Allentown.....	25,098	26,815	93.6
Shreveport.....	13,760	14,255	96.5	Altoona.....	26,134	25,993	100.5
<b>Maine</b>				Chester.....	19,768	18,769	105.3
Lewiston.....	12,529	13,718	91.3	Easton.....	13,823	14,700	94.0
Portland.....	27,956	30,615	91.3	Erie.....	33,515	33,010	101.5
<b>Massachusetts</b>				Harrisburg.....	31,183	33,003	94.5
Brockton.....	28,293	28,585	99.0	Hazleton.....	12,695	12,757	99.5
Brookline town.....	11,038	16,754	65.9	Johnstown.....	30,940	24,542	126.1
Chelsea.....	16,709	15,743	106.1	Lancaster.....	22,098	25,129	87.9
Chicopee.....	12,736	12,665	100.6	McKeesport.....	22,510	20,184	111.5
Everett.....	16,313	17,171	95.0	New Castle.....	19,134	17,146	111.6
Fitchburg.....	18,764	19,052	98.4	Norristown borough.....	13,258	14,617	90.7
Haverhill.....	21,607	22,508	96.0	Reading.....	47,576	48,495	98.1
Holyoke.....	27,671	30,059	92.1	Shenandoah borough.....	14,385	11,389	126.3
Lawrence.....	42,858	43,034	99.6	Wilkes-Barre.....	33,859	33,246	101.8
Lynn.....	44,585	44,751	99.6	Williamsport.....	14,932	16,928	88.2
Malden.....	20,927	23,477	89.1	York.....	21,869	22,881	95.6
New Bedford.....	47,731	48,921	97.6	<b>Rhode Island</b>			
Newton.....	17,801	22,005	80.9	Newport.....	14,784	12,365	119.6
Pittsfield.....	16,130	15,991	100.9	Pawtucket.....	25,351	26,271	96.5
Quincy.....	16,454	16,188	101.6	Warwick town.....	13,182	13,447	98.0
Salem.....	21,291	22,406	95.0	Woonsocket.....	18,732	19,393	96.6
Somerville.....	36,628	40,608	90.2	<b>South Carolina</b>			
Springfield.....	43,221	45,705	94.6	Charleston.....	27,334	31,499	86.8
Taunton.....	16,722	17,537	95.4	Columbia.....	12,616	13,703	92.1
Waltham.....	12,949	14,885	87.0	<b>Tennessee</b>			
<b>Michigan</b>				Chattanooga.....	22,429	22,175	101.1
Battle Creek.....	12,374	12,893	95.0	Knoxville.....	17,621	18,725	94.1
Bay City.....	22,505	22,661	99.3	<b>Texas</b>			
Flint.....	21,779	16,771	129.9	Austin.....	14,390	15,470	93.0
Jackson.....	15,854	15,579	101.8	Dallas.....	46,499	45,693	102.0
Kalamazoo.....	19,197	20,240	94.8	El Paso.....	19,726	19,533	100.9
Lansing.....	16,801	14,428	116.4	Fort Worth.....	39,007	34,305	113.7
Saginaw.....	24,850	25,660	96.8	Galveston.....	19,386	17,595	110.2
<b>Minnesota</b>				Houston.....	40,126	38,674	103.8
Duluth.....	44,806	33,600	133.5	San Antonio.....	47,865	48,749	98.2
<b>Missouri</b>				Waco.....	12,861	13,564	94.8
Joplin.....	16,231	15,842	102.5	<b>Utah</b>			
St. Joseph.....	39,665	37,738	105.1	Ogden.....	13,334	12,246	108.9
Springfield.....	17,401	17,800	97.8	Salt Lake City.....	47,583	45,194	105.3
<b>Montana</b>				<b>Virginia</b>			
Butte.....	22,314	16,851	132.4	Lynchburg.....	13,775	15,719	87.6
<b>Nebraska</b>				Norfolk.....	32,867	34,585	95.0
Lincoln.....	21,870	22,103	98.9	Portsmouth.....	17,009	15,681	113.0
South Omaha.....	14,561	11,698	124.5	Roanoke.....	17,514	17,360	100.9
<b>New Hampshire</b>				<b>Washington</b>			
Manchester.....	34,148	35,915	95.1	Tacoma.....	47,488	36,255	131.0
Nashua.....	13,016	12,989	100.2	<b>West Virginia</b>			
<b>New Jersey</b>				Huntington.....	16,020	15,141	105.8
Atlantic City.....	22,997	23,153	99.3	Wheeling.....	20,583	21,058	97.7
Bayonne.....	29,527	26,018	113.5	<b>Wisconsin</b>			
Camden.....	47,396	47,142	100.5	Green Bay.....	12,253	12,083	94.4
East Orange.....	15,287	19,084	80.1	La Crosse.....	14,649	15,768	92.9
Elizabeth.....	37,971	35,438	107.1	Madison.....	12,283	13,248	92.7
Hoboken.....	36,675	33,649	109.0	Oshkosh.....	16,196	16,866	96.0
Orange.....	14,466	15,164	95.4	Racine.....	20,031	17,971	111.5
Pasadena.....	26,549	28,224	94.1	Sheboygan.....	13,711	12,087	108.1
				Superior.....	23,415	16,969	138.0



## MALES TO 100 FEMALES IN THE POPULATION OF CITIES OF 100,000 INHABITANTS OR MORE: 1910.

Table 31		TOTAL POPULATION.		NATIVE WHITE: 1910		Foreign-born white: 1910	Negro: 1910	TOTAL POPULATION.		NATIVE WHITE: 1910		Foreign-born white: 1910	Negro: 1910
CITY.	1910	1900	Native parent-age.	Foreign or mixed parent-age.	1910			1910	1900	Native parent-age.	Foreign or mixed parent-age.		
Albany, N. Y.	92.9	91.7	93.3	89.4	98.9	92.0	New Haven, Conn.	99.7	99.4	94.8	94.3	111.4	92.5
Atlanta, Ga.	92.7	85.3	97.8	91.0	150.4	81.0	New Orleans, La.	92.8	90.1	97.6	86.4	112.1	84.7
Baltimore, Md.	92.4	91.6	92.6	91.6	100.6	85.5	New York, N. Y.	99.9	98.5	98.0	95.8	105.1	85.0
Birmingham, Ala.	102.8	104.5	105.3	101.3	145.8	96.3	Manhattan Borough	100.2	98.5	99.1	99.3	103.6	86.2
Boston, Mass.	96.7	96.1	96.1	97.1	95.8	96.6	Bronx Borough	101.5	103.0	100.6	95.9	109.8	86.6
Bridgeport, Conn.	106.1	99.3	102.2	95.2	122.3	97.3	Brooklyn Borough	98.2	96.8	95.4	94.6	105.0	82.2
Buffalo, N. Y.	100.6	98.6	100.2	93.5	112.8	111.1	Queens Borough	103.1	102.8	100.6	97.9	115.1	81.9
Cambridge, Mass.	91.7	93.8	88.8	94.8	90.2	89.8	Richmond Borough	108.3	105.6	105.3	101.8	122.6	83.1
Chicago, Ill.	106.3	103.4	103.8	95.8	121.1	105.9	Newark, N. J.	99.6	96.8	96.1	94.1	110.6	89.6
Cincinnati, Ohio	95.4	93.1	97.9	87.5	105.9	101.8	Oakland, Cal.	108.7	96.7	99.9	91.8	130.6	112.0
Cleveland, Ohio	106.6	101.8	101.6	95.6	124.6	105.7	Omaha, Nebr.	109.3	111.6	108.8	98.8	125.8	116.2
Columbus, Ohio	101.5	101.7	99.7	90.5	135.6	113.9	Paterson, N. J.	98.9	97.4	94.2	94.7	107.0	85.6
Dayton, Ohio	101.9	97.6	99.9	89.1	144.0	104.6	Philadelphia, Pa.	96.4	96.2	95.1	94.4	102.9	87.6
Denver, Colo.	101.3	99.0	100.2	93.3	115.8	95.6	Pittsburgh, Pa.	105.1	106.0	99.0	95.1	128.7	108.8
Detroit, Mich.	106.6	95.1	105.4	95.4	122.9	108.3	Portland, Oreg.	134.5	142.4	123.7	105.0	172.7	139.1
Fall River, Mass.	93.4	92.0	92.9	94.6	92.1	96.1	Providence, R. I.	96.7	94.0	93.2	93.2	103.3	94.1
Grand Rapids, Mich.	97.4	94.2	95.9	87.6	116.4	109.1	Richmond, Va.	91.3	88.5	93.6	93.5	127.2	85.0
Indianapolis, Ind.	98.7	97.5	97.2	90.5	131.4	98.1	Rochester, N. Y.	98.7	91.1	97.4	91.0	112.6	93.2
Jersey City, N. J.	105.5	101.6	102.7	97.6	120.5	102.7	St. Louis, Mo.	101.5	100.4	99.9	91.9	126.9	101.7
Kansas City, Mo.	103.6	102.1	102.6	94.2	132.3	101.7	St. Paul, Minn.	108.6	107.3	111.9	96.1	126.2	153.5
Los Angeles, Cal.	103.9	97.2	99.8	90.2	121.8	94.0	San Francisco, Cal.	131.6	117.1	126.9	101.1	162.4	166.1
Louisville, Ky.	94.1	94.6	96.2	87.0	103.5	93.7	Scranton, Pa.	102.0	100.8	96.7	92.0	127.2	116.4
Lowell, Mass.	94.1	89.9	89.3	93.0	97.3	(1)	Seattle, Wash.	136.2	176.7	126.1	104.1	179.6	154.5
Memphis, Tenn.	102.2	104.5	108.5	94.7	147.4	92.9	Spokane, Wash.	122.7	135.0	115.3	104.5	171.5	117.8
Milwaukee, Wis.	102.8	97.1	98.0	91.8	128.0	95.2	Syracuse, N. Y.	100.5	94.1	98.3	90.3	123.2	106.2
Minneapolis, Minn.	109.2	103.5	111.4	92.6	132.8	137.1	Toledo, Ohio	101.1	99.1	99.0	94.3	120.2	99.7
Nashville, Tenn.	89.6	90.2	95.2	85.1	111.4	80.0	Washington, D. C.	91.3	90.0	93.4	91.9	113.0	82.2
							Worcester, Mass.	101.2	99.6	95.2	94.7	115.1	84.9

<sup>1</sup> Ratio not shown, the number of females being less than 100.<sup>2</sup> Includes population of Allegheny for 1900.

## POPULATION 21 YEARS OF AGE AND OVER.

## ALL PERSONS 21 YEARS OF AGE AND OVER.

General summary: 1910.—Persons 21 years of age and over have certain special legal rights with reference to property, the elective franchise, and other matters. This class of the population is further significant from the social and economic standpoint, in that it includes the great majority of breadwinners and also the great majority of married men and women. From the political standpoint particular interest attaches to statistics regarding males 21 years of age and over, although in several states women of that age also now have the right to vote at all elections.

For the United States, exclusive of Alaska, Hawaii, Porto Rico, and other outlying possessions, the total population 21 years of age and over in 1910 was 51,554,905, representing 56.1 per cent of the total population of all ages.

This total includes 26,999,151 males and 24,555,754 females, the number of males being 10 per cent greater than the number of females. Table 32, showing the number of each sex in 1910 for each of the principal classes of population, discloses an excess of males in each specified class except that made up of native whites of foreign or mixed parentage. Of a total excess of males amounting to 2,443,397, the foreign-born whites contributed 1,639,709.

As regards color or race, nativity, and parentage, the composition of the female population 21 years of age and over differs from that of the male in having smaller percentages of foreign-born whites, Chinese, and

Japanese, and larger percentages of the other race and nativity classes, these differences being attributable mainly to the fact, previously noted, that immigrants include many more males than females. Thus 20.4 per cent of the adult female population in 1910 were foreign-born whites, as compared with 24.6 per cent of the male, while 69.4 per cent of the former and 65.6 per cent of the latter were native whites and 9.9 and 9.1 per cent, respectively, were negroes.

CLASS OF POPULATION.	MALES 21 YEARS OF AGE AND OVER.		FEMALES 21 YEARS OF AGE AND OVER.		Males to 100 females.
	Number.	Percent of total.	Number.	Percent of total.	
Total	26,999,151	100.0	24,555,754	100.0	110.0
Native white—Native parentage	13,211,731	48.9	12,484,481	50.8	105.8
Native white—Foreign or mixed parentage	4,498,966	16.7	4,567,647	18.6	98.5
Foreign-born white	5,646,817	24.6	5,007,108	20.4	132.7
Negro	2,458,873	9.1	2,427,742	9.9	101.3
Indian	62,967	0.2	60,169	0.2	104.7
Chinese, Japanese, and all other.	119,797	0.4	8,607	(1)	1,391.9

<sup>1</sup> Less than one-tenth of 1 per cent.

Sex ratios, by divisions and states.—Table 33 gives, for 1910 and 1900, the total number of each sex, and also the number of males to 100 females, in the population 21 years of age and over, by geographic divisions and states.

Considered by geographic divisions, the number of men to 100 women in 1910 ranged from 98.8 in New England—the only division in which women outnumbered men—to 144.9 in the Pacific division and 148.6



# MALES 21 YEARS OF AGE AND OVER.

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in the Mountain division. The ratios for the divisions last named were exceptionally high, the highest ratio elsewhere being 116.2 to 100 for the West North Central division.

DIVISION AND STATE.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
<b>United States.....</b>	<b>26,999,151</b>	<b>24,555,754</b>	<b>110.0</b>	<b>21,134,299</b>	<b>19,647,708</b>	<b>107.6</b>
<b>GEOGRAPHIC DIVISIONS:</b>						
New England.....	2,019,096	2,043,998	98.8	1,707,955	1,762,289	96.9
Middle Atlantic.....	5,920,501	5,608,188	105.6	4,557,812	4,465,941	102.1
East North Central.....	5,604,500	5,133,680	109.2	4,624,078	4,294,362	107.7
West North Central.....	3,493,637	3,005,774	116.2	2,921,551	2,501,239	116.8
South Atlantic.....	3,071,428	3,007,118	102.1	2,496,785	2,499,998	99.9
East South Central.....	2,096,186	2,037,064	102.9	1,794,415	1,752,742	102.4
West South Central.....	2,261,366	1,987,760	113.8	1,584,099	1,397,960	113.3
Mountain.....	913,558	614,736	148.6	563,499	372,124	151.4
Pacific.....	1,618,879	1,117,436	144.9	884,105	601,053	147.1
<b>NEW ENGLAND:</b>						
Maine.....	235,727	225,736	104.4	217,663	211,960	102.7
New Hampshire.....	136,668	135,372	101.0	130,987	131,475	99.6
Vermont.....	113,506	106,883	106.2	108,356	103,819	104.4
Massachusetts.....	1,021,669	1,074,485	95.1	843,465	902,334	93.5
Rhode Island.....	163,834	166,391	98.5	127,144	133,314	95.4
Connecticut.....	347,692	335,131	103.7	280,340	279,187	100.4
<b>MIDDLE ATLANTIC:</b>						
New York.....	2,836,773	2,757,521	102.9	2,184,965	2,193,675	99.6
New Jersey.....	774,702	736,659	105.2	555,608	548,662	101.3
Pennsylvania.....	2,309,026	2,114,008	109.2	1,817,239	1,723,574	105.4
<b>EAST NORTH CENTRAL:</b>						
Ohio.....	1,484,265	1,398,341	106.1	1,212,223	1,175,167	103.2
Indiana.....	822,434	770,638	106.7	730,206	677,572	106.3
Illinois.....	1,743,182	1,567,491	111.2	1,401,456	1,280,144	109.5
Michigan.....	870,876	786,033	110.8	719,478	650,571	110.6
Wisconsin.....	683,743	611,157	111.9	570,715	510,908	111.7
<b>WEST NORTH CENTRAL:</b>						
Minnesota.....	642,669	512,411	125.4	506,794	403,320	125.7
Iowa.....	663,672	603,644	109.9	635,298	565,263	112.4
Missouri.....	973,062	896,152	108.6	856,684	780,687	109.7
North Dakota.....	173,890	122,406	142.1	95,217	63,357	150.3
South Dakota.....	178,189	134,187	132.8	112,681	86,507	130.3
Nebraska.....	333,626	298,040	111.9	301,091	245,078	122.9
Kansas.....	508,529	438,934	115.9	413,786	357,027	115.9
<b>SOUTH ATLANTIC:</b>						
Delaware.....	61,887	58,442	105.9	54,018	51,286	105.3
Maryland.....	367,908	373,819	98.4	321,903	328,531	98.0
District of Columbia.....	103,761	116,148	89.3	83,823	94,454	88.7
Virginia.....	523,532	518,473	101.0	447,815	452,543	99.0
West Virginia.....	338,349	284,969	118.7	247,976	218,894	113.3
North Carolina.....	506,134	519,475	97.4	417,578	438,694	95.2
South Carolina.....	335,046	343,958	97.4	283,325	292,567	96.8
Georgia.....	620,616	613,149	101.2	509,752	504,381	99.3
Florida.....	214,195	178,083	119.9	139,601	118,648	117.7
<b>EAST SOUTH CENTRAL:</b>						
Kentucky.....	603,454	579,756	104.1	543,996	520,921	104.4
Tennessee.....	552,668	542,408	101.9	487,380	477,892	102.0
Alabama.....	513,111	501,959	102.2	413,862	414,313	99.9
Mississippi.....	426,933	412,941	103.4	349,177	339,616	102.8
<b>WEST SOUTH CENTRAL:</b>						
Arkansas.....	395,824	351,994	112.5	313,836	278,542	112.7
Louisiana.....	414,919	395,354	104.9	325,943	318,009	102.5
Oklahoma.....	447,266	356,194	125.6	206,552	158,543	130.3
Texas.....	1,003,357	884,218	113.5	737,768	642,866	114.8
<b>MOUNTAIN:</b>						
Montana.....	155,017	81,741	189.6	101,931	48,548	210.0
Idaho.....	110,863	69,818	158.8	53,932	31,316	172.2
Wyoming.....	63,201	28,840	219.1	37,898	16,613	228.1
Colorado.....	271,648	213,423	127.3	185,708	136,462	136.1
New Mexico.....	94,637	73,152	129.4	55,067	43,304	127.2
Arizona.....	74,051	43,891	168.7	44,081	25,197	174.9
Utah.....	104,115	85,729	121.4	67,172	61,212	109.7
Nevada.....	40,026	18,140	220.7	17,710	9,472	187.0
<b>PACIFIC:</b>						
Washington.....	441,294	277,727	158.9	195,572	111,043	176.1
Oregon.....	257,188	168,323	152.8	144,446	95,062	151.9
California.....	920,397	671,386	137.1	544,087	394,948	137.8

<sup>1</sup> Includes population of Indian Territory for 1900.

Massachusetts, Rhode Island, Maryland, North Carolina, and South Carolina were the only states in 1910 in which women outnumbered men. The District of Columbia, however, showed a larger proportion of women than any of the states.

There were two states, Nevada and Wyoming, in which men outnumbered women by more than 2 to 1

and five other states in which there were more than 150 men to every 100 women. These states are all in the Mountain and Pacific divisions.

In a majority of the states, as indicated by the sex ratios, as well as in the United States as a whole, the number of men increased between 1900 and 1910 faster than the number of women. For the United States the number of men to every 100 women increased from 107.6 in 1900 to 110 in 1910. The states in which the ratio increased include all those east of the Mississippi River except Kentucky and Tennessee, but only six states west of that river.

## MALES 21 YEARS OF AGE AND OVER.

United States as a whole.—Table 34 shows, for 1910 and 1900, the number of males 21 years of age and over by color or race, nativity, and parentage groups, in comparison with the corresponding groups of the total population.

CLASS OF POPULATION.	TOTAL POPULATION.		Number.		Per cent of total population.	
	1910	1900	1910	1900	1910	1900
<b>Total.....</b>	<b>91,972,266</b>	<b>75,994,575</b>	<b>26,999,151</b>	<b>21,134,299</b>	<b>29.4</b>	<b>27.8</b>
White.....	81,731,957	66,809,196	24,357,514	18,918,697	29.8	28.3
Negro.....	9,827,763	8,833,994	2,458,873	2,060,302	25.0	23.3
Indian.....	265,683	237,196	62,967	57,077	23.7	24.1
Chinese.....	71,531	89,863	60,421	81,018	84.5	90.2
Japanese.....	72,157	24,326	56,638	17,205	78.5	70.7
All other.....	3,175	.....	2,738	.....	86.2	.....
<b>Native white.....</b>	<b>68,386,412</b>	<b>56,595,379</b>	<b>17,710,697</b>	<b>14,014,427</b>	<b>25.9</b>	<b>24.8</b>
Native parentage.....	49,488,575	40,949,362	13,211,731	10,569,743	26.7	25.8
Foreign par.....	12,916,311	10,632,280	3,215,082	2,535,751	24.9	23.8
Mixed parentage.....	5,981,526	5,013,737	1,283,884	908,933	21.5	18.1
Foreign-born white.....	13,345,545	10,213,817	6,646,817	4,904,270	49.8	48.0

In 1910 there were in the United States 26,999,151 men 21 years of age and over, constituting 29.4 per cent of the total population, as compared with 21,134,299, constituting 27.8 per cent of the population, in 1900. Men of 21 and over formed 57 per cent of the total male population in 1910 and 54.4 per cent in 1900.

It should not be assumed that these statistics show the number of men having the right to vote. Aside from the fact that the totals given include unnaturalized persons of foreign birth, there are in some of the states restrictions, chiefly based on property and education, which further limit the number of men 21 years of age and over who can vote.

In 1910 men of 21 and over constituted 29.8 per cent of the white population, as compared with 25 per cent of the negro. This difference is mainly due to the fact that many of the whites are foreign born, and the foreign born consist more largely of adults and of males than the natives. Nearly one-half (49.8 per cent) of the foreign-born white population in 1910 consisted of men 21 years of age and over, while of the native white population hardly more than one-fourth (25.9 per cent) were men of that age.



In each of the color or race, nativity, and parentage groups shown in Table 34 (except the relatively unimportant groups of Indians and Chinese) males of 21 and over constituted a larger proportion of the population in 1910 than in 1900. In the case of the foreign-born whites this change indicates a larger proportion of males among the immigrants than formerly. In the other classes it reflects a change in the age distribution of the population, the exact nature and cause of which can only be determined by a detailed study of the age statistics.

Table 35 shows the number of males 21 years of age and over in specified classes of the population in 1910 and 1900, with the citizenship of foreign-born whites, and the increase during the decade.

CLASS OF POPULATION AND CITIZENSHIP.	MALES 21 YEARS OF AGE AND OVER.					
	1910	1900	Increase: <sup>1</sup> 1900-1910		Per cent of total.	
			Number.	Per cent.	1910	1900
<b>Total</b> .....	26,999,151	21,134,299	5,864,852	27.8	100.0	100.0
White.....	24,357,514	18,918,697	5,438,817	28.7	90.2	89.5
Negro.....	2,458,873	2,060,302	398,571	19.3	9.1	9.7
Indian.....	62,967	57,077	5,890	10.3	0.2	0.3
Chinese.....	60,421	81,018	-20,597	-25.4	0.2	0.4
Japanese.....	56,638	17,205	39,433	229.2	0.2	0.1
All other.....	2,738	.....	2,738	.....	( <sup>2</sup> )	.....
Native white.....	17,710,697	14,914,427	3,696,270	26.4	65.6	66.3
Native parentage..	13,211,731	10,569,743	2,641,988	25.0	48.9	50.0
Foreign parentage..	3,215,082	2,535,751	679,331	26.8	11.9	12.0
Mixed parentage..	1,283,884	908,933	374,951	41.3	4.8	4.3
Foreign-born white..	6,646,817	4,904,270	1,742,547	35.5	24.6	23.2
Naturalized.....	3,034,117	2,845,473	188,644	6.6	11.2	13.5
Having first papers	570,772	411,898	158,874	38.6	2.1	1.9
Alien.....	2,266,535	914,917	1,351,618	147.7	8.4	4.3
Citizenship not reported.....	775,393	731,982	43,411	5.9	2.9	3.5

<sup>1</sup> A minus sign (—) denotes decrease.  
<sup>2</sup> Less than one-tenth of 1 per cent.

The number of males 21 and over increased 5,864,852, or 27.8 per cent, between 1900 and 1910. This is a much higher rate of increase than that in the total population, which was 21 per cent. Chiefly on account of the marked predominance of adult males among the foreign-born whites, the distribution of the total number of men of 21 and over among the several color or race, nativity, and parentage groups, as shown in the above table, differs considerably from the distribution of the total population among those groups, as shown in a preceding table (Table 1). Practically one-fourth (24.6 per cent) of the male population 21 years of age and over in 1910 were foreign-born whites, as compared with 14.5 per cent of the total population. Native whites of native parentage constituted 48.9 per cent of the total adult male population and 53.8 per cent of the total population. The corresponding percentages for native whites of foreign or mixed parentage were 16.7 and 20.5, respectively. The percentage of negroes in the male population of 21 and over was 9.1, as compared with 10.7 in the total population. The proportion of

foreign-born whites in the whole number of males 21 years of age and over was higher in 1910 than in 1900, while that of the two principal native white groups and of all colored races except the Japanese was lower.

Of the 6,646,817 foreign-born whites in 1910, 3,034,117, or 45.6 per cent, were returned as naturalized; in 1900 the percentage naturalized was 58. The naturalized foreign-born whites in 1910 constituted 11.2 per cent of the total male population 21 years of age and over. Those reported as aliens in 1910 numbered 2,266,535, or considerably more than twice the number so reported in 1900. It is probable that most of the considerable number of foreign-born whites whose condition as to citizenship was not reported were also aliens. The increase in the proportion of aliens reflects the fact that a larger proportion of the foreign-born whites in 1910 were recent arrivals than was the case in 1900.

**Divisions and states.**—Statistics regarding males 21 years of age and over, by divisions and states, are presented in Table 36 on a subsequent page. The relative importance of the principal color or race, nativity, and parentage classes in the adult male population is graphically shown in the diagram on the opposite page.

Marked differences appear among the divisions and states with respect to the proportion which men of 21 and over form of the total population. These differences are due to differences in the ratio of males to females (compare Tables 23, 25, and 26) or to differences in the age distribution of the population, or to both causes combined. States which receive large accessions to their population, either from foreign countries or from other parts of the United States, have in general a materially larger proportion of men of 21 and over in their population than the other states. Among the geographic divisions, the Pacific and the Mountain divisions showed the highest proportions in 1910 (38.6 per cent and 34.7 per cent, respectively). Very little difference appears among the four northern divisions, in each of which the proportion was practically three-tenths, while in each of the three divisions of the South the proportion was about one-fourth. In every division, and in fact in every state except New Hampshire, Montana, and Colorado, the proportion of males 21 years of age and over was higher in 1910 than in 1900.

In the three southern divisions, where there are comparatively few foreign born, the distribution of males 21 years of age and over among the several color or race, nativity, and parentage groups is not materially different from the corresponding distribution of the total population. (Compare percentages in the last ten columns of Table 36 with percentages in Table 14.) In the North and West, however, chiefly because



of the high proportion of adult males among the foreign-born whites, the distribution of the men of 21 and over among the several classes differs materially from the distribution of the total population. In the New England and Middle Atlantic divisions native whites of native parentage constituted in 1910 not more than two-fifths of the men of 21 and over and only slightly exceeded the foreign-born whites in number. Nearly three-fifths of the total number of men 21 years of age and over in these two divisions were either born abroad or had one or both parents born abroad. In the East North Central, West North Central, Mountain, and Pacific divisions, also, less than half the males of 21 and over were native whites of native parentage.

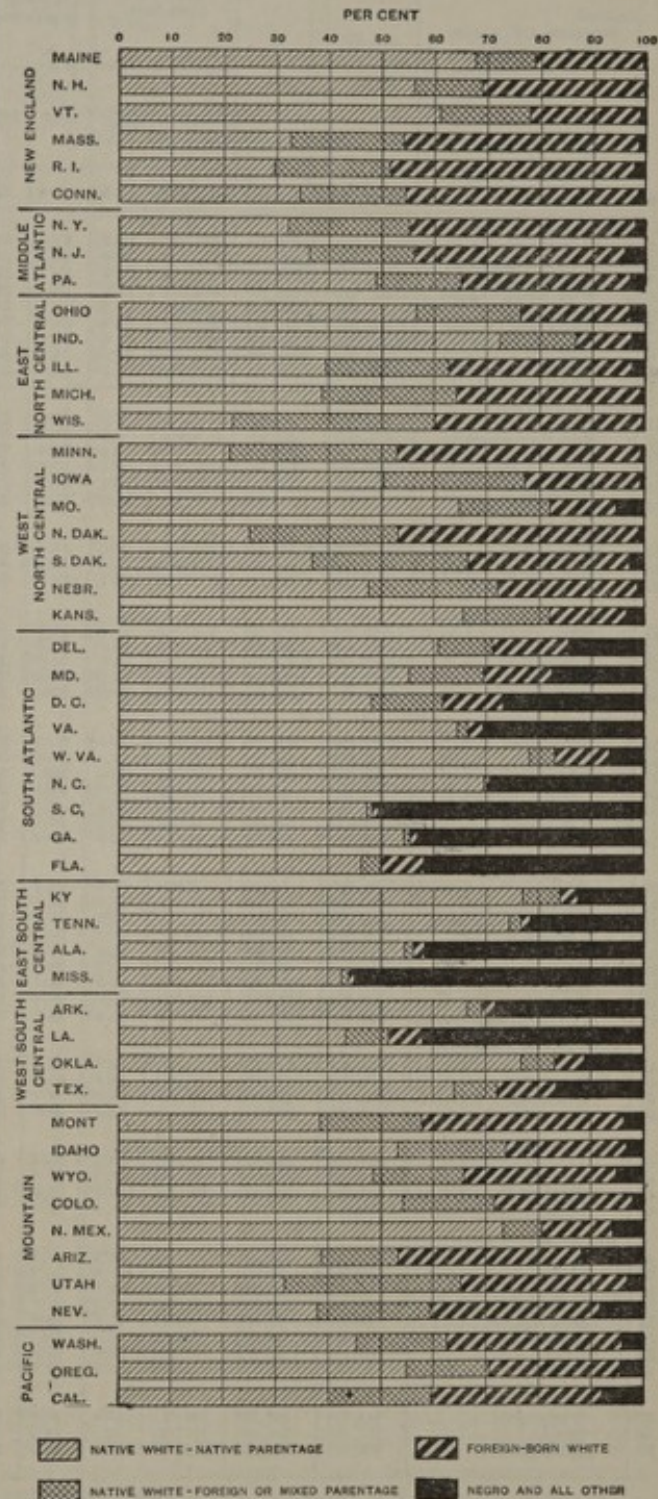
In Massachusetts, Rhode Island, New York, Wisconsin, Minnesota, North Dakota, and Utah less than one-third of the men of 21 and over in 1910 were native whites of native parentage. In each of the states just named except Utah, and also in Connecticut, New Jersey, Illinois, Michigan, Montana, Arizona, and Washington, more than one-third of the total number were foreign-born whites, the proportion in fact exceeding two-fifths in 7 out of the 13 states.

Taking the United States as a whole, the percentage of foreign-born whites in the total male population 21 years of age and over increased from 23.2 in 1900 to 24.6 in 1910. This, however, was the net result of diverse changes in different parts of the country, the changes in some sections being much more pronounced.

In all the New England and Middle Atlantic states there was an increase, and in most cases a marked increase, in the percentage of foreign-born whites in the total male population 21 years of age and over. In New York the percentage increased from 38 in 1900 to 43 in 1910; in Massachusetts, from 40.7 to 44.4; and in Pennsylvania, from 26.7 to 32.1. In three of the East North Central states—Ohio, Indiana, and Illinois—the percentage of foreign-born whites in this class of the population increased; in Michigan and Wisconsin, on the other hand, the percentage decreased. It decreased also in every West North Central state—from 58.3 to 45.8 in North Dakota, from 40.3 to 30.6 in South Dakota, and from 51.5 to 46.4 in Minnesota, the other states of the division showing less striking decreases. The percentage either remained practically stationary or decreased somewhat in every Mountain state except Arizona. In two of the Pacific states, Washington and Oregon, the percentage increased, while in California it declined slightly. In none of the Southern states were the changes in the percentage of foreign-born whites among males 21 years and

over very notable, except in West Virginia, where the percentage increased from 5.2 in 1900 to 10.3 in 1910.

COLOR OR RACE, NATIVITY, AND PARENTAGE OF MALES 21 YEARS OF AGE AND OVER: 1910.





## MALES 21 YEARS OF AGE AND OVER,

[Per cent not shown where base is less than 100.]

Table 36		MALES 21 YEARS OF AGE AND OVER.														
		Total.		Increase: 1900-1910		Per cent of total population.		White.			Negro.			Indian: 1910	Chi- nese: 1910	Jap- anese: 1910
								1910	1900	Per cent of in- crease.	1910	1900	Per cent of in- crease.			
		DIVISION AND STATE.	1910	1900	Number.	Per cent.	1910							1900	1910	1900
1	United States.....	26,999,151	21,134,299	5,864,852	27.8	29.4	27.8	24,357,514	18,918,697	28.7	2,458,873	2,060,302	19.3	62,967	60,421	56,638
2	GEOGRAPHIC DIVISIONS:															
3	New England.....	2,019,096	1,707,955	311,141	18.2	30.8	30.5	1,992,996	1,684,707	18.3	22,074	18,761	17.7	635	3,166	219
4	Middle Atlantic.....	5,920,501	4,537,812	1,382,689	29.9	30.7	29.5	5,770,811	4,441,289	29.9	138,750	104,567	32.7	2,116	7,506	1,301
5	East North Central.....	5,604,500	4,624,078	980,422	21.2	30.7	28.9	5,489,013	4,532,027	21.1	107,170	85,382	25.5	4,909	3,020	382
6	West North Central.....	3,493,637	2,921,551	572,086	19.6	30.0	28.2	3,398,100	2,839,805	19.7	83,219	70,319	18.3	10,348	1,079	865
7	South Atlantic.....	3,071,428	2,496,785	574,643	23.0	25.2	23.9	2,112,547	1,676,493	26.0	955,364	817,224	16.9	2,001	1,404	106
8	East South Central.....	2,096,186	1,794,415	301,771	16.8	24.9	23.8	1,452,776	1,227,076	18.4	642,400	566,371	13.4	577	345	22
9	West South Central.....	2,261,366	1,584,099	677,267	42.8	25.7	24.3	1,755,641	1,183,844	48.3	488,815	385,353	26.8	15,333	1,166	321
10	Mountain.....	913,558	563,499	350,059	62.1	34.7	33.6	871,401	528,651	64.8	8,992	6,824	31.8	18,454	5,060	9,481
	Pacific.....	1,618,879	884,105	734,774	83.1	38.6	36.6	1,514,229	804,805	88.1	12,029	5,501	118.7	8,594	37,675	43,941
11	NEW ENGLAND:															
12	Maine.....	235,727	217,663	18,064	8.3	31.8	31.3	234,855	216,856	8.3	476	445	7.0	288	101	7
13	New Hampshire.....	136,668	130,987	5,681	4.3	31.7	31.8	136,393	130,648	4.4	200	230	-13.0	11	63	1
14	Vermont.....	113,506	108,356	5,150	4.8	31.9	31.5	112,513	108,027	4.2	975	289	237.4	9	8	1
15	Massachusetts.....	1,021,669	843,465	178,204	21.1	30.3	30.1	1,006,431	830,049	21.2	12,591	10,456	20.4	207	2,310	124
16	Rhode Island.....	163,834	127,144	36,690	28.9	30.2	29.7	160,412	124,001	29.4	3,067	2,765	10.9	74	253	28
	Connecticut.....	347,692	280,340	67,352	24.0	31.2	30.9	342,392	275,126	24.4	4,765	4,576	4.1	46	431	58
17	MIDDLE ATLANTIC:															
18	New York.....	2,836,773	2,184,965	651,808	29.8	31.1	30.1	2,783,371	2,145,057	29.8	45,877	31,425	46.0	1,706	4,817	987
19	New Jersey.....	774,702	555,608	219,094	39.4	30.5	29.5	744,843	532,750	39.8	28,601	21,474	33.2	73	1,033	152
	Pennsylvania.....	2,309,026	1,817,239	491,787	27.1	30.1	28.8	2,242,597	1,763,482	27.2	64,272	51,668	24.4	337	1,656	162
20	EAST NORTH CENTRAL:															
21	Ohio.....	1,484,265	1,212,223	272,042	22.4	31.1	29.2	1,444,477	1,180,599	22.4	39,188	31,235	25.5	41	501	58
22	Indiana.....	822,434	720,206	102,228	14.2	30.5	28.6	801,431	701,761	14.2	20,651	18,186	13.6	74	243	33
23	Illinois.....	1,743,182	1,401,456	341,726	24.4	30.9	29.1	1,701,042	1,370,209	24.1	39,983	29,762	34.3	68	1,857	229
24	Michigan.....	870,876	719,478	151,398	21.0	31.0	29.7	862,222	712,245	21.1	6,266	5,193	20.7	2,125	229	33
	Wisconsin.....	683,743	570,715	113,028	19.8	29.3	27.6	679,841	567,213	19.9	1,082	1,006	7.6	2,601	190	29
25	WEST NORTH CENTRAL:															
26	Minnesota.....	642,669	506,794	135,875	26.8	31.0	28.9	636,903	502,384	26.8	3,390	2,168	56.4	2,075	248	51
27	Iowa.....	663,672	635,298	28,374	4.5	29.8	28.5	657,914	630,665	4.3	5,443	4,441	22.6	206	80	27
28	Missouri.....	973,062	856,684	116,378	13.6	29.5	27.6	919,480	809,797	13.5	52,921	46,418	14.0	79	499	80
29	North Dakota.....	173,890	95,217	78,673	82.6	30.1	29.8	171,941	93,237	84.4	311	115	170.4	1,551	35	52
30	South Dakota.....	178,189	112,681	65,508	58.1	30.5	28.1	172,722	107,353	60.9	341	184	85.3	4,991	98	37
31	Nebraska.....	353,626	301,091	52,535	17.4	29.7	28.2	348,915	297,817	17.2	3,225	2,298	40.3	835	106	527
	Kansas.....	508,529	413,786	94,743	22.9	30.1	28.1	490,225	398,552	23.0	17,588	14,695	19.7	612	13	91
32	SOUTH ATLANTIC:															
33	Delaware.....	61,887	54,018	7,869	14.6	30.6	29.2	52,804	45,592	15.8	9,050	8,374	8.1	.....	29	4
34	Maryland.....	367,908	321,903	46,005	14.3	28.4	27.1	303,561	260,979	16.3	63,963	60,406	5.9	13	359	13
35	District of Columbia.....	103,761	83,823	19,938	23.8	31.3	30.1	75,765	60,318	25.6	27,621	23,072	19.7	22	312	36
36	Virginia.....	523,532	447,815	75,717	16.9	25.4	24.2	503,659	401,379	20.7	159,593	146,122	9.2	133	136	11
37	West Virginia.....	338,349	247,970	90,379	36.4	27.7	25.9	315,698	233,129	35.3	22,757	14,786	53.9	8	84	2
38	North Carolina.....	506,134	417,578	88,556	21.2	22.9	22.0	357,611	289,263	23.6	146,732	127,114	15.4	1,703	66	2
39	South Carolina.....	335,046	283,325	51,721	18.3	22.1	21.1	165,769	130,375	27.1	169,155	152,860	10.7	71	49	2
40	Georgia.....	620,616	500,752	119,864	23.9	23.8	22.6	553,569	477,496	27.4	266,814	223,073	19.6	24	206	3
	Florida.....	214,195	139,601	74,594	53.4	28.5	26.4	124,311	77,962	59.5	89,659	61,417	46.0	27	163	34
41	EAST SOUTH CENTRAL:															
42	Kentucky.....	603,454	543,996	59,458	10.9	26.4	25.3	527,661	469,206	12.5	75,094	74,728	1.3	48	42	9
43	Tennessee.....	552,668	487,380	65,288	13.4	25.3	24.1	433,431	375,046	15.6	119,142	112,236	6.2	46	40	8
44	Alabama.....	513,111	413,862	99,249	24.0	24.0	22.6	298,943	232,294	28.7	213,923	181,471	17.9	181	57	4
	Mississippi.....	426,953	349,177	77,776	22.3	23.8	22.5	192,741	150,530	28.0	233,701	197,936	18.1	302	206	1
45	WEST SOUTH CENTRAL:															
46	Arkansas.....	396,824	313,836	81,988	26.1	25.1	23.9	284,301	226,597	25.5	111,365	87,157	27.8	95	54	9
47	Louisiana.....	414,919	325,943	88,976	27.3	25.0	23.6	240,001	177,878	34.9	174,211	147,348	18.2	154	441	25
48	Oklahoma <sup>1</sup> .....	447,266	206,552	240,714	116.5	27.0	26.1	395,377	179,408	120.4	36,841	13,973	163.7	14,880	129	39
	Texas.....	1,003,357	737,768	265,589	36.0	25.7	24.2	835,962	599,961	39.3	166,398	136,875	21.6	204	542	248
49	MOUNTAIN:															
50	Montana.....	155,017	101,931	53,086	52.1	41.2	41.9	148,733	94,873	56.8	851	711	19.7	2,766	1,168	1,486
51	Idaho.....	110,863	53,932	56,931	105.6	34.0	33.3	107,469	50,328	113.5	328	130	152.3	1,039	811	1,205
52	Wyoming.....	63,201	37,898	25,303	66.8	43.3	41.0	59,698	36,262	64.6	1,325	481	175.5	419	219	1,463
53	Colorado.....	271,648	185,708	85,940	46.3	34.0	34.4	264,603	181,616	45.7	4,283	3,215	33.2	324	341	2,096
54	New Mexico.....	94,637	55,067	39,570	71.9	28.9	28.2	88,733	50,804	74.7	644	775	-16.9	4,793	230	237
55	Arizona.....	74,051	44,081	29,970	68.0	36.2	35.9	65,097	34,911	86.5	764	1,084	-29.5	6,701	1,166	323
56	Utah.....	104,115	67,172	36,943	55.0	27.9	24.3	100,436	65,205	54.0	568	358	58.7	885	324	1,889
	Nevada.....	40,026	17,710	22,316	126.0	48.9	41.8	36,632	14,652	150.0	229	70	.....	1,527	801	782
57	PACIFIC:															
58	Washington.....	441,294	195,572	245,722	125.6	38.6	37.7	422,679	183,999	129.7	3,120	1,230	153.7	2,858	2,304	10,165
59	Oregon.....	257,188	144,446	112,742	78.1	38.2	34.9	245,343	131,261	86.9	766	560	36.8	1,235	6,710	2,834
	California.....	920,397	544,087	376,310	69.2	38.7	36.6	846,207	489,545	72.9	8,143	3,711	119.4	4,501	28,661	30,942

<sup>1</sup> Includes population of Indian Territory for 1900.



# MALES 21 YEARS OF AGE AND OVER.

111

BY DIVISIONS AND STATES: 1910 AND 1900.

A minus sign (—) denotes decrease.]

MALES 21 YEARS OF AGE AND OVER.										PER CENT OF TOTAL.									
Native white.						Foreign-born white.				White.		Negro.		Native white.				Foreign-born white.	
Native parentage.			Foreign or mixed parentage.			1910		1900						Per cent of increase.		Native parentage.			
1910	1900	Per cent of increase.	1910	1900	Per cent of increase.					1910	1900	1910	1900			1910	1900	1910	1900
1	13,211,731	10,569,743	25.0	4,498,966	3,444,684	30.6	6,646,817	4,904,270	35.5	90.2	89.5	9.1	9.7	48.9	50.0	16.7	16.3	24.6	23.2
2	808,405	788,221	2.6	387,744	298,663	29.8	796,847	597,823	33.3	98.7	98.6	1.1	1.1	40.0	46.1	19.2	17.5	39.5	35.0
3	2,320,175	1,971,882	17.7	1,178,365	958,532	22.9	2,272,271	1,510,875	50.4	97.5	97.4	2.3	2.3	39.2	43.3	19.9	21.0	38.4	33.1
4	2,613,162	2,207,411	18.4	1,302,508	1,039,999	25.2	1,573,343	1,284,617	22.5	97.9	98.0	1.9	1.8	46.6	47.7	23.2	22.5	28.1	27.8
5	1,711,122	1,448,882	18.1	817,570	600,914	36.1	869,408	790,009	10.1	97.3	97.2	2.4	2.4	49.0	49.6	23.4	20.6	24.9	27.0
6	1,841,213	1,466,826	25.5	120,669	105,484	14.4	150,665	104,183	44.6	68.8	67.1	31.1	32.7	59.9	58.7	3.9	4.2	4.9	4.2
7	1,337,122	1,111,980	20.2	69,346	67,651	2.5	46,308	47,445	-2.4	69.3	68.4	30.6	31.6	63.8	62.0	3.3	3.8	2.2	2.6
8	1,428,856	943,878	51.4	154,845	109,035	42.0	171,940	130,931	31.3	77.6	74.7	21.6	24.3	63.2	59.6	6.8	6.9	7.6	8.3
9	442,848	257,597	71.9	171,016	106,192	61.0	257,537	164,862	56.2	95.4	93.8	1.0	1.2	48.5	45.7	18.7	18.8	28.2	29.3
10	708,828	373,066	90.0	296,903	158,214	87.7	508,498	273,525	85.9	93.5	91.0	0.7	0.6	43.8	42.2	18.3	17.9	31.4	30.9
11	159,769	157,377	1.5	26,622	20,964	27.0	48,464	38,515	25.8	99.6	99.6	0.2	0.2	67.8	72.3	11.3	9.6	20.6	17.7
12	76,639	82,383	-7.0	17,798	13,496	31.9	41,956	34,769	20.7	99.8	99.7	0.1	0.2	56.1	62.9	13.0	10.3	30.7	26.5
13	69,387	68,837	0.8	19,367	18,324	5.7	23,759	20,846	14.0	99.1	99.7	0.9	0.3	61.1	63.5	17.1	16.9	20.9	19.2
14	334,346	320,943	4.2	218,484	165,584	31.9	453,601	343,522	32.0	98.5	98.4	1.2	1.2	32.7	38.1	21.4	19.6	44.4	40.7
15	48,513	44,893	8.1	36,000	25,340	42.1	75,899	53,768	41.2	97.9	97.5	1.9	2.2	29.6	35.3	22.0	19.9	46.3	42.3
16	119,751	113,768	5.3	69,473	54,955	26.4	153,168	106,403	44.0	98.5	98.1	1.4	1.6	34.4	40.6	20.0	19.6	44.1	38.0
17	909,494	782,487	16.2	652,864	533,096	22.5	1,221,013	829,474	47.2	98.1	98.2	1.6	1.4	32.1	35.8	23.0	24.4	43.0	38.0
18	281,269	224,644	25.2	153,926	111,508	38.0	309,648	196,598	57.5	96.1	95.9	3.7	3.9	36.3	40.4	19.9	20.1	40.0	36.4
19	1,129,412	964,751	17.1	371,575	313,928	18.4	741,610	484,803	53.0	97.1	97.0	2.8	2.8	48.9	53.1	16.1	17.3	32.1	26.7
20	841,556	697,956	20.6	294,443	256,955	14.6	308,478	225,688	36.7	97.3	97.4	2.6	2.6	56.7	57.6	19.8	21.2	20.8	18.6
21	596,119	517,446	15.2	116,385	111,228	4.6	88,927	73,087	21.7	97.4	97.4	2.5	2.5	72.5	71.8	14.2	15.4	10.8	10.1
22	689,200	586,773	17.5	407,318	316,313	28.8	604,524	467,123	29.4	97.6	97.8	2.3	2.1	39.5	41.9	23.4	22.6	34.7	33.3
23	337,651	288,293	17.1	222,394	162,537	36.8	302,177	261,415	15.6	99.0	99.0	0.7	0.7	38.8	40.1	25.5	22.6	34.7	36.3
24	148,636	116,943	27.1	261,968	192,966	35.8	269,237	257,304	4.6	99.4	99.4	0.2	0.2	21.7	20.5	38.3	33.8	39.4	45.1
25	135,494	104,577	29.6	233,127	137,054	48.2	298,282	260,753	14.4	99.1	99.1	0.5	0.4	21.1	20.6	31.6	27.0	46.4	51.5
26	333,621	321,513	3.8	177,413	151,246	17.3	146,880	157,906	-7.0	99.1	99.3	0.8	0.7	50.3	50.6	26.7	23.8	22.1	24.9
27	630,878	551,438	14.4	167,198	145,876	14.6	121,404	112,483	7.9	94.5	94.5	5.4	5.4	64.8	64.4	17.2	17.0	12.5	13.1
28	43,358	19,777	119.2	48,982	17,902	172.9	79,721	55,558	43.5	98.9	97.9	0.2	0.1	24.9	20.8	28.1	18.8	45.8	58.3
29	65,769	35,381	85.9	52,425	26,526	97.6	54,528	45,446	20.0	96.9	95.3	0.2	0.2	36.9	31.4	29.4	23.5	30.6	40.3
30	168,559	147,508	14.3	86,011	59,384	44.8	94,345	90,925	3.8	98.7	98.9	0.9	0.8	47.7	49.0	24.3	19.7	26.7	30.2
31	333,443	268,688	24.1	82,534	62,926	31.2	74,248	66,938	10.9	96.4	96.3	3.5	3.6	65.6	64.9	16.2	15.2	14.6	16.2
32	37,677	33,270	13.2	6,351	5,575	13.9	8,776	6,747	30.1	85.3	84.4	14.6	15.5	60.9	61.6	10.3	10.3	14.2	12.5
33	203,284	172,003	18.2	52,304	46,965	11.4	47,973	42,011	14.2	82.5	81.1	17.4	18.8	55.3	53.4	14.2	14.6	13.0	13.1
34	49,949	39,557	26.3	14,078	11,161	26.1	11,738	9,600	22.3	73.0	72.0	26.6	27.5	48.1	47.2	13.6	13.3	11.3	11.5
35	338,098	280,881	20.4	10,679	9,413	13.4	14,882	11,085	34.3	69.5	67.3	30.5	32.6	64.6	62.7	2.0	2.1	2.8	2.5
36	264,694	205,216	29.0	16,117	15,035	7.2	34,687	12,878	169.4	93.2	94.0	6.7	6.0	78.2	82.8	4.8	6.1	10.3	5.2
37	352,032	284,601	23.7	2,283	2,211	3.3	3,296	2,451	34.5	70.7	69.3	29.0	30.4	69.6	68.2	0.5	0.5	0.7	0.6
38	159,099	124,097	28.1	3,405	3,299	3.2	3,355	2,979	12.6	49.5	46.0	50.5	54.0	47.5	43.8	1.0	1.2	1.0	1.1
39	337,267	263,929	27.8	7,789	6,860	13.5	8,513	6,707	26.9	57.0	55.4	43.0	44.5	54.3	52.7	1.3	1.4	1.4	1.3
40	99,203	63,272	56.8	7,663	4,965	54.3	17,445	9,725	79.4	58.0	55.8	41.9	44.0	46.3	45.3	3.6	3.6	8.1	7.0
41	464,524	402,244	15.5	42,697	41,823	2.1	20,440	25,139	-18.7	87.4	86.3	12.5	13.7	77.0	73.9	7.1	7.7	3.4	4.6
42	411,200	353,621	16.3	12,119	11,916	1.7	10,112	9,509	6.3	78.4	77.0	21.6	23.0	74.4	72.6	2.2	2.4	1.8	2.0
43	279,957	216,050	29.6	8,465	8,162	3.7	10,521	8,082	30.2	58.3	56.1	41.7	43.8	54.6	52.2	1.6	2.0	2.1	2.0
44	181,441	140,065	29.5	6,065	5,750	5.5	5,235	4,715	11.0	45.1	43.1	54.7	56.7	42.5	40.1	1.4	1.6	1.2	1.4
45	263,215	208,967	26.0	11,368	9,352	21.6	9,718	8,278	17.4	71.8	72.2	28.1	27.8	66.5	66.6	2.9	3.0	2.5	2.6
46	179,778	121,356	48.1	33,704	31,182	8.1	26,519	25,340	4.7	57.8	54.6	42.0	45.2	43.3	37.2	8.1	9.6	6.4	7.8
47	343,399	154,692	122.0	28,427	13,176	115.7	23,551	11,540	104.1	88.4	86.9	8.2	6.8	76.8	74.9	6.4	6.4	5.3	5.6
48	642,464	458,863	40.0	81,346	55,325	47.0	112,152	85,773	30.8	83.3	81.3	16.6	18.6	64.0	62.2	8.1	7.5	11.2	11.6
49	59,657	35,130	69.8	29,763	19,760	50.6	59,313	39,983	48.3	95.9	93.1	0.5	0.7	38.5	34.5	19.2	19.4	38.3	39.2
50	58,978	25,786	128.7	22,647	11,051	104.9	25,844	13,491	91.6	96.9	93.3	0.3	0.2	53.2	47.8	20.4	20.5	23.3	25.0
51	30,706	18,012	70.5	10,729	7,639	40.5	18,263	10,611	72.1	94.5	95.7	2.1	1.3	48.6	47.5	17.0	20.2	28.9	28.0
52	147,268	99,563	47.9	46,821	30,891	51.6	70,514	51,162	37.8	97.4	97.8	1.6	1.7	54.2	53.6	17.2	16.6	26.0	27.5
53	69,289	39,171	76.9	6,942	4,382	58.4	12,502	7,251	72.4	93.8	92.3	0.7	1.4	73.2	71.1	7.3	8.0	13.2	13.2
54	28,752	16,183	77.7	10,663	6,567	62.4	25,682	12,161	111.2	87.9	79.2	1.0	2.5	38.8	36.7	14.4	14.9	34.7	27.6
55	32,979	18,321	80.0	34,805	222														

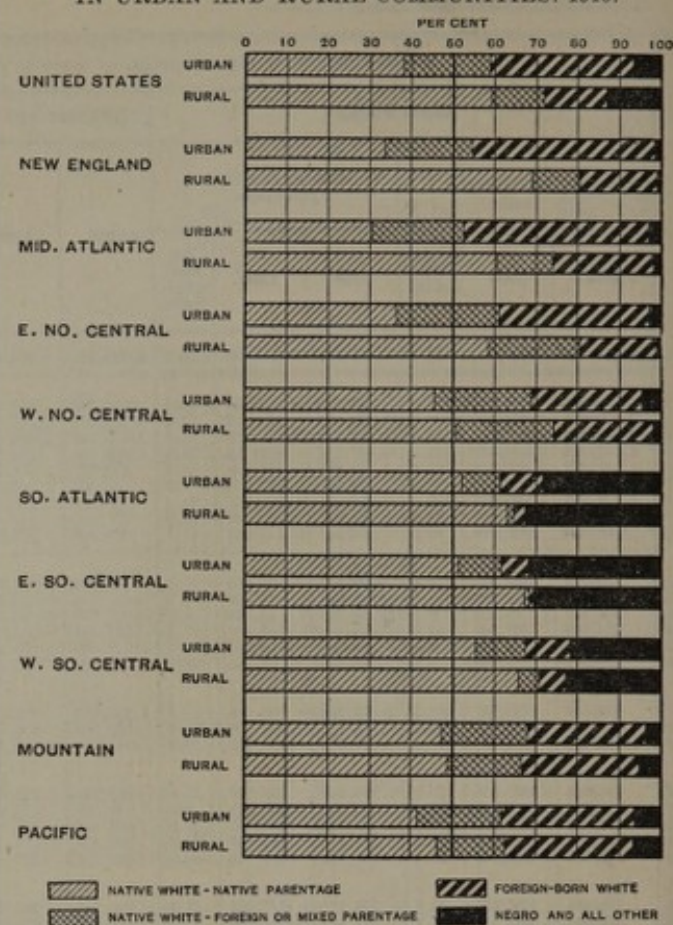


**Urban and rural communities.**—Table 37 shows, for each geographic division, the number of males 21 years of age and over in 1910 in urban and rural communities, respectively, classified according to color or race, nativity, and parentage. The percentages formed by the several classes of population are also shown graphically in the accompanying diagram.

In the United States as a whole males 21 years of age and over formed a larger proportion of the total population in 1910 in urban than in rural communities, but the opposite was the case in the New England, Middle Atlantic, and Mountain divisions.

In the urban communities of the United States as a whole in 1910, only 38.2 per cent of the males 21 years of age and over were native whites of native parentage, while 34.3 per cent were foreign-born whites and 20.8 per cent native whites of foreign or mixed parentage; thus considerably over one-half of the total either were born abroad or had one or both parents born abroad. In rural communities, on the other hand, nearly three-fifths (59.4 per cent) of the males of 21 years and over were native whites of native parentage, only 27.7 per cent being foreign-born whites and native whites of foreign or mixed parentage. In the Middle Atlantic and New England divisions the proportion of native whites of native parentage among males of 21 years and over in urban communities was especially low (30.2 and 33.7 per cent, respectively), and the proportion of foreign-born whites especially high (44.2 and 44 per cent, respectively).

DISTRIBUTION OF MALES 21 YEARS OF AGE AND OVER IN URBAN AND RURAL COMMUNITIES: 1910.



MALES 21 YEARS OF AGE AND OVER IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

DIVISION AND CLASS OF COMMUNITY.	MALES 21 YEARS OF AGE AND OVER.							PER CENT OF TOTAL.						
	Total.	Per cent of total population.	White.	Negro.	Indian, Chinese, Japanese, and all other.	Native white.			White.	Negro.	Indian, Chinese, Japanese, and all other.	Native white.		
						Native parentage.	Foreign or mixed parentage.	Foreign-born white.				Native parentage.	Foreign or mixed parentage.	Foreign-born white.
United States.....	26,999,151	29.4	24,357,514	2,458,873	182,764	13,211,731	4,498,966	6,646,817	90.2	9.1	0.7	48.9	16.7	24.6
Urban.....	13,341,135	31.3	12,453,858	811,945	75,332	5,092,259	2,779,541	4,582,058	93.3	6.1	0.6	38.2	20.8	34.3
Rural.....	13,658,016	27.7	11,903,656	1,646,928	107,432	8,119,472	1,719,425	2,064,759	87.2	12.1	0.8	59.4	12.6	15.1
NEW ENGLAND.....	2,019,096	30.8	1,992,996	22,074	4,026	808,405	387,744	796,847	98.7	1.1	0.2	40.0	19.2	39.5
Urban.....	1,658,155	30.4	1,634,413	20,170	3,572	559,077	346,146	729,190	98.6	1.2	0.2	33.7	20.9	44.0
Rural.....	360,941	32.9	358,583	1,904	454	249,328	41,598	67,657	99.3	0.5	0.1	69.1	11.5	18.7
MIDDLE ATLANTIC.....	5,920,501	30.7	5,770,811	138,750	10,940	2,320,175	1,178,365	2,272,271	97.5	2.3	0.2	39.2	19.9	38.4
Urban.....	4,177,617	30.4	4,055,787	113,137	8,693	1,263,179	944,316	1,848,292	97.1	2.7	0.2	30.2	22.6	44.2
Rural.....	1,742,884	31.2	1,715,024	25,613	2,247	1,056,996	234,049	423,979	98.4	1.5	0.1	60.6	13.4	24.3
EAST NORTH CENTRAL.....	5,604,500	30.7	5,480,013	107,170	8,317	2,613,162	1,302,508	1,573,343	97.9	1.9	0.1	46.6	23.2	28.1
Urban.....	3,042,818	31.6	2,955,156	83,991	3,671	1,115,297	742,534	1,097,325	97.1	2.8	0.1	36.7	24.4	36.1
Rural.....	2,561,682	29.7	2,524,857	23,179	4,646	1,497,865	559,974	476,018	98.9	0.9	0.2	58.5	21.9	18.6
WEST NORTH CENTRAL.....	3,493,637	30.0	3,398,100	83,219	12,318	1,711,122	817,570	869,408	97.3	2.4	0.4	49.0	23.4	24.9
Urban.....	1,267,791	32.7	1,206,967	58,938	1,886	579,723	294,915	332,329	95.2	4.6	0.1	45.7	23.3	26.2
Rural.....	2,225,846	28.7	2,191,133	24,281	10,432	1,131,399	522,655	537,079	98.4	1.1	0.5	50.8	23.5	24.1
SOUTH ATLANTIC.....	3,071,428	25.2	2,112,547	955,364	3,517	1,841,213	120,669	150,665	68.8	31.1	0.1	59.9	3.9	4.9
Urban.....	892,835	28.9	641,383	250,083	1,399	466,228	83,620	91,535	71.8	28.0	0.2	52.2	9.4	10.3
Rural.....	2,178,593	23.9	1,471,164	705,281	2,148	1,374,985	37,049	59,130	67.5	32.4	0.1	63.1	1.7	2.7
EAST SOUTH CENTRAL.....	2,096,186	24.9	1,452,776	642,460	950	1,337,122	69,346	46,308	69.3	30.6	(1)	63.8	3.3	2.2
Urban.....	460,715	29.3	314,122	146,339	254	237,209	47,547	29,366	68.2	31.8	0.1	51.5	10.3	6.4
Rural.....	1,635,471	23.9	1,138,654	496,121	696	1,099,913	21,799	16,942	69.6	30.3	(2)	67.3	1.3	1.0
WEST SOUTH CENTRAL.....	2,261,366	25.7	1,755,641	488,815	16,910	1,428,856	154,845	171,940	77.6	21.6	0.7	63.2	6.8	7.6
Urban.....	589,580	30.1	463,854	123,640	2,086	329,121	68,616	66,117	78.7	21.0	0.4	55.8	11.6	11.2
Rural.....	1,671,786	24.5	1,291,787	365,175	14,824	1,099,735	86,229	105,823	77.3	21.8	0.9	65.8	5.2	6.3
MOUNTAIN.....	913,558	34.7	871,401	8,992	33,165	442,848	171,016	257,537	95.4	1.0	3.6	48.5	18.7	28.2
Urban.....	327,456	34.6	315,368	6,010	6,078	155,799	67,451	92,118	96.3	1.8	1.9	47.6	20.6	28.1
Rural.....	586,102	34.8	556,033	2,982	27,087	287,049	103,565	165,419	94.9	0.5	4.6	49.0	17.7	28.2
PACIFIC.....	1,618,879	38.6	1,514,229	12,029	92,621	708,828	296,903	508,498	93.5	0.7	5.7	43.8	18.3	31.4
Urban.....	924,168	38.8	896,808	9,637	47,723	386,626	184,396	295,786	93.8	1.0	5.2	41.8	20.0	32.0
Rural.....	694,711	38.4	647,421	2,392	44,898	322,202	112,507	212,712	93.2	0.3	6.5	46.4	16.2	30.6

1 Less than one-tenth of 1 per cent



# MALES 21 YEARS OF AGE AND OVER.

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**Principal cities.**—Statistics regarding males 21 years of age and over in cities of 100,000 inhabitants or more in 1910 are presented in Table 38, and similar statistics in somewhat less detail for cities having from 25,000 to 100,000 inhabitants are presented in Table 39.

Among the cities of 100,000 inhabitants or more in 1910 there were seven in which males 21 years of age and over formed more than 35 per cent of the total population, namely, Kansas City, Mo., Los Angeles, Oakland, Portland, Oreg., San Francisco, Seattle, and Spokane. In New York City the percentage was 30.1, and in no city did the percentage fall below 26.

Foreign-born whites constituted at least one-half of the males 21 years of age and over in 1910 in Bridgeport, Chicago, Cleveland, Detroit, Fall River (63.8 per cent, the highest for any city of 100,000 inhabitants or more), Lowell, New York City (57.8 per cent), Paterson, and Worcester. On the other hand, native whites of native parentage formed less than one-fifth of the total number in Chicago, Fall River (11.3 per cent), Lowell, Milwaukee, New York City (16 per cent), and Paterson. The percentage of native whites of foreign or mixed parentage was especially high in Buffalo, Cincinnati, Milwaukee, Rochester, St. Louis, and St. Paul.

MALES 21 YEARS OF AGE AND OVER IN CITIES OF 100,000 INHABITANTS OR MORE: 1910 AND 1900.

CITY.	MALES 21 YEARS OF AGE AND OVER.												PER CENT OF TOTAL: 1910				
	Total.		Per cent of total population.		Native white.				Foreign-born white.		Negro.		Indian, Chinese, Japanese, and all other: 1910	Native white.		Negro.	
					Native parentage.		Foreign or mixed parentage.							Native parentage.	Foreign or mixed parentage.		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900			Native parentage.		Foreign or mixed parentage.
Albany, N. Y.	32,000	28,410	31.9	30.2	11,959	9,663	11,435	10,478	8,192	7,768	379	490	35	37.4	35.7	25.6	1.2
Atlanta, Ga.	44,510	23,185	28.7	25.8	26,625	12,932	1,665	1,055	2,287	1,258	13,865	7,806	68	59.8	3.7	5.1	31.2
Baltimore, Md.	163,554	141,271	29.3	27.8	68,492	57,502	34,895	31,997	33,638	29,515	26,214	21,806	315	41.9	21.3	20.6	16.0
Birmingham, Ala.	40,699	12,246	30.7	31.9	19,403	5,825	1,811	752	2,944	973	16,441	4,689	10	47.9	4.4	7.2	40.4
Boston, Mass.	208,321	176,068	31.1	31.4	47,806	47,733	51,139	41,701	103,160	81,058	5,070	4,441	1,146	22.9	24.5	49.5	2.4
Bridgeport, Conn.	32,991	21,952	32.3	30.9	8,402	6,516	6,945	5,066	17,114	9,943	471	357	59	25.5	21.1	51.9	1.4
Buffalo, N. Y.	128,133	97,938	30.2	27.8	30,517	20,418	40,446	31,903	56,337	44,869	740	652	93	23.8	31.6	44.0	0.6
Cambridge, Mass.	30,262	26,864	28.9	29.2	7,048	7,636	7,093	5,985	14,636	12,004	1,384	1,131	101	23.3	23.4	48.4	4.6
Chicago, Ill.	700,590	511,048	32.1	30.1	125,703	103,674	175,397	121,804	379,850	271,962	17,845	12,414	1,795	17.9	25.0	54.2	2.5
Cincinnati, Ohio.	113,919	92,799	31.3	28.5	37,419	22,314	42,366	38,628	26,723	26,844	7,387	4,997	24	32.8	37.2	23.5	6.5
Cleveland, Ohio.	177,386	111,522	31.6	29.2	36,358	23,637	43,058	28,441	94,431	56,973	3,298	2,368	241	20.5	24.3	53.2	1.9
Columbus, Ohio.	60,892	40,071	33.5	31.9	36,090	22,280	11,244	8,838	8,487	5,980	5,028	2,955	43	59.3	18.5	13.9	8.3
Dayton, Ohio.	38,236	25,746	32.8	30.2	21,281	12,984	7,848	6,828	7,303	4,790	1,781	1,124	23	55.7	20.5	19.1	4.2
Denver, Colo.	71,990	42,712	33.7	31.9	34,118	20,877	15,934	8,426	19,204	11,778	1,999	1,331	735	47.4	22.1	26.7	2.8
Detroit, Mich.	150,017	78,855	32.2	27.6	32,653	15,830	39,761	21,426	75,323	40,216	2,224	1,372	56	21.8	26.5	50.2	1.5
Fall River, Mass.	31,647	26,842	26.5	25.6	3,561	3,582	7,699	5,379	20,181	17,732	133	71	73	11.3	24.3	63.8	0.4
Grand Rapids, Mich.	34,295	24,906	30.5	28.4	11,792	8,279	8,527	5,745	13,689	10,683	264	192	23	34.4	24.9	39.9	0.8
Indianapolis, Ind.	76,743	52,644	32.8	31.1	45,583	27,990	13,149	10,987	10,407	8,335	7,556	5,200	46	59.4	17.1	13.6	9.8
Jersey City, N. J.	80,866	60,319	30.2	29.2	17,336	13,444	23,574	18,300	37,707	27,104	2,104	1,290	145	21.4	29.2	46.6	2.6
Kansas City, Mo.	87,457	53,708	35.2	32.8	51,616	29,881	13,601	8,761	13,052	9,183	9,101	5,797	87	59.0	15.6	14.9	10.4
Los Angeles, Cal.	114,889	33,049	36.0	32.2	57,829	16,024	20,228	5,765	29,576	8,618	2,571	632	4,685	50.3	17.6	25.7	2.2
Louisville, Ky.	67,676	59,561	30.2	29.1	28,456	20,921	17,190	16,175	8,334	10,047	13,687	12,416	9	42.0	25.4	12.3	20.2
Lowell, Mass.	31,300	27,059	29.4	28.5	5,859	6,259	7,156	5,392	18,191	15,305	44	47	50	18.7	22.9	58.1	0.1
Memphis, Tenn.	44,309	31,405	33.8	30.7	19,781	11,172	3,847	3,256	3,403	2,697	17,238	14,251	40	44.6	8.7	7.7	38.9
Milwaukee, Wis.	113,106	75,029	30.3	26.3	15,436	7,872	41,114	26,313	56,101	40,455	396	358	59	13.6	36.3	49.6	0.4
Minneapolis, Minn.	105,305	63,711	34.9	31.4	31,749	18,401	27,053	14,422	45,159	30,227	1,227	637	117	30.1	25.7	42.9	1.4
Nashville, Tenn.	30,774	22,191	27.9	27.4	17,422	11,178	2,196	2,061	1,435	1,457	9,713	7,476	8	56.6	7.1	4.7	31.4
New Haven, Conn.	40,510	32,566	30.3	30.1	10,853	10,990	9,186	7,582	19,194	13,030	1,191	863	86	26.8	22.7	47.4	2.9
New Orleans, La.	96,997	75,440	28.6	26.3	33,767	18,910	24,134	22,699	13,486	13,603	25,269	19,809	341	34.5	24.9	13.9	26.1
New York, N. Y.	1,433,749	1,007,670	30.1	29.3	229,362	178,900	339,611	264,205	828,793	539,746	30,855	18,651	5,128	16.0	23.7	57.8	2.2
Manhattan Borough.	787,555	555,726	31.2	29.9	99,114	83,850	142,087	129,061	461,246	324,851	21,279	11,638	3,889	13.6	19.5	63.4	1.4
Bronx Borough.	186,935	67,808	29.5	28.8	19,547	10,029	37,266	17,470	68,676	29,348	1,869	757	187	15.4	29.4	64.1	1.4
Brooklyn Borough.	470,388	332,715	28.8	28.5	86,753	70,724	127,157	89,833	248,544	155,600	7,011	5,275	922	18.4	27.0	52.8	0.8
Queens Borough.	82,373	43,170	29.0	28.2	19,724	8,421	26,206	12,503	38,350	21,383	859	681	134	20.5	31.8	46.6	1.1
Richmond Borough.	26,500	20,257	30.8	30.2	7,225	5,766	6,905	5,348	11,977	8,798	337	300	66	27.5	26.1	45.2	1.1
Newark, N. J.	103,234	70,558	29.7	28.7	24,386	17,656	25,938	19,195	49,674	31,483	3,015	1,966	221	23.6	25.1	48.1	2.2
Oakland, Cal.	53,967	20,851	35.9	31.1	17,046	6,987	12,783	4,863	19,334	7,701	1,238	355	3,566	31.6	23.7	35.8	2.8
Omaha, Neb.	43,216	34,620	34.8	33.8	17,601	15,022	9,874	6,883	13,788	11,383	1,885	1,257	68	40.7	22.8	31.9	4.7
Paterson, N. J.	36,873	29,648	29.4	28.2	7,115	5,774	9,046	6,923	20,182	16,475	453	356	77	19.3	24.5	54.7	1.7
Philadelphia, Pa.	468,813	386,953	30.3	29.9	160,396	141,741	112,186	96,070	167,072	127,915	28,120	20,095	1,039	34.2	23.9	35.6	6.4
Pittsburgh, Pa.	166,424	136,421	31.2	30.2	45,933	37,060	40,737	35,507	70,148	55,958	9,362	7,719	244	27.6	24.5	42.2	5.6
Portland, Oreg.	88,908	38,353	42.9	42.4	41,408	13,886	15,283	6,312	25,230	9,636	525	386	6,462	46.6	17.2	28.4	2.8
Providence, R. I.	68,983	53,131	30.8	30.3	17,920	16,755	16,102	11,759	32,863	22,868	1,765	1,500	243	26.0	23.5	47.6	2.2
Richmond, Va.	37,204	23,426	29.2	27.6	19,551	11,799	2,320	1,745	2,040	1,401	13,279	8,472	14	52.6	6.2	5.5	35.5
Rochester, N. Y.	69,564	45,393	31.9	27.9	20,467	12,459	21,683	15,508	27,067	17,242	306	175	42	29.4	31.2	38.9	0.7
St. Louis, Mo.	221,913	171,798	32.3	29.9	67,002	42,588	74,623	61,948	63,440	55,223	16,381	11,727	467	30.2	33.6	28.6	7.0
St. Paul, Minn.	72,073	51,027	33.6	31.3	18,559	13,102	22,832	14,407	29,048	22,435	1,573	1,031	61	25.8	31.7	40.3	2.2
San Francisco, Cal.	175,951	128,985	42.2	37.6	41,619	27,179	46,740	33,579	75,768	56,102	831	619	10,993	23.7	26.6	43.1	0.5
Scranton, Pa.	37,959	28,075	28.5	27.5	8,759	6,170	10,617	8,056	17,461	13,629	216	207	6	23.6	28.6	47.1	0.5
Seattle, Wash.	101,685	39,503	42.9	49.0	41,632	19,634	17,323	5,442	36,997	11,521	1,204	169	5,429	40.9	17.0	35.5	1.1
Spokane, Wash.	40,254	14,944	38.6	40.6	18,893	7,259	8,147	2,857	12,389	4,324	305	169	520	46.9	20.2	30.8	0.1
Syracuse, N. Y.	44,713	32,499	32.6	30.0	17,377	11,826	11,940	9,883	14,944	10,404	437	356	15	38.9	26.7	33.4	0.8
Toledo, Ohio.	52,748	38,257	31.3	29.0	21,209	13,919	14,955	10,859	15,826	12,843	719	606	39	40.2	28.4	30.0	1.1
Washington, D. C.	103,761	83,823	31.3	30.1	49,949	39,557	14,078	11,161	11,738	9,600	27,621	23,072	375	48.1	13.6	11.3	26.0
Washington, D. C.	103,761	83,823	31.3	30.1	49,949	39,557	14,078	11,161	11,738	9,600	27,621	23,072	375	48.1	13.6	11.3	26.0
Worcester, Mass.	45,601	35,743	31.2	30.2	12,343	11,319	9,988	7,441	22,816	16,541	384	339	70	27.1	21.9	50.0	0.1

\* Includes population of Allegheny for 1900.



MALES 21 YEARS OF AGE AND OVER, WITH CITIZENSHIP OF FOREIGN-BORN WHITES, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

Table 39

CITY.	MALES 21 YEARS OF AGE AND OVER.						PER CENT OF TOTAL: 1910				FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910					
	Total.		Native white: 1910		Foreign-born white: 1910	Negro: 1910	Indian, Chinese, Japanese, and all other: 1910	Native white.				Naturalized.	Having first papers.	Alien.	Citizenship not reported.	
	1910	1900	Native parentage.	Foreign or mixed parentage.				Native parentage.	Foreign or mixed parentage.	Foreign-born white.	Negro.					
Alabama																
Mobile.....	15,014	10,645	5,376	1,815	1,228	6,578	17	35.8	12.1	8.2	43.8	652	68	328	180	
Montgomery.....	10,789	7,792	4,971	429	394	4,988	7	46.1	4.0	3.7	46.2	201	15	50	128	
Arkansas																
Little Rock.....	14,801	11,744	7,668	1,466	1,066	4,592	9	51.8	9.9	7.2	31.0	629	52	117	268	
California																
Berkeley.....	12,622	3,734	5,363	2,822	3,627	56	754	42.5	22.4	28.7	0.4	2,096	339	834	338	
Pasadena.....	9,262	2,675	5,509	1,459	1,772	227	295	59.5	15.8	19.1	2.5	1,101	125	402	144	
Sacramento.....	18,777	10,914	6,972	4,437	5,331	207	1,530	37.1	23.6	28.4	1.1	2,424	402	1,779	726	
San Diego.....	14,824	5,885	7,853	2,461	3,845	232	433	53.0	16.6	25.9	1.6	2,057	190	936	662	
San Jose.....	9,761	6,586	3,837	2,370	2,963	66	525	39.3	24.3	30.4	0.7	1,637	181	812	333	
Colorado																
Colorado Springs.....	9,213	6,773	5,877	1,539	1,434	338	25	43.8	16.7	15.6	3.7	748	83	279	324	
Pueblo.....	16,814	10,142	8,953	2,310	4,777	581	193	53.2	13.7	28.4	3.5	1,773	230	1,991	783	
Connecticut																
Hartford.....	31,121	26,631	9,615	6,945	13,975	501	85	30.9	22.3	44.9	1.6	6,294	1,112	5,751	818	
Meriden town.....	9,445	8,272	2,408	2,650	4,346	29	12	25.5	28.1	46.0	0.3	2,308	348	1,280	410	
Meriden city.....	7,896	7,049	2,027	2,238	5,690	29	12	25.4	28.0	46.1	0.4	1,931	312	1,116	531	
New Britain.....	13,984	8,041	2,426	2,675	8,843	25	15	17.3	19.1	63.2	0.2	3,054	693	4,476	620	
Norwich town.....	8,292	7,035	2,499	2,026	3,558	191	18	30.1	24.4	42.9	2.3	1,456	185	1,677	240	
Stamford town.....	8,947	5,548	3,149	1,099	3,979	96	24	35.2	19.0	44.5	1.1	1,486	326	1,739	428	
Stamford city.....	7,638	4,602	2,471	1,472	5,879	95	23	32.4	19.5	46.9	1.2	1,317	281	1,590	591	
Waterbury.....	22,801	13,558	5,985	4,965	12,463	252	36	22.3	21.8	54.7	1.1	4,662	595	6,598	608	
Delaware																
Wilmington.....	27,519	23,157	13,253	4,511	6,754	2,981	20	48.2	16.4	24.5	10.8	2,872	520	2,671	691	
Florida																
Jacksonville.....	19,392	8,183	7,490	881	1,308	9,652	61	38.6	4.5	6.7	49.8	587	69	276	376	
Tampa.....	11,691	4,939	3,574	750	4,407	2,926	34	30.6	6.4	37.7	25.0	919	175	2,765	548	
Georgia																
Augusta.....	11,949	10,346	5,739	603	498	5,067	42	48.0	5.0	4.2	42.4	261	32	94	111	
Macon.....	11,647	6,088	5,933	340	381	4,988	5	50.9	2.9	3.3	42.8	161	21	72	127	
Savannah.....	19,557	15,994	6,329	1,529	1,709	9,962	28	32.4	7.8	8.7	50.9	938	121	357	293	
Illinois																
Aurora.....	9,711	7,042	3,537	2,505	3,566	100	3	36.4	25.8	36.7	1.0	1,795	171	1,150	450	
Bloomington.....	8,009	6,828	4,212	1,907	1,612	272	6	52.6	23.8	20.1	3.4	1,152	53	137	270	
Danville.....	8,514	5,016	5,533	1,437	1,005	526	13	65.0	16.9	11.8	6.2	727	46	60	172	
Decatur.....	9,703	6,057	6,766	1,540	1,127	260	10	69.7	15.9	11.6	2.7	694	53	110	270	
East St. Louis.....	21,005	9,841	8,930	4,041	5,729	2,286	19	42.5	19.2	27.3	10.9	1,613	374	2,701	1,041	
Elgin.....	7,910	6,353	2,788	2,404	2,651	56	11	35.2	30.4	33.5	0.7	1,608	127	280	636	
Joliet.....	11,477	8,932	2,426	2,971	5,877	195	8	21.1	25.9	51.2	1.7	2,483	284	2,671	439	
Peoria.....	23,054	18,104	11,482	6,248	4,661	644	19	49.8	27.1	20.2	2.8	2,598	191	1,020	852	
Quincy.....	11,388	10,276	4,785	4,230	1,807	555	11	42.0	37.1	15.9	4.9	1,342	21	51	393	
Rockford.....	15,014	8,856	4,497	3,333	7,102	74	8	30.0	22.2	47.3	0.5	4,094	625	1,822	561	
Springfield.....	16,090	9,913	7,747	3,952	3,356	1,021	14	48.1	24.6	20.9	6.3	1,940	242	454	720	
Indiana																
Evansville.....	21,443	16,756	10,818	6,090	2,289	2,242	4	50.5	28.4	10.7	10.5	1,683	132	115	359	
Fort Wayne.....	19,678	12,595	9,702	5,964	3,785	215	12	49.3	30.3	19.2	1.1	2,459	303	516	447	
South Bend.....	16,566	10,402	6,584	2,950	6,787	225	20	39.7	17.8	41.0	1.4	2,226	2,434	1,309	818	
Terre Haute.....	18,609	11,089	12,553	3,075	2,657	906	18	67.5	16.5	11.1	4.9	1,080	164	229	584	
Iowa																
Cedar Rapids.....	10,387	7,462	5,119	2,554	2,619	93	2	49.3	24.6	25.2	0.9	1,531	185	416	487	
Clinton.....	8,397	6,627	3,187	2,453	2,615	142	.....	38.0	29.2	31.1	1.7	1,097	98	540	280	
Council Bluffs.....	9,439	7,643	4,826	2,034	2,309	160	110	51.1	21.5	24.5	1.7	1,302	94	519	394	
Davenport.....	13,703	10,372	4,336	5,007	4,132	224	4	31.6	36.5	30.2	1.6	2,597	264	488	783	
Des Moines.....	27,359	18,911	15,976	5,088	5,231	1,043	21	58.4	18.6	19.1	3.8	2,807	280	893	1,251	
Dubuque.....	11,983	10,977	3,308	5,402	3,220	47	6	27.6	45.1	26.9	0.4	2,281	120	410	409	
Sioux City.....	16,932	10,082	7,224	3,801	5,781	122	4	42.7	22.4	34.1	0.7	2,408	459	1,821	1,093	
Waterloo.....	8,945	3,880	5,360	2,076	1,494	14	1	59.9	23.2	16.7	0.2	650	64	416	364	
Kansas																
Kansas City.....	26,562	15,589	14,227	3,514	5,710	3,088	23	53.6	13.2	21.5	11.6	2,427	642	1,734	907	
Topeka.....	13,977	9,657	8,496	1,987	2,123	1,364	7	60.8	14.2	15.2	9.8	1,115	133	413	462	
Wichita.....	17,788	7,442	13,054	2,250	1,591	880	13	73.4	12.6	8.9	4.9	653	88	353	497	
Kentucky																
Covington.....	15,585	11,598	7,645	5,082	1,885	961	12	49.1	32.6	12.1	6.2	1,435	88	88	274	
Lexington.....	11,081	7,719	6,468	692	509	3,379	3	58.6	6.2	4.6	30.5	330	22	78	79	
Newport.....	8,786	7,702	3,483	3,602	1,534	167	.....	39.6	41.0	17.5	1.9	1,009	86	190	249	
Louisiana																
Shreveport.....	8,635	4,693	3,896	463	525	3,704	17	45.1	5.7	6.1	42.9	248	6	111	160	
Maine																
Lewiston.....	7,267	6,307	2,381	1,356	3,502	18	10	32.8	18.7	48.2	0.2	1,406	57	1,558	481	
Portland.....	18,447	15,433	10,208	3,094	5,023	80	42	55.3	16.8	27.2	0.4	2,222	252	1,811	738	
Massachusetts																
Brockton.....	17,905	12,357	7,198	3,494	7,033	151	29	40.2	19.5	39.3	0.8	3,167	682	2,909	275	
Brookline town.....	7,346	5,336	3,424	1,543	2,307	50	22	46.6	21.0	31.4	0.7	1,274	138	723	172	
Chelsea.....	10,112	10,198	2,436	1,099	5,883	66	28	24.1	16.8	58.2	0.7	2,133	647	2,840	263	
Chicopee.....	7,072	5,476	1,121	1,612	4,330	3	6	15.9	22.8	61.2	(1)	1,280	167	2,734	149	
Everett.....	9,561	7,048	3,449	1,808	4,085	204	15	36.1	18.9	42.7	2.1	2,228	294	1,363	200	</

<sup>1</sup> Less than one-tenth of 1 per cent.



MALES 21 YEARS OF AGE AND OVER, WITH CITIZENSHIP OF FOREIGN-BORN WHITES, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

Table 39—Continued.

Table 39—Continued.		MALES 21 YEARS OF AGE AND OVER.						PER CENT OF TOTAL: 1910				FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910				
CITY.	Total.		Native white: 1910		Foreign-born white: 1910	Negro: 1910	Indian, Chinese, Japanese, and all other: 1910	Native white.			Negro.	Naturalized.	Having first papers.	Alien.	Citizenship not reported.	
	1910	1900	Native parent-age.	Foreign or mixed parent-age.				Native parent-age.	Foreign or mixed parent-age.	Foreign-born white.						
Massachusetts—Continued.																
Malden.....	12,218	9,496	4,379	2,296	5,404	119	29	35.8	18.8	44.2	1.0	2,941	536	1,739	188	
New Bedford.....	28,263	17,162	5,778	4,353	17,151	934	47	20.4	15.4	60.7	3.3	5,441	788	10,084	838	
Newton.....	10,817	9,265	4,615	2,011	4,061	100	30	42.7	18.6	37.5	0.9	1,829	310	1,689	233	
Pittsfield.....	10,236	6,187	3,936	2,985	3,176	103	36	38.5	29.2	31.0	1.0	1,549	135	1,353	139	
Quincy.....	9,820	6,916	2,787	1,997	4,996	15	25	28.4	20.3	50.9	0.2	2,367	527	1,922	180	
Salem.....	12,629	10,097	3,869	2,980	5,696	53	31	30.6	23.6	45.1	0.4	2,443	221	2,798	234	
Somerville.....	22,883	18,148	9,226	4,728	8,814	54	61	40.3	20.7	38.5	0.2	4,263	671	3,403	477	
Springfield.....	27,360	18,473	10,906	6,008	9,942	450	54	39.9	22.0	36.3	1.6	4,182	792	4,520	448	
Taunton.....	10,236	9,215	3,511	2,421	4,206	91	7	34.3	23.7	41.1	0.9	1,506	117	2,200	383	
Waltham.....	7,932	6,669	3,015	1,834	3,068	9	26	37.9	23.1	38.6	0.1	1,525	216	1,146	181	
Michigan																
Battle Creek.....	8,429	5,798	5,569	1,396	1,259	197	8	66.1	16.6	14.9	2.3	570	64	324	301	
Bay City.....	12,654	7,259	3,000	4,376	5,213	62	3	23.7	34.6	41.2	0.5	4,009	262	634	308	
Flint.....	15,107	4,027	7,741	3,582	3,628	147	9	51.2	23.7	24.0	1.0	1,579	196	1,719	134	
Jackson.....	10,768	8,211	5,957	2,461	2,182	155	13	55.3	22.9	20.3	1.4	1,180	119	612	271	
Kalamazoo.....	12,588	7,461	6,514	2,662	3,149	254	9	51.7	21.1	25.0	2.0	1,505	134	719	791	
Lansing.....	10,737	4,664	6,523	2,109	2,006	113	6	60.6	19.6	18.6	1.1	1,029	137	610	230	
Saginaw.....	15,347	11,838	4,326	5,303	5,584	127	7	28.2	34.6	36.4	0.8	3,799	166	717	902	
Minnesota																
Duluth.....	30,066	18,937	5,864	6,301	17,663	198	40	19.5	21.0	58.7	0.7	8,359	2,172	4,774	2,358	
Missouri																
Joplin.....	9,921	8,300	8,131	978	525	282	5	82.0	9.9	5.3	2.8	350	18	53	104	
St. Joseph.....	26,051	34,374	15,755	4,401	4,281	1,598	16	60.5	16.9	16.4	6.1	2,256	305	966	764	
Springfield.....	10,516	6,469	8,188	1,107	638	583	.....	77.9	10.5	6.1	5.5	364	16	31	227	
Montana																
Butte.....	16,037	13,387	4,170	3,677	7,825	117	248	26.0	22.9	48.8	0.7	4,662	786	1,657	720	
Nebraska																
Lincoln.....	13,923	12,528	8,122	2,386	3,101	302	12	58.3	17.1	22.3	2.2	1,372	803	610	316	
South Omaha.....	8,677	9,880	2,303	1,509	4,377	313	175	26.5	17.4	50.4	3.6	1,956	663	1,302	456	
New Hampshire																
Manchester.....	19,730	15,395	4,768	3,444	11,486	13	19	24.2	17.5	58.2	0.1	4,566	442	4,845	1,633	
Nashua.....	7,763	6,706	2,672	1,333	3,748	5	5	34.4	17.2	48.3	0.1	1,190	75	2,199	284	
New Jersey																
Atlantic City.....	15,626	9,368	7,056	1,748	2,996	3,756	70	45.2	11.2	19.2	24.0	1,170	312	822	692	
Bayonne.....	16,453	9,308	2,748	3,396	10,109	166	34	16.7	20.6	61.4	1.0	3,364	719	5,290	736	
Camden.....	28,826	22,249	14,374	5,053	7,397	1,945	57	49.9	17.5	25.7	6.7	3,041	486	2,952	918	
East Orange.....	9,764	5,774	5,106	2,132	2,079	422	25	52.3	21.8	21.3	4.3	1,187	121	436	335	
Elizabeth.....	22,606	15,191	4,979	5,488	11,713	400	26	22.0	24.3	51.8	1.8	5,036	1,077	4,572	1,028	
Hoboken.....	22,330	17,089	3,138	5,539	13,562	39	42	14.1	24.8	60.8	0.2	5,796	1,447	5,238	1,081	
Orange.....	8,493	6,649	2,019	2,073	3,660	720	21	23.8	24.4	43.1	8.5	1,822	324	1,191	323	
Passaic.....	14,924	7,552	1,861	1,961	10,920	156	26	12.5	13.1	73.2	1.0	2,967	747	5,231	1,975	
Perth Amboy.....	9,994	5,782	1,416	1,316	7,201	50	11	14.2	13.2	72.1	0.5	2,231	489	3,913	568	
Trenton.....	31,203	22,110	11,629	5,479	12,958	1,124	33	37.3	17.6	41.5	3.6	5,253	943	5,736	1,006	
West Hoboken town.....	10,273	6,403	1,279	2,774	6,177	20	23	12.5	27.0	60.1	0.2	2,905	789	1,728	755	
New York																
Amsterdam.....	9,501	6,009	3,031	1,739	4,691	33	7	31.9	18.3	49.4	0.3	1,808	252	2,310	321	
Auburn.....	11,949	10,084	4,875	3,060	3,788	213	13	40.8	25.6	31.7	1.8	1,743	209	1,680	156	
Binghamton.....	15,666	12,189	9,460	2,644	3,310	244	8	60.4	16.9	21.1	1.6	1,260	238	1,060	752	
Elmira.....	11,991	11,349	6,598	2,705	2,494	183	11	55.0	22.6	20.8	1.5	1,648	94	669	83	
Jamestown.....	10,023	6,738	3,201	1,747	5,035	39	1	31.9	17.4	50.2	0.4	2,741	453	1,095	746	
Kingston.....	7,588	6,804	3,769	2,003	1,587	197	2	49.9	26.5	21.0	2.6	955	82	352	198	
Mount Vernon.....	8,854	5,758	2,849	2,136	3,612	236	21	32.2	24.1	40.8	2.7	1,950	341	1,150	171	
New Rochelle.....	8,942	4,454	2,534	1,909	4,000	445	24	28.3	21.7	44.7	5.0	1,979	559	1,332	130	
Newburgh.....	8,471	7,056	3,925	2,106	2,241	189	10	46.3	24.9	26.5	2.2	1,125	109	550	457	
Niagara Falls.....	10,332	6,478	2,397	2,078	5,755	118	4	23.2	20.1	55.6	1.1	2,082	373	2,892	408	
Poughkeepsie.....	8,682	7,190	4,374	1,969	2,122	211	6	50.4	22.7	24.4	2.4	994	130	487	511	
Schenectady.....	25,073	11,093	10,490	4,877	9,562	85	59	41.8	19.5	38.1	0.3	3,856	741	4,071	894	
Troy.....	22,483	17,038	8,007	7,682	6,554	226	14	35.6	34.2	29.2	1.0	4,388	186	1,419	561	
Utica.....	22,679	16,216	6,902	6,300	9,341	135	1	30.4	27.8	41.2	0.6	4,326	542	3,662	811	
Watertown.....	8,584	6,782	4,077	1,673	2,798	30	6	47.5	19.5	32.6	0.3	1,050	131	1,255	362	
Yonkers.....	23,533	13,385	5,464	5,215	12,295	501	58	23.2	22.2	52.2	2.1	5,629	1,110	5,060	496	
North Carolina																
Charlotte.....	9,025	4,557	5,820	162	240	2,801	2	64.5	1.8	2.7	31.0	100	28	51	61	
Wilmington.....	7,129	5,373	3,566	229	259	3,066	9	50.0	3.2	3.6	43.0	142	9	38	70	
Ohio																
Akron.....	23,767	12,620	11,931	4,541	7,051	238	6	50.2	19.1	29.7	1.0	2,459	317	3,198	1,077	
Canton.....	16,874	8,818	8,548	3,178	5,010	129	9	50.7	18.8	29.7	0.8	2,005	263	2,575	227	
Hamilton.....	10,956	7,148	5,907	3,046	1,703	297	3	53.9	27.8	15.5	2.7	1,042	78	339	244	
Lima.....	9,376	6,459	6,832	1,391	818	329	6	72.9	14.8	8.7	3.5	470	24	117	207	
Lorain.....	10,177	5,825	2,393	1,445	6,216	121	2	23.5	14.2	61.1	1.2	1,496	459	3,518	743	
Newark.....	8,336	5,451	5,618	1,358	1,236	117	7	67.4	16.3	14.8	1.4	350	45	536	305	
Springfield.....	15,361	11,780	9,193	2,760	1,662	1,735	11	59.8	18.0	10.8	11.3	916	38	249	44	
Youngstown.....	28,157	13,591	7,795	5,533	14,027	785	17	27.7	19.7	49.8	2.8	4,268	661	7,543	1,555	
Zanesville.....	8,698	6,857	5,983	1,428	859	424	4	68.8	16.4	9.9	4.9	348	27	286	198	
Oklahoma																
Muskogee.....	8,808	1,321	5,363	575	344	2,464	62	60.9	6.5	3.9	28.0	117	12	50	165	
Oklahoma City.....	24,736	3,643	17,615	2,490	2,122	2,392	117	71.2	10.1	8.6	9.7	848	102	607	511	
Pennsylvania																
Allentown.....	15,232	10,160	10,864	1,612	2,705	47	4	71.3	10.6	17.8	0.3	904	257	1,366	165	
Altoona.....	15,708	10,923	10,648	2,129	2,757	165	9	67.8	13.6	17.6	1.1	1,083	201	1,116	344	
Chester.....	12,336	10,095	4,908	2,320	3,476	1,615	17	39.8	18.8	28.2	13.1	1,137	106	1,828	144	
Easton.....	8,750	7,455	5,817	1,381	1,452	95	5	66.5	15.8	16.6	1.1	646	74	688	144	
Erie.....	20,095	15,485	6,428	5,964	7,562	134	7	32.0	29.7	37.6	0.7	3,348	410	2,704	1,171	
Harrisburg.....	20,171	14,687	14,785	1,842	1,979	1,550	15	73.3	9.1	9.8	7.7	917	121	872	1,171	



## ABSTRACT OF THE CENSUS—POPULATION.

MALES 21 YEARS OF AGE AND OVER, WITH CITIZENSHIP OF FOREIGN-BORN WHITES, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

CITY.		MALES 21 YEARS OF AGE AND OVER.						PER CENT OF TOTAL: 1910				FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910					
		Total.		Native white: 1910		Foreign-born white: 1910	Negro: 1910	Indian, Chinese, Japanese, and all other: 1910	Native white.		Foreign-born white.	Negro.	Naturalized.	Having first papers.	Alien.	Citizenship not reported.	
1910	1900	Native parentage.	Foreign or mixed parentage.				Native parentage.	Foreign or mixed parentage.									
Pennsylvania—Continued.																	
Hazleton.....	6,724	3,656	1,719	2,014	2,972	11	8	25.6	30.0	44.2	0.2	1,457	119	1,154	242		
Johnstown.....	18,808	10,968	6,709	2,672	9,225	185	17	35.7	14.2	49.0	1.0	1,621	190	6,951	463		
Lancaster.....	13,492	11,228	9,555	2,181	1,472	275	9	70.8	16.2	10.9	2.0	1,028	68	319	57		
McKeesport.....	12,840	9,812	3,768	2,265	6,551	248	8	29.3	17.6	51.0	1.9	2,548	410	3,196	297		
New Castle.....	11,822	8,813	5,318	1,594	4,707	189	14	45.0	13.5	39.8	1.6	1,326	292	2,800	289		
Norristown borough.....	8,619	6,714	5,149	1,462	1,091	311	6	59.7	17.0	19.6	3.6	477	80	597	537		
Reading.....	29,041	22,516	21,506	2,707	4,528	295	5	74.1	9.3	15.6	1.0	1,430	214	2,675	209		
Shenandoah borough.....	8,028	6,449	881	1,199	5,942	1	5	11.0	14.9	74.0	(1)	1,750	294	3,692	206		
Wilkes-Barre.....	18,934	13,537	5,656	5,129	7,899	246	4	29.9	27.1	41.7	1.3	3,754	396	3,108	641		
Williamsport.....	9,214	7,782	6,148	1,653	1,153	259	1	66.7	17.9	12.5	2.8	723	69	227	134		
York.....	13,331	9,492	10,964	1,163	829	373	2	82.2	8.7	6.2	2.8	508	40	215	66		
Rhode Island																	
Newport.....	8,648	6,811	3,105	2,113	2,925	480	25	35.9	24.4	33.8	5.6	1,672	310	682	261		
Pawtucket.....	15,061	11,075	3,366	4,078	7,523	68	26	22.3	27.1	50.0	0.5	4,017	562	2,201	743		
Warwick town.....	7,636	5,901	2,287	1,561	3,726	58	4	30.0	20.4	48.8	0.8	1,581	106	1,514	525		
Woonsocket.....	10,422	7,363	1,432	2,433	6,540	7	10	13.7	23.3	62.8	0.1	2,300	256	3,353	631		
South Carolina																	
Charleston.....	16,107	14,167	5,477	1,454	1,282	7,881	13	34.0	9.0	8.0	48.9	678	92	255	257		
Columbia.....	7,605	5,949	4,110	191	227	3,076	1	54.0	2.5	3.0	40.4	103	3	63	58		
Tennessee																	
Chattanooga.....	14,299	9,133	7,262	645	690	5,700	2	50.8	4.5	4.8	39.9	361	51	94	184		
Knoxville.....	10,591	9,015	7,429	484	380	2,297	1	70.1	4.6	3.6	21.7	193	13	50	124		
Texas																	
Austin.....	8,612	6,227	4,489	947	1,240	1,929	7	52.1	11.0	14.4	22.4	583	26	167	464		
Dallas.....	29,864	12,843	18,674	2,527	2,811	5,830	22	62.5	8.5	9.4	19.5	1,504	134	463	710		
El Paso.....	11,791	5,032	5,058	1,390	4,640	486	217	42.9	11.8	39.4	4.1	988	201	2,445	1,006		
Fort Worth.....	25,193	8,323	16,301	1,776	2,541	4,513	62	64.7	7.0	10.1	17.9	963	97	849	632		
Galveston.....	12,753	11,097	3,584	2,966	3,503	2,654	46	28.1	23.3	27.5	20.8	1,962	480	699	362		
Houston.....	25,935	13,816	11,833	3,352	3,466	7,240	24	45.7	12.9	13.4	27.9	1,754	239	746	727		
San Antonio.....	27,979	14,490	11,941	5,700	7,354	2,917	67	42.7	20.4	26.3	10.4	3,114	272	2,223	1,745		
Waco.....	7,375	5,641	4,382	484	656	1,636	17	62.1	6.6	8.9	22.2	387	27	72	170		
Utah																	
Ogden.....	7,680	4,082	2,879	2,210	2,103	110	378	37.5	28.8	27.4	1.4	1,130	141	518	314		
Salt Lake City.....	28,640	13,639	10,471	8,663	8,675	369	462	36.6	30.2	30.3	1.3	4,335	958	1,990	1,392		
Virginia																	
Lynchburg.....	7,848	4,599	5,146	217	250	2,232	3	65.6	2.8	3.2	28.4	130	15	83	22		
Norfolk.....	20,907	13,968	10,221	953	1,820	7,864	49	48.9	4.6	8.7	37.6	931	151	565	173		
Portsmouth.....	10,623	5,361	5,872	740	604	3,394	13	55.3	7.0	5.7	31.9	349	55	75	125		
Roanoke.....	10,144	5,791	7,389	271	414	2,066	4	72.8	2.7	4.1	20.4	212	30	117	55		
Washington																	
Tacoma.....	32,910	14,005	13,791	5,644	12,191	351	933	41.9	17.1	37.0	1.1	5,808	1,171	3,544	1,668		
West Virginia																	
Huntington.....	9,349	3,385	7,871	412	304	752	10	84.2	4.4	3.3	8.0	175	12	43	74		
Wheeling.....	12,822	11,122	5,748	3,927	2,679	461	7	44.8	30.6	20.9	3.6	1,413	95	743	428		
Wisconsin																	
Green Bay.....	6,884	4,766	1,459	3,319	2,078	14	14	21.2	48.2	30.2	0.2	1,524	205	131	218		
La Crosse.....	8,729	7,577	2,159	3,587	2,965	18	.....	24.7	41.1	34.0	0.2	1,759	524	276	406		
Madison.....	7,825	5,708	2,582	3,021	2,105	47	70	33.0	38.6	26.9	0.6	1,174	179	338	414		
Oshkosh.....	9,440	7,513	2,225	3,582	3,598	27	8	23.6	37.9	38.1	0.3	2,106	519	419	554		
Racine.....	12,478	8,283	2,160	3,682	6,590	42	4	17.3	29.5	52.8	0.3	2,834	1,215	2,011	530		
Sheboygan.....	7,807	6,044	751	2,695	4,359	1	1	9.6	34.5	55.8	(1)	2,061	721	991	586		
Superior.....	15,378	11,320	3,853	3,206	8,201	68	50	25.1	20.8	53.3	0.4	3,735	1,323	2,220	923		

<sup>1</sup> Less than one-tenth of 1 per cent.

Citizenship of foreign-born white males.—Statistics as to the citizenship of foreign-born white males 21 years of age and over, as enumerated in 1910, are given in Table 40. Of the 6,646,817 foreign-born white males 21 years of age and over in the United States in 1910, 45.6 per cent were reported as naturalized, 8.6 per cent as having taken out their first naturalization papers, and 34.1 per cent as aliens, while for 11.7 per cent no report as to citizenship was secured. As already stated, it is probable that much the larger proportion of this last group are aliens. Nevertheless, on account of the marked variations in the relative numbers of those for whom there were no reports regarding citizenship in the different states and geographic divisions, comparisons of the percentages for those naturalized, those having first papers, and aliens are somewhat unsatisfactory.

It is evident, however, that in those geographic divisions in which a large part of the foreign-born population consists of recent immigrants—notably the New England, Middle Atlantic, South Atlantic, Mountain, and Pacific divisions—the proportion of the foreign-born white males of 21 years and over who are naturalized is much lower than in the divisions which have a relatively smaller proportion of recent immigrants, particularly the East North Central and West North Central. Many of these immigrants have been here too short a time to become naturalized. Among the states West Virginia had the lowest proportion naturalized (20.9 per cent), Arizona and Maine coming next. The proportion naturalized exceeded three-fifths in Kentucky, Iowa, Nebraska, and Minnesota. Among the geographic divisions the Middle Atlantic had the lowest percentage naturalized (38.7).



**Table 40** FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910

DIVISION AND STATE.	Naturalized.		Having first papers.		Alien.		Citizenship not reported.	
	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.
United States ..	3,034,117	45.6	570,772	8.6	2,266,535	34.1	775,393	11.7
<b>GEOGRAPHIC DIVS.:</b>								
New England ..	323,994	40.7	48,508	6.1	366,161	45.9	58,184	7.3
Middle Atlantic ..	879,348	38.7	202,012	8.9	965,101	42.5	225,810	9.9
East North Central ..	812,489	51.6	148,254	9.4	426,278	27.1	186,322	11.8
West North Central ..	510,918	58.8	76,934	8.8	144,177	16.6	137,379	15.8
South Atlantic ..	61,134	40.6	8,997	6.0	57,127	37.9	23,407	15.5
East South Central ..	25,955	56.0	2,220	4.8	8,647	18.7	9,486	20.5
West South Central ..	70,765	41.2	10,071	5.9	52,853	30.7	38,251	22.2
Mountain ..	113,670	44.1	23,219	9.0	85,619	33.2	35,629	13.6
Pacific ..	235,844	46.4	50,557	9.9	160,572	31.6	61,525	12.1
<b>NEW ENGLAND:</b>								
Maine ..	14,994	30.9	1,490	3.1	23,672	48.8	8,308	17.1
New Hampshire ..	16,415	39.1	1,421	3.4	19,377	46.2	4,743	11.3
Vermont ..	10,811	45.5	1,164	4.9	9,652	40.6	2,132	9.0
Massachusetts ..	189,126	41.7	30,016	6.6	212,033	46.7	22,426	4.9
Rhode Island ..	32,040	42.2	5,314	7.0	31,990	42.2	6,549	8.6
Connecticut ..	60,608	39.6	9,103	5.9	69,431	45.3	14,026	9.2
<b>MIDDLE ATLANTIC:</b>								
New York ..	502,083	41.1	131,055	10.7	475,250	38.9	112,586	9.2
New Jersey ..	128,438	41.5	24,511	7.9	127,076	39.4	34,623	11.2
Pennsylvania ..	248,827	33.6	46,416	6.3	367,766	49.6	78,601	10.6
<b>E. NORTH CENTRAL:</b>								
Ohio ..	142,465	46.2	17,509	5.7	113,836	36.9	34,648	11.2
Indiana ..	42,633	47.8	13,320	15.0	18,354	20.6	14,730	16.5
Illinois ..	317,339	52.5	43,482	7.2	174,581	28.9	69,122	11.4
Michigan ..	167,304	55.4	26,235	8.7	76,550	25.3	32,088	10.6
Wisconsin ..	142,848	53.1	47,708	17.7	42,937	15.9	35,744	13.3
<b>W. NORTH CENTRAL:</b>								
Minnesota ..	179,187	60.1	26,222	8.8	58,132	19.5	34,741	11.6
Iowa ..	90,573	61.7	6,654	4.5	20,275	13.8	29,378	20.0
Missouri ..	65,612	54.0	10,817	8.3	25,835	21.3	19,840	16.3
North Dakota ..	46,636	58.5	9,124	12.3	10,965	13.8	12,286	15.4
South Dakota ..	32,495	59.6	8,020	14.7	4,376	8.0	9,637	17.7
Nebraska ..	57,270	60.7	9,924	10.5	12,347	13.1	14,804	15.7
Kansas ..	39,145	62.7	6,173	8.3	12,247	16.5	16,683	22.5
<b>SOUTH ATLANTIC:</b>								
Delaware ..	3,707	42.2	658	7.5	3,189	36.3	1,222	13.9
Maryland ..	24,256	50.6	3,278	6.8	13,573	28.3	6,866	14.3
Dist. of Columbia ..	6,474	55.2	1,058	9.0	2,304	19.6	1,902	16.2
Virginia ..	6,411	43.1	839	5.8	4,693	31.5	2,919	19.6
West Virginia ..	7,263	20.9	1,358	3.9	22,545	65.0	3,521	10.2
North Carolina ..	1,439	47.7	194	5.9	827	25.1	836	25.4
South Carolina ..	1,602	47.7	184	5.5	739	22.0	830	24.7
Georgia ..	4,023	47.3	625	7.3	1,846	21.7	2,019	23.7
Florida ..	5,959	34.2	783	4.5	7,411	42.5	3,292	18.9
<b>E. SOUTH CENTRAL:</b>								
Kentucky ..	13,225	64.7	815	4.0	2,754	13.5	3,646	17.8
Tennessee ..	5,444	53.8	464	4.6	1,867	18.5	2,337	23.1
Alabama ..	4,841	46.0	684	6.5	2,793	26.5	2,303	20.9
Mississippi ..	2,445	46.7	257	4.9	1,233	23.6	1,300	24.8
<b>W. SOUTH CENTRAL:</b>								
Arkansas ..	5,284	54.4	595	6.1	1,388	14.3	2,451	25.2
Louisiana ..	10,024	37.8	1,166	4.4	9,151	34.5	6,178	23.6
Oklahoma ..	12,074	51.3	1,477	6.3	4,449	18.9	5,551	23.6
Texas ..	43,383	38.7	6,533	6.1	37,865	33.8	24,071	21.5
<b>MOUNTAIN:</b>								
Montana ..	27,635	46.6	6,749	11.4	16,937	28.6	7,992	13.5
Idaho ..	12,817	49.6	2,478	9.6	6,215	24.0	4,334	16.8
Wyoming ..	6,837	37.4	1,937	10.6	8,125	44.5	1,364	7.5
Colorado ..	35,245	50.0	6,536	9.3	19,615	27.8	9,118	12.9
New Mexico ..	4,267	34.1	709	5.7	6,048	48.4	1,478	11.8
Arizona ..	5,912	23.0	1,113	4.3	14,574	56.7	4,083	15.9
Utah ..	15,351	47.0	2,415	7.4	9,626	29.5	5,260	16.1
Nevada ..	5,606	43.9	1,282	10.0	4,479	35.1	1,400	11.0
<b>PACIFIC:</b>								
Washington ..	68,895	46.8	15,258	10.4	43,202	29.3	19,869	13.5
Oregon ..	29,675	46.4	7,591	11.9	17,430	27.3	9,213	14.9
California ..	137,274	46.2	27,708	9.3	99,940	33.6	32,443	10.9

Table 41 gives statistics as to the citizenship of the foreign-born white males 21 years of age and over in 1910 for cities having 100,000 inhabitants or more. For cities of 25,000 to 100,000 inhabitants statistics are given in Table 39, page 114.

**Table 41** FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910

CITY.	Naturalized.		Having first papers.		Alien.		Citizenship not reported.	
	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.
Albany, N. Y. ....	4,827	58.9	462	5.6	1,661	20.3	1,242	15.2
Atlanta, Ga. ....	1,011	44.2	190	8.4	565	24.7	518	22.6
Baltimore, Md. ....	16,643	49.5	2,664	7.9	9,559	28.4	4,772	14.2
Birmingham, Ala. ....	1,179	40.0	186	6.3	839	28.5	740	25.1
Boston, Mass. ....	47,791	46.3	10,438	10.1	40,516	39.3	4,415	4.3
Bridgeport, Conn. ....	6,563	38.3	1,038	6.1	8,136	47.5	1,377	8.0
Buffalo, N. Y. ....	29,409	52.2	4,319	7.7	16,255	28.9	6,354	11.3
Cambridge, Mass. ....	7,162	48.9	1,189	8.1	5,866	40.1	419	2.9
Chicago, Ill. ....	190,095	50.2	31,585	8.3	124,553	32.8	33,019	8.7
Cincinnati, Ohio. ....	17,253	64.6	1,733	6.5	6,250	23.4	1,487	5.6
Cleveland, Ohio. ....	40,482	42.9	7,826	8.3	40,221	42.6	5,902	6.3
Columbus, Ohio. ....	4,453	52.5	414	4.9	2,349	27.7	1,271	15.0
Dayton, Ohio. ....	3,451	47.3	396	5.4	2,964	40.6	492	6.7
Denver, Colo. ....	10,959	57.1	2,102	10.9	3,801	19.8	2,342	12.2
Detroit, Mich. ....	32,891	43.7	7,271	9.7	28,733	38.1	6,428	8.5
Fall River, Mass. ....	8,368	41.5	732	3.6	10,594	52.5	487	2.4
Grand Rapids, Mich. ....	7,758	56.7	1,016	7.4	3,301	24.1	1,614	11.8
Indianapolis, Ind. ....	6,088	58.5	1,189	11.4	1,795	17.2	1,335	12.8
Jersey City, N. J. ....	16,556	43.9	3,067	8.1	14,404	38.2	3,680	9.8
Kansas City, Mo. ....	6,953	53.3	890	6.8	2,564	19.6	2,645	20.3
Los Angeles, Cal. ....	14,097	47.7	2,730	9.2	8,662	29.3	4,087	13.8
Louisville, Ky. ....	5,704	68.4	380	4.6	1,152	13.8	1,098	13.2
Lowell, Mass. ....	7,028	38.6	427	2.3	9,897	54.4	839	4.6
Memphis, Tenn. ....	1,664	48.9	197	5.8	806	23.7	734	21.6
Milwaukee, Wis. ....	26,155	46.6	9,887	17.6	14,433	25.7	5,624	10.0
Minneapolis, Minn. ....	23,462	52.0	5,427	12.0	10,305	22.8	5,965	13.2
Nashville, Tenn. ....	951	66.3	80	5.6	170	11.8	234	16.3
New Haven, Conn. ....	8,628	45.0	1,426	7.4	7,693	40.1	1,447	7.5
New Orleans, La. ....	6,138	45.5	595	4.4	3,703	27.5	3,050	22.6
New York, N. Y. ....	318,091	38.4	106,525	12.9	339,473	41.0	64,704	7.8
Manhattan Bor. ....	148,847	32.3	58,661	12.7	212,777	45.1	40,961	8.9
Brooklyn Bor. ....	35,188	48.5	8,848	12.9	20,970	30.5	5,670	8.3
Queens Bor. ....	109,109	43.9	34,260	13.8	90,681	36.4	14,663	6.9
Richmond Bor. ....	21,019	44.8	3,848	10.0	11,089	28.9	5,394	12.8
Newark, N. J. ....	5,957	48.6	968	7.6	4,116	34.4	1,016	8.5
Oakland, Cal. ....	21,427	43.1	4,982	10.0	19,204	38.7	4,061	8.2
Omaha, Nebr. ....	10,237	52.9	2,004	10.4	5,968	30.9	1,125	5.8
Paterson, N. J. ....	7,079	51.3	2,103	15.3	2,898	20.8	1,738	12.6
Philadelphia, Pa. ....	9,817	48.6	1,387	6.9	6,029	29.9	2,949	14.6
Pittsburgh, Pa. ....	69,415	41.5	15,533	9.3	63,156	37.8	18,968	11.4
Portland, Ore. ....	28,797	41.1	5,355	7.6	28,439	40.5	7,557	10.8
Portland, Me. ....	11,251	44.6	3,058	12.1	7,097	28.1	3,824	15.2
Providence, R. I. ....	12,988	39.5	2,815	8.6	14,910	45.4	2,150	6.5
Richmond, Va. ....	943	46.2	123	6.0	503	24.7	471	23.1
Rochester, N. Y. ....	13,003	48.0	2,947	10.9	8,361	30.9	2,756	10.2
St. Louis, Mo. ....	33,081	52.1	7,049	11.1	15,918	25.1	7,392	11.7
St. Paul, Minn. ....	17,071	58.8	2,586	8.9	5,576	19.2	3,815	13.1
San Francisco, Cal. ....	36,375	48.0	10,681	14.1	21,872	28.9	6,840	9.0
Scranton, Pa. ....	7,930	45.4	964	5.5	6,801	38.9	1,766	10.1
Seattle, Wash. ....	16,438	45.5	3,068	8.5	11,474	31.8	5,117	14.2
Spokane, Wash. ....	5,495	44.4	1,374	11.1	3,451	27.9	2,069	16.7
Syracuse, N. Y. ....	7,036	47.1	862	5.8	4,713	31.6	2,331	15.6
Toledo, Ohio. ....	8,752	55.3	724	4.6	4,308	27.2	2,042	12.9
Washington, D. C. ....	6,474	55.2	1,058	9.0	2,304	19.6	1,902	16.2
Worcester, Mass. ....	9,126	40.0	1,514	6.6	11,184	49.0	992	4.3

## FEMALES 21 YEARS OF AGE AND OVER.

Table 42 gives the number of females 21 years of age and over in 1910, classified according to color or race, nativity, and parentage, by geographic divisions and states.

As already noted, the composition of the adult female population according to color or race, nativity, and parentage differs from that of the adult male population principally in including a smaller percentage of foreign born. This difference, varying in degree, appears in the figures for every state as well as in those for the United States. Apart from this, the composition of the female population in the different states or sections naturally corresponds to that of the male.



## FEMALES 21 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 42

Table 42  DIVISION AND STATE.	Total females 21 years of age and over.	WHITE.		NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.		Indian.	Chinese, Japanese and all other.
				Native parentage.		Foreign or mixed parentage.							
		Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.		
United States.....	24,555,754	22,059,236	89.8	12,484,481	50.8	4,567,647	18.6	5,007,108	20.4	2,427,742	9.9	60,169	8,607
GEOGRAPHIC DIVISIONS:													
New England.....	2,043,998	2,021,540	98.9	841,264	41.2	428,673	21.0	751,603	36.8	21,822	1.1	573	63
Middle Atlantic.....	5,608,188	5,464,123	97.4	2,377,232	42.4	1,274,288	22.7	1,812,603	32.3	142,115	2.5	1,690	200
East North Central.....	5,133,680	5,036,624	98.1	2,516,036	49.0	1,340,723	26.1	1,179,865	23.0	92,088	1.8	4,278	80
West North Central.....	3,065,774	2,923,305	97.3	1,538,145	51.2	776,397	25.8	608,763	20.3	72,278	2.4	10,135	56
South Atlantic.....	3,007,118	2,035,590	67.7	1,809,235	60.2	125,998	4.2	100,357	3.3	969,575	32.2	1,904	49
East South Central.....	2,037,064	1,390,848	68.3	1,283,045	63.0	74,876	3.7	32,927	1.6	645,697	31.7	508	11
West South Central.....	1,987,760	1,504,766	75.7	1,245,132	62.6	142,047	7.1	117,587	5.9	467,795	23.5	15,132	67
Mountain.....	614,736	590,116	96.0	320,983	52.2	138,205	22.5	130,928	21.3	6,686	1.1	17,513	421
Pacific.....	1,117,436	1,092,324	97.8	553,409	49.5	266,440	23.8	272,475	24.4	9,076	0.8	8,436	7,600
NEW ENGLAND:													
Maine.....	225,736	225,107	99.7	156,663	69.4	25,589	11.3	42,835	19.0	401	0.2	228	.....
New Hampshire.....	135,372	135,187	99.9	78,394	57.9	19,004	14.0	37,789	27.9	176	0.1	9	.....
Vermont.....	106,883	106,598	99.7	67,945	63.6	20,234	18.9	18,419	17.2	277	0.3	8	.....
Massachusetts.....	1,074,485	1,061,602	98.8	363,035	33.8	246,539	22.9	452,028	42.1	12,648	1.2	192	43
Rhode Island.....	166,391	163,120	98.0	49,955	30.0	40,306	24.2	72,860	43.8	3,178	1.9	86	7
Connecticut.....	335,131	329,926	98.4	125,272	37.4	77,002	23.0	127,652	38.1	5,142	1.5	50	13
MIDDLE ATLANTIC:													
New York.....	2,757,521	2,706,523	98.2	927,995	33.7	710,145	25.8	1,068,383	38.7	49,300	1.8	1,502	196
New Jersey.....	736,659	706,728	95.9	288,821	39.2	166,074	22.5	251,833	34.2	29,866	4.1	26	39
Pennsylvania.....	2,114,008	2,050,872	97.0	1,160,416	54.9	398,099	18.8	492,387	23.3	62,949	3.0	162	25
EAST NORTH CENTRAL:													
Ohio.....	1,398,341	1,364,611	97.6	830,354	59.4	314,929	22.5	219,328	15.7	33,683	2.4	33	14
Indiana.....	770,658	752,208	97.6	577,899	75.0	117,643	15.3	56,066	7.4	18,386	2.4	61	3
Illinois.....	1,567,491	1,533,014	97.8	647,697	41.3	421,178	26.9	464,139	29.6	34,372	2.2	56	49
Michigan.....	786,033	778,874	99.1	319,537	40.7	224,713	28.6	234,624	29.8	5,318	0.7	1,833	8
Wisconsin.....	611,157	607,917	99.5	140,549	23.0	262,260	42.9	205,108	33.6	939	0.2	2,295	6
WEST NORTH CENTRAL:													
Minnesota.....	512,411	508,195	99.2	111,088	21.7	192,518	37.6	204,589	39.9	2,061	0.4	2,146	9
Iowa.....	603,644	599,442	99.3	315,389	52.2	175,267	29.0	108,786	18.0	4,124	0.7	73	5
Missouri.....	896,152	847,997	94.6	588,496	65.7	171,954	19.2	87,547	9.8	48,057	5.4	81	17
North Dakota.....	122,406	120,780	98.7	29,600	24.2	37,987	31.0	53,193	43.5	158	0.1	1,468	.....
South Dakota.....	134,187	128,772	96.0	48,349	36.0	43,530	32.4	36,893	27.5	220	0.2	5,188	7
Nebraska.....	298,040	294,849	98.9	146,645	49.2	79,569	26.7	68,635	23.0	2,369	0.8	806	16
Kansas.....	438,934	423,270	96.4	298,578	68.0	75,572	17.2	49,120	11.2	15,289	3.5	373	2
SOUTH ATLANTIC:													
Delaware.....	58,442	50,160	85.8	37,070	63.4	6,573	11.2	6,517	11.2	8,281	14.2	1	.....
Maryland.....	373,819	309,897	82.9	209,793	56.1	56,820	15.2	43,284	11.6	63,899	17.1	12	11
District of Columbia.....	116,148	81,662	70.3	65,194	47.5	16,118	13.9	10,350	8.9	34,449	29.7	22	15
Virginia.....	518,473	353,516	68.2	335,607	64.7	9,533	1.8	8,376	1.6	164,844	31.8	110	3
West Virginia.....	284,909	270,298	94.9	241,703	84.8	15,872	5.6	12,723	4.5	14,667	5.1	3	1
North Carolina.....	519,475	358,583	69.0	354,416	68.2	2,316	0.4	1,851	0.4	159,236	30.7	1,655	1
South Carolina.....	343,958	162,625	47.3	156,965	45.6	3,577	1.0	2,083	0.6	181,264	52.7	65	4
Georgia.....	613,149	343,187	56.0	330,779	53.9	7,579	1.2	4,829	0.8	269,937	44.0	20	5
Florida.....	178,685	105,662	59.1	87,708	49.1	7,610	4.3	10,344	5.8	72,998	40.9	16	9
EAST SOUTH CENTRAL:													
Kentucky.....	579,756	506,299	87.3	441,093	76.1	47,716	8.2	17,490	3.0	73,413	12.7	43	1
Tennessee.....	542,408	419,646	77.4	400,706	73.9	12,485	2.3	6,455	1.2	122,707	22.6	54	1
Alabama.....	501,959	284,116	56.6	269,397	53.7	8,602	1.7	6,117	1.2	217,676	43.4	167	.....
Mississippi.....	412,941	180,787	43.8	171,849	41.6	6,073	1.5	2,865	0.7	231,901	56.2	244	9
WEST SOUTH CENTRAL:													
Arkansas.....	351,994	248,964	70.7	234,232	66.5	9,140	2.6	5,592	1.6	102,917	29.2	112	1
Louisiana.....	395,354	222,473	56.3	166,066	42.0	37,276	9.4	19,131	4.8	172,711	43.7	149	21
Oklahoma.....	356,194	311,266	87.4	276,301	77.6	22,208	6.2	12,757	3.6	30,208	8.5	14,718	2
Texas.....	884,218	722,063	81.7	568,533	64.3	73,423	8.3	80,107	9.1	161,959	18.3	153	43
MOUNTAIN:													
Montana.....	81,741	78,331	95.8	34,086	41.7	20,289	24.8	23,956	29.3	553	0.7	2,811	46
Idaho.....	69,818	68,543	98.2	40,258	57.7	17,043	24.4	11,242	16.1	187	0.3	1,031	57
Wyoming.....	28,840	27,932	96.9	15,648	54.3	6,209	21.5	6,075	21.1	494	1.7	376	38
Colorado.....	213,425	209,195	98.0	122,780	57.5	43,605	20.4	42,810	20.1	3,861	1.8	284	85
New Mexico.....	73,152	68,276	93.3	56,719	77.5	5,494	7.5	6,063	8.3	441	0.6	4,424	11
Arizona.....	43,891	36,885	84.0	17,337	39.5	7,475	17.0	12,073	27.5	635	1.4	6,329	42
Utah.....	85,729	84,588	98.7	26,838	31.3	32,901	38.4	24,849	29.0	313	0.4	747	81
Nevada.....	18,140	16,366	90.2	7,317	40.3	5,189	28.6	3,860	21.3	206	1.1	1,511	61
PACIFIC:													
Washington.....	277,727	271,828	97.9	141,260	50.9	59,732	21.5	70,836	25.5	1,697	0.6	2,904	1,298
Oregon.....	168,323	166,191	98.7	104,149	61.9	32,273	19.2	29,769	17.7	443	0.3	1,323	366
California.....	671,386	654,306	97.5	308,000	45.9	174,435	26.0	171,870	25.6	6,936	1.0	4,209	5,936



# MALES OF MILITIA AGE.

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## MALES OF MILITIA AGE—18 TO 44 YEARS.

Men from 18 to 44 years of age, inclusive, are subject to militia duty under the laws of most states, and represent substantially the theoretical fighting strength of the country in case of war. Table 43 gives, by divisions and states, the total number of males of this class in 1910 and in 1900, with a further classification of the number in 1910 according to color or race, nativity, and parentage.

The total number of males from 18 to 44 years of

age in 1910 was 20,473,684, constituting 22.3 per cent of the total population of the country and 43.3 per cent of the total male population. Males of this age in 1900 constituted 21.3 per cent of the total population and 41.7 per cent of the total number of males. In 1910, 48.7 per cent of the males 18 to 44 years of age were native whites of native parentage, 19.1 per cent native whites of foreign or mixed parentage, 21.8 per cent foreign-born whites, and 9.7 per cent negroes.

## MALES FROM 18 TO 44 YEARS OF AGE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 43  DIVISION AND STATE.	TOTAL MALES 18 TO 44 YEARS OF AGE, INCLUSIVE.						NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.		Indian, Chinese, Japanese, and all other: 1910
	1910	1900	Increase: 1900-1910		Per cent of total population.		Native parentage.		Foreign or mixed parentage.		1910	1900	1910	1900	
			Number.	Per cent.	1910	1900	1910	1900							
United States.....	20,473,684	16,182,702	4,290,982	26.5	22.3	21.3	9,978,500	8,014,406	3,901,682	3,306,335	4,471,688	3,068,059	1,985,415	1,680,052	136,399
GEOGRAPHIC DIVISIONS:															
New England.....	1,458,900	1,236,976	221,924	17.9	22.3	22.1	500,616	490,420	356,428	298,312	581,585	429,658	17,325	14,770	2,946
Middle Atlantic.....	4,542,493	3,468,069	1,074,424	31.0	23.5	22.4	1,706,717	1,439,231	1,011,509	905,008	1,700,877	1,024,790	115,040	88,818	8,350
East North Central.....	4,102,692	3,458,041	644,651	18.6	22.5	21.6	1,940,295	1,653,859	1,108,243	996,005	966,436	736,240	81,757	67,013	5,961
West North Central.....	2,612,095	2,246,129	365,966	16.3	22.4	21.7	1,313,575	1,123,999	747,115	603,917	478,077	453,687	64,212	56,051	9,116
South Atlantic.....	2,405,895	1,979,974	425,921	21.5	19.7	19.0	1,429,525	1,159,974	90,855	90,392	103,836	57,169	779,085	609,921	2,594
East South Central.....	1,627,471	1,431,419	196,052	13.7	19.4	19.0	1,042,804	891,791	50,972	60,161	22,382	20,733	510,592	457,976	721
West South Central.....	1,813,048	1,286,476	526,572	40.9	20.6	19.7	1,166,405	783,320	129,943	100,947	101,009	74,351	401,043	315,706	14,048
Mountain.....	714,143	441,527	272,616	61.7	27.1	26.4	350,286	201,740	150,057	102,046	181,864	111,636	7,011	5,675	24,925
Pacific.....	1,196,947	634,091	562,856	88.8	28.6	26.2	528,277	270,072	256,560	149,547	335,022	159,795	9,350	4,122	67,738
NEW ENGLAND:															
Maine.....	151,325	142,175	9,150	6.4	20.4	20.5	94,710	96,430	22,666	18,681	33,338	26,505	330	294	281
New Hampshire.....	90,357	88,149	2,208	2.5	21.0	21.4	42,104	47,679	16,774	13,562	31,291	26,649	137	160	51
Vermont.....	73,685	70,850	2,835	4.0	20.7	20.6	43,100	42,351	14,214	15,708	15,467	12,556	896	204	9
Massachusetts.....	760,324	632,369	127,955	20.2	22.6	22.5	212,579	203,316	203,866	168,335	331,809	249,619	10,054	8,523	2,016
Rhode Island.....	125,213	95,737	29,476	30.8	23.1	22.3	32,212	28,476	34,685	26,004	55,743	38,797	2,357	2,142	216
Connecticut.....	257,990	207,696	50,300	24.2	21.3	22.9	75,911	72,168	64,223	56,022	113,937	75,832	3,552	3,447	373
MIDDLE ATLANTIC:															
New York.....	2,156,361	1,639,395	516,966	31.5	23.7	22.6	654,731	544,138	558,652	507,552	897,977	553,934	39,488	26,858	5,513
New Jersey.....	597,513	422,758	174,755	41.3	23.6	22.4	205,016	160,562	140,241	110,317	228,193	132,994	23,099	17,658	964
Pennsylvania.....	1,788,619	1,405,916	382,703	27.2	23.3	22.3	846,970	734,531	312,616	287,139	574,707	337,862	52,453	44,302	1,873
EAST NORTH CENTRAL:															
Ohio.....	1,076,928	893,327	183,601	20.6	22.6	21.5	621,653	523,276	222,993	227,443	202,580	118,597	29,269	23,684	433
Indiana.....	580,557	530,615	49,942	9.4	21.5	21.1	431,567	389,203	81,539	95,512	51,657	31,535	15,530	14,147	264
Illinois.....	1,330,556	1,091,472	239,084	21.9	23.6	22.6	527,411	455,457	367,457	315,894	402,334	294,254	31,702	24,671	1,652
Michigan.....	616,729	516,802	99,927	19.3	21.9	21.3	235,221	197,258	199,457	157,233	175,939	157,103	4,459	3,765	1,653
Wisconsin.....	497,922	425,825	72,097	16.9	21.3	20.6	124,443	88,665	236,797	199,923	133,926	134,751	797	746	1,059
WEST NORTH CENTRAL:															
Minnesota.....	491,113	399,734	91,379	22.9	23.7	22.8	109,967	81,312	204,803	149,863	171,816	165,140	2,743	1,772	1,784
Iowa.....	475,829	475,760	69	(1)	21.4	21.3	249,216	243,701	153,165	149,009	69,160	79,470	4,011	3,373	277
Missouri.....	721,166	662,928	58,238	8.8	21.9	21.3	483,258	434,875	132,421	136,856	63,626	52,885	41,441	37,949	420
North Dakota.....	145,628	80,191	65,437	81.6	25.2	25.1	37,362	16,582	51,647	19,634	55,217	42,484	250	93	1,152
South Dakota.....	140,635	87,505	53,130	60.7	24.1	21.8	54,311	27,312	51,198	28,027	31,326	28,355	271	137	3,529
Nebraska.....	267,497	235,572	31,925	13.6	22.4	22.1	131,046	117,542	83,257	61,618	49,349	53,679	2,600	2,010	1,265
Kansas.....	370,227	304,439	65,788	21.6	21.9	20.7	248,415	202,675	70,644	58,850	37,583	31,674	12,890	10,717	689
SOUTH ATLANTIC:															
Delaware.....	44,634	40,029	4,605	11.5	22.1	21.7	26,394	24,084	5,077	4,985	6,229	4,292	6,911	6,622	23
Maryland.....	271,373	243,776	27,597	11.3	20.9	20.5	153,567	131,720	39,343	41,554	28,824	22,322	40,386	47,746	253
District of Columbia.....	78,349	62,981	15,368	24.4	23.7	22.6	38,078	29,807	10,613	9,650	6,927	4,500	22,472	18,677	259
Virginia.....	398,728	346,030	52,698	15.2	19.3	18.7	255,336	216,888	8,026	7,457	9,460	5,512	125,092	115,872	214
West Virginia.....	275,048	200,503	74,545	37.2	22.5	20.9	211,721	166,264	11,530	12,630	30,582	7,939	21,134	13,621	81
North Carolina.....	392,192	326,202	65,990	20.2	17.8	17.2	271,439	223,643	1,706	1,644	2,106	1,289	115,547	98,691	1,394
South Carolina.....	276,788	236,767	40,021	16.9	18.3	17.7	128,262	102,298	2,443	2,685	1,976	1,423	144,019	130,283	88
Georgia.....	497,095	409,186	87,909	21.5	19.1	18.5	267,666	214,987	5,893	5,581	5,432	3,604	217,970	184,863	134
Florida.....	171,688	114,500	57,188	49.9	22.8	21.7	77,062	50,283	6,224	4,206	12,300	6,288	75,954	53,546	148
EAST SOUTH CENTRAL:															
Kentucky.....	457,493	428,622	28,871	6.7	20.0	20.0	359,347	320,525	31,475	38,563	8,284	9,844	58,306	59,635	81
Tennessee.....	423,088	384,249	38,839	10.1	19.4	19.0	315,443	280,109	8,844	10,204	5,026	4,408	93,709	89,452	66
Alabama.....	401,145	328,949	72,196	21.9	18.8	18.0	222,297	175,989	6,376	6,736	6,182	4,318	166,099	141,828	191
Mississippi.....	345,745	289,599	56,146	19.4	19.2	18.7	145,717	115,168	4,277	4,658	2,890	2,163	192,478	167,061	383
WEST SOUTH CENTRAL:															
Arkansas.....	311,792	250,380	61,412	24.5	19.8	19.1	209,990	169,937	8,381	7,325	4,687	4,004	88,627	69,055	107
Louisiana.....	338,343	268,739	69,604	25.9	20.4	19.5	153,426	104,614	24,881	28,118	15,159	13,107	144,430	122,381	447
Oklahoma.....	357,933	168,136	189,797	112.9	21.6	21.3	279,264	128,621	22,201	11,015	13,455	6,656	30,148	10,927	12,865
Texas.....	804,980	599,221	205,759	34.3	20.7	19.7	523,725	380,148	74,480	54,489	68,308	50,584	137,838	113,343	629
MOUNTAIN:															
Montana.....	123,232	83,574	39,658	47.5	32.8	34.3	47,659	28,454	26,584	18,458	44,568	30,886	613	557	3,808
Idaho.....	86,384	41,783	44,601	106.7	26.5	25.8	47,102	20,238	19,710	10,600	17,237	8,478	253	104	2,082
Wyoming.....	54,654	32,988	21,666	65.7	37.4	35.7	26,695	16,037	9,798	7,304	14,963	8,280	1,253	449	1,945
Colorado.....	203,982	142,136	61,846	43.5	25.5	26.3	112,306	76,092	39,265	27,784	46,740	35,144	3,241	2,501	2,430
New Mexico.....	73,097	41,464	31,633	76.3	23.2	21.2	53,737	29,730	5,741	3,885	9,109	4,511	474	653	4,036
Arizona.....	58,962	34,231	24,731	72.2	28.9	27.8	22,529	12,556	9,259	6,025	20,679	8,846	568	1,047	5,927
Utah.....	84,449	53,755	30,694	57.1	22.6	19.4	29,189	14,978	32,924	24,842	19,277	12,442	445	327	2,614
Nevada.....	29,383	11,596	17,787	153.4	35.9	27.4	11,069	3,655	6,776	3,148	9,291	3,049	164	37	2,083
PACIFIC:															
Washington.....	340,872	149,586	191,286	127.9	29.8	28.9	155,048	70,391	67,507	27,534	102,786	42,206	2,538	1,009	12,963
Oregon.....	190,553	105,628	84,925	80.4	28.3	25.5	106,647	59,595	34,653	18,542	42,372	18,290	613	455	6,268
California.....	655,622	378,877	286,645	75.7	28.0	25.5	266,582	140,086	154,400	103,471	189,864	99,299	6,199	2,638	48,477







## CHAPTER 3.

### AGE AND MARITAL CONDITION.

#### AGE STATISTICS.

**Introduction.**—This chapter contains a summary of the data relative to age, and to the marital condition of the population, reported at the Thirteenth Census, taken as of April 15, 1910, with comparative figures for prior censuses. Statistics are presented for the geographic divisions, the states, and the principal cities of the United States. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

It is impossible to claim entire accuracy for census statistics of age. Some people do not know their true ages; some people seem deliberately to report them incorrectly; and the reports for a good many persons are not made by the persons themselves, but by others who have not exact knowledge as to the age. There is a conspicuous tendency to report ages in round numbers; the number reported as 40 years of age, for example, is far greater than the number reported as either 39 or 41. In the present report, however, individual years are not shown, but only groups of years. When the ages are combined into groups of 5, 10, or more years the margin of error is probably small.

#### UNITED STATES AS A WHOLE.

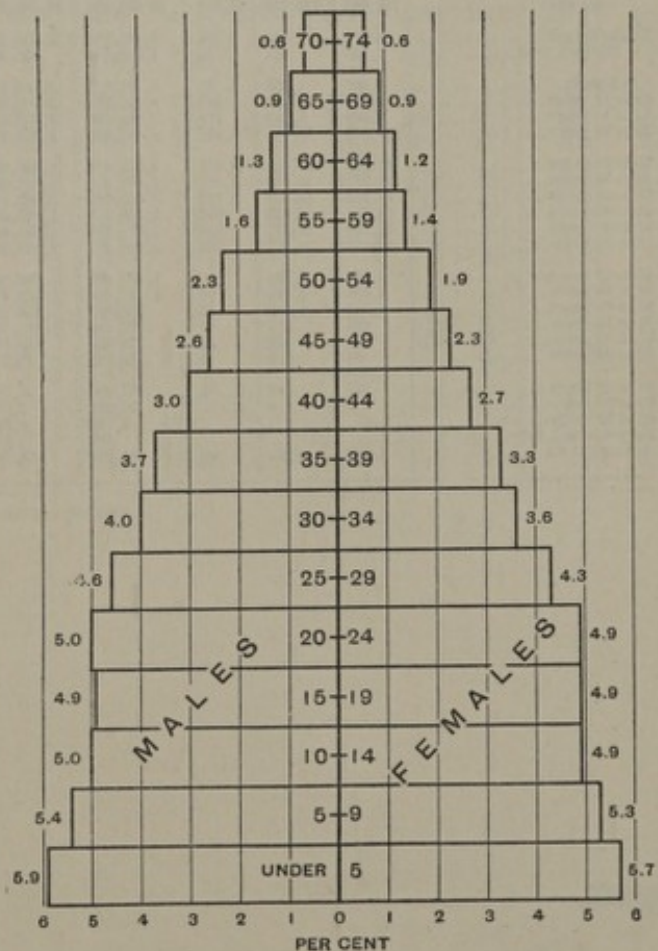
**Classification by 5-year age periods: 1910.**—Table 1, page 122, shows for 1910, by 5-year age periods, the population of the United States as a whole and of each of the principal race, nativity, and parentage classes, with a further distinction according to sex. Table 2 shows the relative importance of the different age groups by means of percentages.

The facts brought out by the tables can be much more clearly seen by means of diagrams. The diagram on this page presents the age distribution of the total population according to sex. The percentages which are shown in connection with the diagram differ from those in Table 2, in order to permit a comparison of the relative number of males and females in each age group. In Table 2 the percentage distribution by age for males is based on the total male population and for females on the total female population, but in the diagram the percentages for each sex are based upon the total population. For example, the diagram shows that males 15 to 19 years of age form 4.9 per cent of the total population while, as shown in Table 2, they form 9.6 per cent of the male population.

Where a population is maintained entirely by natural increase the number at any given year of age will, of course, be determined by the births in a corresponding earlier year, minus the deaths which have occurred among persons born in that year. Since

death claims its victims at all ages, the number of survivors will, under all ordinary conditions, diminish with advancing age, so that if the figures for the two sexes are represented on opposite sides of a vertical axis a diagram showing age distribution takes approximately the form of a pyramid or triangle. The death rate, however, is not uniform at all ages. It is very high during the first year after birth, decreases gradually until about the twelfth year, and then increases slowly until middle life, after which the acceleration is rapid. As the result of these variations, the age diagram for a normal population is not a perfect pyramid, but is slightly bell-shaped. There is also some difference between the two sexes in a normal population with respect to the number born and the death rates at different ages, so that the age diagram would not be altogether symmetrical.

DISTRIBUTION BY AGE PERIODS OF TOTAL  
POPULATION: 1910.





## ABSTRACT OF THE CENSUS—POPULATION.

## DISTRIBUTION BY AGE PERIODS OF THE POPULATION OF THE UNITED STATES: 1910.

Table 1	ALL CLASSES.			WHITE.			NEGRO.			INDIAN.		
	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.
All ages.....	91,972,266	47,332,277	44,639,989	81,731,957	42,178,245	39,553,712	9,827,763	4,885,881	4,941,882	265,683	135,133	130,550
Under 5 years.....	10,631,364	5,380,596	5,250,768	9,322,914	4,728,650	4,594,264	1,263,288	629,320	633,968	40,384	20,202	20,182
Under 1 year.....	2,217,342	1,123,409	1,093,933	1,955,605	993,242	962,363	252,386	125,459	126,927	8,216	4,127	4,089
5 to 9 years.....	9,760,632	4,924,123	4,836,509	8,475,173	4,285,366	4,189,807	1,246,553	619,175	627,378	36,541	18,349	18,192
10 to 14 years.....	9,107,140	4,601,753	4,505,387	7,918,408	4,006,104	3,912,304	1,155,266	578,074	577,192	31,393	16,199	15,194
15 to 19 years.....	9,063,603	4,527,282	4,536,321	7,968,391	3,999,143	3,969,248	1,060,416	507,945	552,471	28,486	14,612	13,874
20 to 24 years.....	9,056,984	4,580,290	4,476,694	7,986,411	4,070,955	3,915,456	1,030,795	482,157	548,638	21,844	11,265	10,579
25 to 29 years.....	8,180,003	4,244,348	3,935,655	7,257,136	3,792,224	3,464,912	881,227	421,805	459,422	18,137	9,237	8,900
30 to 34 years.....	6,972,185	3,656,768	3,315,417	6,267,276	3,297,160	2,970,117	668,089	332,163	335,926	15,243	7,756	7,487
35 to 39 years.....	6,396,100	3,367,016	3,029,084	5,731,845	3,024,002	2,707,843	633,449	320,450	312,999	14,834	7,721	7,113
40 to 44 years.....	5,261,587	2,786,350	2,475,237	4,780,272	2,537,219	2,243,053	455,413	229,680	225,733	11,961	6,126	5,835
45 to 49 years.....	4,469,197	2,378,916	2,090,281	4,061,062	2,131,848	1,899,214	385,909	199,928	185,981	9,887	5,103	4,784
50 to 54 years.....	3,900,791	2,110,013	1,790,778	3,555,313	1,915,860	1,639,453	326,070	179,357	146,683	9,343	4,914	4,429
55 to 59 years.....	2,786,951	1,488,437	1,298,514	2,564,206	1,363,821	1,200,385	209,622	115,090	94,532	7,171	3,706	3,465
60 to 64 years.....	2,267,150	1,185,966	1,081,184	2,069,323	1,076,733	992,570	186,502	101,149	85,353	6,524	3,332	3,192
65 to 69 years.....	1,679,903	863,994	815,909	1,549,954	792,310	757,644	123,560	67,956	55,604	4,482	2,259	2,223
70 to 74 years.....	1,113,728	561,644	552,084	1,030,884	518,888	511,996	78,839	40,584	38,255	3,382	1,561	1,821
75 to 79 years.....	667,302	331,280	336,022	620,992	307,446	313,546	44,018	22,667	21,351	2,105	983	1,122
80 to 84 years.....	321,754	153,745	168,009	294,555	141,301	153,254	25,579	11,696	13,883	1,565	695	870
85 to 89 years.....	122,818	56,335	66,483	110,936	50,843	60,093	11,166	5,164	6,002	691	304	387
90 to 94 years.....	33,473	14,553	18,920	27,161	11,970	15,191	5,850	2,394	3,456	498	185	273
95 to 99 years.....	7,391	3,045	4,346	4,757	1,935	2,822	2,447	1,017	1,430	187	93	94
100 years and over.....	3,555	1,380	2,175	764	326	438	2,675	1,004	1,671	116	50	66
Age unknown.....	169,055	114,443	54,612	134,224	94,112	40,112	31,040	17,076	13,964	949	481	468

Table 1—Continued.	CHINESE, JAPANESE, AND ALL OTHER.			NATIVE WHITE.						FOREIGN-BORN WHITE.		
	Both sexes.	Male.	Female.	Native parentage.			Foreign or mixed parentage.			Both sexes.	Male.	Female.
				Both sexes.	Male.	Female.	Both sexes.	Male.	Female.			
All ages.....	146,863	133,018	13,845	49,488,575	25,229,218	24,259,357	18,897,837	9,425,239	9,472,598	13,345,545	7,523,788	5,821,757
Under 5 years.....	4,778	2,424	2,354	6,546,282	3,326,237	3,220,045	2,674,125	1,350,473	1,323,652	102,507	51,940	50,567
Under 1 year.....	1,135	581	554	1,369,140	696,200	672,940	579,730	293,515	296,215	6,735	3,527	3,208
5 to 9 years.....	2,365	1,233	1,132	5,861,015	2,969,230	2,891,785	2,315,649	1,165,484	1,150,165	298,509	150,652	147,857
10 to 14 years.....	2,073	1,376	697	5,324,283	2,700,656	2,623,627	2,233,795	1,124,145	1,111,650	358,330	181,303	177,027
15 to 19 years.....	6,310	5,582	728	5,080,055	2,552,528	2,527,527	2,205,575	1,094,861	1,110,714	673,761	351,754	322,007
20 to 24 years.....	17,934	15,913	2,021	4,682,922	2,332,914	2,350,008	1,873,108	914,121	958,987	1,430,381	823,920	606,461
25 to 29 years.....	23,503	21,082	2,421	4,049,074	2,046,597	2,002,477	1,545,366	755,051	790,315	1,602,696	990,576	612,120
30 to 34 years.....	21,577	19,680	1,897	3,401,601	1,741,569	1,660,032	1,359,960	666,932	693,028	1,505,715	888,668	617,047
35 to 39 years.....	15,972	14,843	1,129	3,045,381	1,580,139	1,465,242	1,278,371	631,856	646,515	1,408,093	812,007	596,086
40 to 44 years.....	13,941	13,325	616	2,450,385	1,273,905	1,176,480	1,026,412	511,795	514,617	1,303,475	751,519	551,956
45 to 49 years.....	12,339	12,037	302	2,071,976	1,081,912	990,064	842,726	423,481	419,245	1,146,360	656,455	489,905
50 to 54 years.....	10,065	9,832	213	1,950,127	1,040,745	909,382	680,131	348,859	331,272	925,055	526,256	398,799
55 to 59 years.....	5,952	5,820	132	1,490,463	789,243	701,220	380,223	194,468	185,755	693,520	380,110	313,410
60 to 64 years.....	4,801	4,732	69	1,227,434	635,425	592,009	214,306	109,414	104,892	627,583	331,914	295,669
65 to 69 years.....	1,517	1,469	48	931,607	470,750	460,857	129,950	66,144	63,806	488,397	255,416	232,981
70 to 74 years.....	523	611	12	623,594	310,780	312,814	70,323	35,357	34,966	336,967	172,751	164,216
75 to 79 years.....	187	184	3	378,823	185,109	193,714	33,957	16,925	17,032	208,212	105,412	102,800
80 to 84 years.....	55	53	2	179,251	84,278	94,973	14,014	6,761	7,253	101,290	50,262	51,028
85 to 89 years.....	25	24	1	67,966	30,166	37,800	5,537	2,596	2,941	37,433	18,081	19,352
90 to 94 years.....	4	4	.....	16,632	7,041	9,591	1,495	736	759	9,034	4,193	4,841
95 to 99 years.....	.....	.....	.....	2,756	1,045	1,711	278	123	155	1,723	767	956
100 years and over.....	.....	.....	.....	439	180	259	32	20	12	293	126	167
Age unknown.....	2,842	2,774	68	97,509	68,769	28,740	10,504	5,637	4,867	26,211	19,706	6,505



## AGE DISTRIBUTION.

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PER CENT DISTRIBUTION BY AGE PERIODS OF THE POPULATION OF THE UNITED STATES: 1910.

AGE PERIOD.	ALL CLASSES.			WHITE.			NEGRO.			INDIAN.		
	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.6	11.4	11.8	11.4	11.2	11.6	12.9	12.9	12.8	15.2	14.9	15.5
Under 1 year.....	2.4	2.4	2.5	2.4	2.4	2.4	2.6	2.6	2.6	3.1	3.1	3.1
5 to 9 years.....	10.6	10.4	10.8	10.4	10.2	10.6	12.7	12.7	12.7	13.8	13.6	13.9
10 to 14 years.....	9.9	9.7	10.1	9.7	9.5	9.9	11.8	11.8	11.7	11.8	12.0	11.6
15 to 19 years.....	9.9	9.6	10.2	9.7	9.5	10.0	10.8	10.4	11.2	10.7	10.8	10.6
20 to 24 years.....	9.8	9.7	10.0	9.8	9.7	9.9	10.5	9.9	11.1	8.2	8.3	8.1
25 to 29 years.....	8.9	9.0	8.8	8.9	9.0	8.8	9.0	8.6	9.3	6.8	6.8	6.8
30 to 34 years.....	7.6	7.7	7.4	7.7	7.8	7.5	6.8	6.8	6.8	5.7	5.7	5.7
35 to 39 years.....	7.0	7.1	6.8	7.0	7.2	6.8	6.4	6.6	6.3	5.6	5.7	5.4
40 to 44 years.....	5.7	5.9	5.5	5.8	6.0	5.7	4.6	4.7	4.6	4.5	4.5	4.5
45 to 49 years.....	4.9	5.0	4.7	5.0	5.1	4.8	3.9	4.1	3.8	3.7	3.8	3.7
50 to 54 years.....	4.2	4.5	4.0	4.3	4.5	4.1	3.3	3.7	3.0	3.5	3.6	3.4
55 to 59 years.....	3.0	3.1	2.9	3.1	3.2	3.0	2.1	2.4	1.9	2.7	2.7	2.7
60 to 64 years.....	2.5	2.5	2.4	2.5	2.6	2.5	1.9	2.1	1.7	2.5	2.5	2.4
65 to 69 years.....	1.8	1.8	1.8	1.9	1.9	1.9	1.3	1.4	1.1	1.7	1.7	1.7
70 to 74 years.....	1.2	1.2	1.2	1.3	1.2	1.3	0.8	0.8	0.8	1.3	1.2	1.4
75 to 79 years.....	0.7	0.7	0.8	0.8	0.7	0.8	0.4	0.5	0.4	0.8	0.7	0.9
80 to 84 years.....	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.2	0.3	0.6	0.5	0.7
85 to 89 years.....	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.3	0.2	0.3
90 to 94 years.....	(1)	(1)	(1)	(1)	(1)	(1)	0.1	(1)	0.1	0.2	0.1	0.2
95 to 99 years.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.1	0.1	0.1
100 years and over.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.1
Age unknown.....	0.2	0.2	0.1	0.2	0.2	0.1	0.3	0.3	0.3	0.4	0.4	0.4

Table 2—Continued.

AGE PERIOD.	CHINESE, JAPANESE, AND ALL OTHER.			NATIVE WHITE.						FOREIGN-BORN WHITE.		
	Both sexes.	Male.	Female.	Native parentage.			Foreign or mixed parentage.			Both sexes.	Male.	Female.
				Both sexes.	Male.	Female.	Both sexes.	Male.	Female.			
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	3.3	1.8	17.0	13.2	13.2	13.3	14.2	14.3	14.0	0.8	0.7	0.9
Under 1 year.....	0.8	0.4	4.0	2.8	2.8	2.8	3.1	3.1	3.0	0.1	(1)	0.1
5 to 9 years.....	1.6	0.9	8.2	11.8	11.8	11.9	12.3	12.4	12.1	2.2	2.0	2.5
10 to 14 years.....	1.4	1.0	5.0	10.8	10.7	10.8	11.8	11.9	11.7	2.7	2.4	3.0
15 to 19 years.....	4.3	4.2	5.3	10.3	10.1	10.5	11.7	11.6	11.7	5.0	4.7	5.5
20 to 24 years.....	12.2	12.0	14.6	9.5	9.2	9.7	9.9	9.7	10.1	10.7	11.0	10.4
25 to 29 years.....	16.0	15.8	17.5	8.2	8.1	8.3	8.2	8.0	8.3	12.5	13.2	11.5
30 to 34 years.....	14.7	14.8	13.7	6.9	6.9	6.8	7.2	7.1	7.3	11.3	11.8	10.6
35 to 39 years.....	10.9	11.2	8.2	6.2	6.3	6.0	6.8	6.7	6.8	10.6	10.8	10.2
40 to 44 years.....	9.5	10.0	4.4	5.0	5.0	4.8	5.4	5.4	5.4	9.8	10.0	9.5
45 to 49 years.....	8.4	9.0	2.2	4.2	4.3	4.1	4.5	4.5	4.4	8.6	8.7	8.4
50 to 54 years.....	6.9	7.4	1.5	3.9	4.1	3.7	3.6	3.7	3.5	6.9	7.0	6.9
55 to 59 years.....	4.1	4.4	1.0	3.0	3.1	2.9	2.0	2.1	2.0	5.2	5.1	5.4
60 to 64 years.....	3.3	3.6	0.5	2.5	2.5	2.4	1.1	1.2	1.1	4.7	4.4	5.1
65 to 69 years.....	1.0	1.1	0.3	1.9	1.9	1.9	0.7	0.7	0.7	3.7	3.4	4.0
70 to 74 years.....	0.4	0.5	0.1	1.3	1.2	1.3	0.4	0.4	0.4	2.5	2.3	2.8
75 to 79 years.....	0.1	0.1	(1)	0.8	0.7	0.8	0.2	0.2	0.2	1.6	1.4	1.8
80 to 84 years.....	(1)	(1)	(1)	0.4	0.3	0.4	0.1	0.1	0.1	0.8	0.7	0.9
85 to 89 years.....	(1)	(1)	(1)	0.1	0.1	0.2	(1)	(1)	(1)	0.3	0.2	0.3
90 to 94 years.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.1	0.1	0.1
95 to 99 years.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
100 years and over.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Age unknown.....	1.9	2.1	0.5	0.2	0.3	0.1	0.1	0.1	0.1	0.2	0.3	0.1

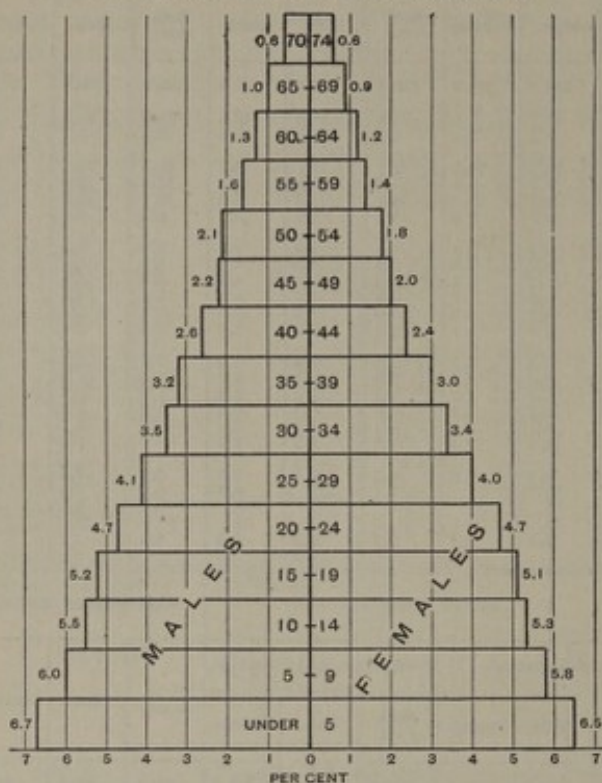
¹ Less than one-tenth of 1 per cent.



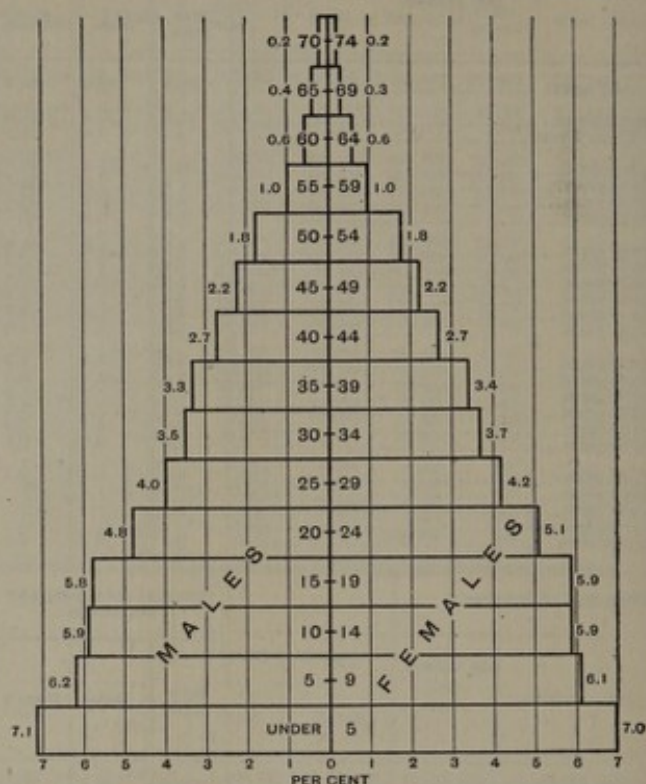
## ABSTRACT OF THE CENSUS—POPULATION.

## DISTRIBUTION BY AGE PERIODS OF THE PRINCIPAL CLASSES OF THE POPULATION: 1910.

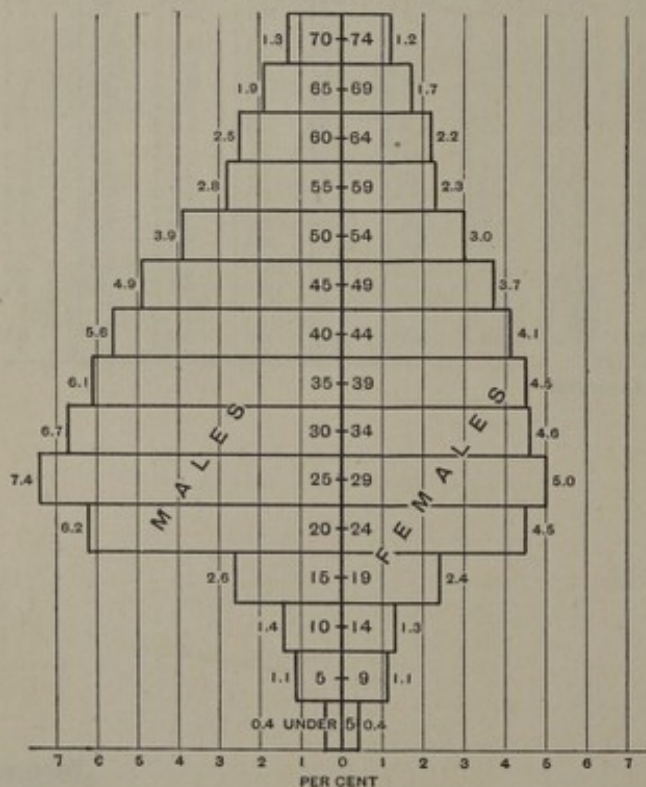
NATIVE WHITE OF NATIVE PARENTAGE.



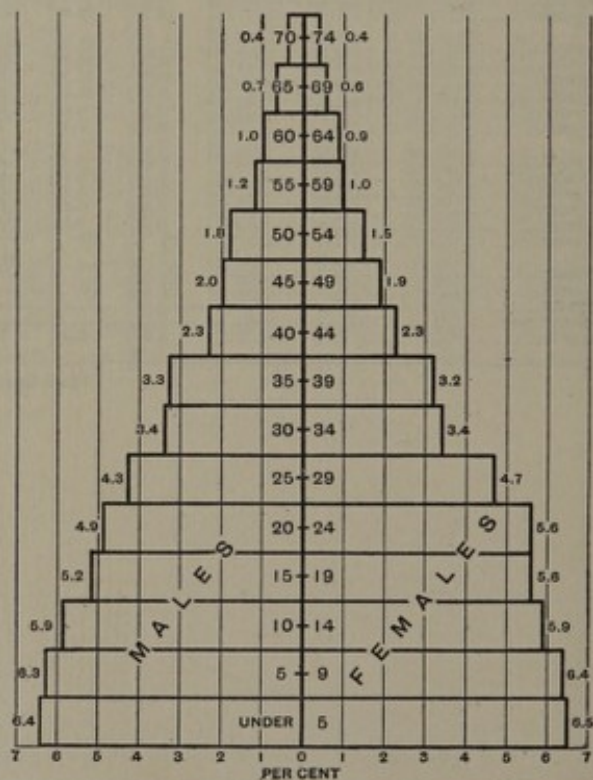
NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE.



FOREIGN-BORN WHITE.



NEGRO.





In the case of the United States the distribution by age, and more especially by sex at different ages, is materially affected by the presence of the foreign born. The immigrants are mostly of adult age when they arrive in this country and comprise more males than females. Consequently the bars in the diagram on page 124 representing the age periods of adult life are somewhat longer than they would be for a population recruited solely by natural increase, and the side of the diagram representing the males is extended disproportionately.

The wide differences in the age distribution of the principal classes of the population are best shown by the four accompanying diagrams, which relate to the native whites of native parentage, the native whites of foreign or mixed parentage, the foreign-born whites, and the negroes, respectively.

No two of these diagrams are identical in form, and the only one whose shape has not been influenced more or less by immigration is that representing the negro population. The extraordinary character of the age distribution of the foreign-born whites is obvious at a glance. The number in the older age groups actually exceeds materially the number in the younger age groups, which is not true of any of the native classes. The great excess of males over females in this class is also conspicuously shown. The sex and age distribution of the Chinese and Japanese, who are largely foreign born, is also highly abnormal, as shown by Table 2.

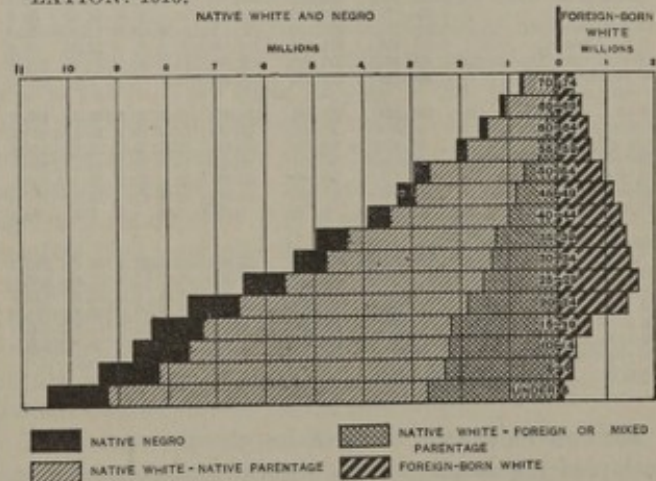
The influence of the foreign born upon the age distribution of our population does not cease upon their arrival in this country. The children born to them after their arrival are, of course, included with the native population, and if the total native population were shown by ages it would be found that the number of children was relatively somewhat greater than would be the case if the population were recruited solely by natural increase. This condition is brought out especially by the diagram showing the native white population of foreign or mixed parentage. In this group the proportion of children is somewhat larger, and the proportion of persons in the most advanced age groups much smaller, than in the case of the native white population of native parentage or the negro population. This is largely due to the fact that immigration to this country has greatly increased in volume in recent years. If immigration should fall off or cease altogether, it is obvious that after a time the age composition of the second generation, consisting of the children born of immigrants, would become abnormal in having an unduly small—instead of an unduly large—proportion of persons in the younger age periods.

Even the native white population of native parentage is indirectly affected in its age distribution by immigration, since the children of the native whites of foreign or mixed parentage are included in the class of natives of native parentage. Nevertheless, the age

distribution of the native whites of native parentage in the United States as a whole corresponds very closely to that of a normal population unaffected by migration. A comparison of the diagram for this class with that for the negroes, therefore, indicates approximately the relative tendencies of the two races with respect to birth and mortality rates. Among the native whites of native parentage the percentage of persons in the older age groups is higher than among the negroes. Doubtless this difference is partly due to a lower death rate among the native whites than among the negroes, but it may also be affected by the relative birth rate of the two classes or by changes in the birth rate within the same class. A decline in the birth rate is a factor which tends to reduce the relative importance of the younger age groups and increase that of the older. It is practically certain that the birth rate in the case of the white population of native stock has been steadily declining for many years. If there is a similar tendency among the negroes it is probably of more recent origin than in the case of the whites. The proportion of persons under 5 years of age is, however, also higher for the native whites of native parentage than for the negroes, doubtless partly because of the high infant mortality among negroes.

The diagram below, based on absolute numbers, is designed to show primarily the contrast in age distribution between the native white and native negro population and the foreign-born white population.

DISTRIBUTION BY AGE PERIODS OF NATIVE WHITE AND NEGRO AND OF FOREIGN-BORN WHITE POPULATION: 1910.



**Classification by broader age periods: 1910.**—For many purposes it is desirable to adopt an age classification which is less detailed than the one used in the preceding tables and diagrams and at the same time corresponds approximately to certain well-recognized periods of life. Thus, the years under 5 may be roughly designated as early childhood; those from 5 to 14 as the school period; those from 15 to 24 as the period of youth; those from 25 to 44 as the prime of life; those from 45 to 64 as middle or late middle life; and those 65 and over as old age.



Table 3 shows, for 1910, the distribution of the total population of the United States and of the principal race, nativity, and parentage classes by sex according to these six age periods. In this, as in most of the following tables, the insignificant number of unknown age is not shown separately, but is included in the totals upon which the percentages for the several age periods are based. The percentages would scarcely differ at all if they were based on the population of known age instead of the total population.

Table 3	POPULATION: 1910			PER CENT.			Males to 100 females.
	Total.	Male.	Female.	Total.	Male.	Female.	
<b>Total population.</b>	<b>91,972,266</b>	<b>47,332,277</b>	<b>44,639,989</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>106.0</b>
Under 5 years.	10,681,364	5,380,596	5,250,768	11.6	11.4	11.8	102.5
5 to 14 years.	18,867,772	9,525,876	9,341,896	20.5	20.1	20.9	102.0
15 to 24 years.	18,120,587	9,107,572	9,013,015	19.7	19.2	20.2	101.0
25 to 44 years.	26,809,875	14,054,482	12,755,393	29.1	29.7	28.6	110.2
45 to 64 years.	13,424,089	7,163,332	6,260,757	14.6	15.1	14.0	114.4
65 years and over.	3,949,524	1,985,976	1,963,548	4.3	4.2	4.4	101.1
<b>Native white—Native parentage.</b>	<b>49,488,575</b>	<b>25,229,218</b>	<b>24,259,357</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>104.0</b>
Under 5 years.	6,546,282	3,326,237	3,220,045	13.2	13.2	13.3	103.3
5 to 14 years.	11,185,298	5,669,886	5,515,412	22.6	22.5	22.7	102.8
15 to 24 years.	9,771,977	4,885,442	4,886,535	19.7	19.4	20.1	100.0
25 to 44 years.	12,946,441	6,642,210	6,304,231	26.2	26.3	26.1	105.4
45 to 64 years.	6,740,000	3,547,325	3,192,675	13.6	14.1	13.2	111.1
65 years and over.	2,201,088	1,089,349	1,111,739	4.4	4.3	4.6	98.0
<b>Native white—Foreign or mixed parentage.</b>	<b>18,897,837</b>	<b>9,425,239</b>	<b>9,472,598</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>99.5</b>
Under 5 years.	2,674,125	1,350,473	1,323,652	14.2	14.3	14.0	102.0
5 to 14 years.	4,551,444	2,289,629	2,261,815	24.1	24.3	23.9	101.2
15 to 24 years.	4,078,683	2,008,982	2,069,701	21.6	21.3	21.8	97.1
25 to 44 years.	5,210,109	2,565,634	2,644,475	27.6	27.2	27.9	97.0
45 to 64 years.	2,117,386	1,076,222	1,041,164	11.2	11.4	11.0	103.4
65 years and over.	265,586	128,662	136,924	1.4	1.4	1.3	101.4
<b>Foreign-born white.</b>	<b>13,345,545</b>	<b>7,523,788</b>	<b>5,821,757</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>129.2</b>
Under 5 years.	102,507	51,940	50,567	0.8	0.7	0.9	102.7
5 to 14 years.	656,839	331,955	324,884	4.9	4.4	5.6	102.2
15 to 24 years.	2,104,142	1,175,674	928,468	15.8	15.6	15.9	126.6
25 to 44 years.	5,879,979	3,442,770	2,437,209	44.1	45.8	41.9	141.3
45 to 64 years.	3,302,518	1,894,735	1,407,783	25.4	25.2	25.7	126.5
65 years and over.	1,183,349	607,008	576,341	8.9	8.1	9.9	105.3
<b>Negro.</b>	<b>9,827,763</b>	<b>4,885,881</b>	<b>4,941,882</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>98.9</b>
Under 5 years.	1,263,288	629,320	633,968	12.9	12.9	12.8	99.3
5 to 14 years.	2,401,819	1,197,249	1,204,570	24.4	24.5	24.4	99.4
15 to 24 years.	2,091,211	990,102	1,101,109	21.3	20.3	22.3	89.9
25 to 44 years.	2,638,178	1,304,098	1,334,080	26.8	26.7	27.0	97.8
45 to 64 years.	1,108,103	595,554	512,549	11.3	12.2	10.4	116.2
65 years and over.	294,124	152,482	141,642	3.0	3.1	2.9	107.7
<b>Indian.</b>	<b>265,683</b>	<b>135,133</b>	<b>130,550</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>103.5</b>
Under 5 years.	40,384	20,302	20,082	15.2	14.9	15.5	100.1
5 to 14 years.	67,934	34,548	33,386	25.6	25.6	25.6	103.5
15 to 24 years.	50,330	25,877	24,453	18.9	19.1	18.7	105.8
25 to 44 years.	60,175	30,840	29,335	22.6	22.8	22.5	105.1
45 to 64 years.	32,925	17,055	15,870	12.4	12.6	12.2	107.5
65 years and over.	12,986	6,130	6,856	4.9	4.5	5.3	89.4
<b>Chinese, Japanese, and all other.</b>	<b>146,863</b>	<b>133,018</b>	<b>13,845</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>960.8</b>
Under 5 years.	4,778	2,424	2,354	3.3	1.8	17.0	103.0
5 to 14 years.	4,438	2,609	1,829	3.0	2.0	13.2	142.6
15 to 24 years.	24,244	21,495	2,749	16.5	16.2	19.9	781.9
25 to 44 years.	74,993	68,930	6,063	51.1	51.8	43.8	1,136.9
45 to 64 years.	33,157	32,441	716	22.6	24.4	5.2	4,530.9
65 years and over.	2,411	2,345	66	1.6	1.8	0.5	( <sup>1</sup> )

<sup>1</sup> Ratio not shown, the number of females being less than 100.

For convenience of comparison, the per cent distribution of the totals for the several classes shown in Table 3 is reproduced in Table 4.

Table 4	AGE PERIOD.	NATIVE WHITE.			Negro.	Indian.	Chinese, Japanese, and all other.
		Total.	Native parentage.	Foreign or mixed parentage.			
	All ages.	100.0	100.0	100.0	100.0	100.0	100.0
	Under 5 years.	11.6	13.2	14.2	0.8	12.9	15.2
	5 to 14 years.	20.5	22.6	24.1	4.9	24.4	25.6
	15 to 24 years.	19.7	19.7	21.6	15.8	21.3	18.7
	25 to 44 years.	29.1	26.2	27.6	44.1	26.8	22.6
	45 to 64 years.	14.6	13.6	11.2	25.4	11.3	12.4
	65 years and over.	4.3	4.4	1.4	8.9	3.0	4.9

Of the population of the country as a whole in 1910, children under 5 years of age formed 11.6 per cent; children from 5 to 14, 20.5 per cent; young persons from 15 to 24, 19.7 per cent; men and women from 25 to 44, 29.1 per cent; those from 45 to 64, 14.6 per cent; and those of 65 and over, 4.3 per cent. Table 4 shows clearly the differences already noted among the several classes of the population. Thus among native whites of foreign or mixed parentage children under 5 in 1910 formed 14.2 per cent of the total, the corresponding percentage for native whites of native parentage being 13.2; on the other hand, only 12.6 per cent of the former were 45 years of age and over, as compared with 18.1 per cent of the latter. Conspicuously large is the proportion of the foreign-born whites who are in the prime of life, the percentage of this class in the age period 25 to 44 being 44.1, as compared with 26.2 per cent for the native whites of native parentage, 27.6 for the native whites of foreign or mixed parentage, and 26.8 for the negroes.

Table 3 facilitates comparisons of the relative numbers of the two sexes in different age periods. In the total population of the country males outnumber females in each of the six age periods designated, the excess being particularly great in the age periods 25 to 44 and 45 to 64, where the disparity of the sexes among immigrants has its greatest effect. While, as already stated, the general age distribution of the native whites of native parentage, and still more, that of the native whites of foreign or mixed parentage, is indirectly affected by immigration, the relative numbers of the two sexes in those classes are, of course, independent of immigration and depend solely upon differences in the numbers of males and females born and the numbers dying at different ages. Among the native whites of native parentage the males, according to the returns, somewhat exceed the females in the two youngest age periods shown in the table and are again in excess in the age period 25 to 44, and conspicuously so in the period 45 to 64, but in the period 15 to 24 years the females slightly outnumbered the males.

It is not easy to explain why the figures show such a marked excess of males over females in the native white population of native parentage, and more particularly why this excess should be largely concentrated in the age groups from 25 to 64 years of age. If these conditions actually exist, they would seem to indicate a much higher death rate among females than among males in the most active period of life, followed by a higher death rate among males in the later years. It is improbable, however, that any differences in the death rates of the two sexes wholly explain these conditions. The reported age distribution of the two sexes and therefore the sex ratio by age groups may be affected by a greater tendency on the part of females to understate their age. It is not improbable, furthermore, that some persons of foreign birth or of native birth and foreign parentage are returned at the census as natives of native parentage.



This error would be more likely to occur in the case of males than of females, for the reason that the former predominate among the foreign born and for the further reason that the floating population, for which accurate information is difficult to obtain, consists mostly of males. It is possible also that the returns are affected in some slight degree by duplications, and this source of error would also be more apt to exaggerate the number of men than of women, for the reason that men are more likely to be away from home and therefore are more liable to be counted twice, once where they are and again where they reside when at home.

Among the native whites of foreign or mixed parentage the females are in excess both in the age period 15 to 24 and in that from 25 to 44, but the males are in excess in the most advanced age period as well as in the younger ages. Among negroes also the conditions are quite different from those among native whites of native parentage. Females outnumber males in all of the age periods specified up to 44 years, but males are considerably in excess in the periods 45 to 64 and 65 years and over.

Comparing the percentages in the several age groups for the two sexes, it will be seen that the greatest disparity in the case of the native whites of native parentage is in the age period 45 to 64 years, which in 1910 comprised 14.1 per cent of the males but only 13.2 per cent of the females. On the other hand, only 4.3 per cent of the males in this class were 65 years of age and over, as compared with 4.6 per cent of the females. For the negroes the most conspicuous differences between males and females were in the age period 15 to 24 years, which comprised a decidedly larger proportion of the total number of females than of the total number of males, and in the age period 45 to 64 years, in which the opposite was the case.

**Comparison with previous censuses.**—Table 5 shows the age distribution of the total population of the United States in 1910 and 1900, respectively, by five-year periods. The differences between the two censuses, while significant, are too small to be very clearly shown by means of a diagram.

The proportion of the total population in each of the age periods under 15 years was smaller in 1910 than in 1900, while the proportion for the periods from 20 to 69 years, inclusive, was greater in 1910 than in 1900. The change which is thus shown for the past decade is a continuation of a tendency manifest for some time past. In 1880, 26.7 per cent of the population was under ten years of age; in 1890, 24.3 per cent; in 1900, 23.7 per cent; and in 1910, 22.2 per cent. Such a change might be due to any one or more of three causes—a declining birth rate, a change in mor-

talities rates, or increased immigration. Doubtless the first and third causes are actually operative. Mortality statistics, however, indicate that there has been a relatively greater reduction in death rates among children than among adults; consequently unless the birth rate had fallen off considerably one would have expected, after allowing for other factors, a larger proportion of children in 1910 than in 1900.

Table 5

AGE PERIOD.	TOTAL POPULATION.		PER CENT OF TOTAL.	
	1910	1900	1910	1900
All ages.....	91,972,266	75,994,575	100.0	100.0
Under 5 years.....	10,631,364	9,170,628	11.6	12.1
Under 1 year.....	2,217,342	1,916,892	2.4	2.5
5 to 9 years.....	9,760,632	8,874,123	10.6	11.7
10 to 14 years.....	9,107,140	8,080,234	9.9	10.6
15 to 19 years.....	9,063,603	7,556,089	9.9	9.9
20 to 24 years.....	9,056,984	7,335,016	9.8	9.7
25 to 29 years.....	8,180,003	6,529,441	8.9	8.6
30 to 34 years.....	6,972,185	5,556,039	7.6	7.3
35 to 39 years.....	6,396,100	4,964,781	7.0	6.5
40 to 44 years.....	5,261,587	4,247,166	5.7	5.6
45 to 49 years.....	4,469,197	3,454,612	4.9	4.5
50 to 54 years.....	3,900,791	2,942,829	4.2	3.9
55 to 59 years.....	2,786,951	2,211,172	3.0	2.9
60 to 64 years.....	2,267,150	1,791,363	2.5	2.4
65 to 69 years.....	1,679,503	1,302,926	1.8	1.7
70 to 74 years.....	1,113,728	883,841	1.2	1.2
75 to 79 years.....	667,302	519,857	0.7	0.7
80 to 84 years.....	321,754	251,512	0.3	0.3
85 to 89 years.....	122,818	88,600	0.1	0.1
90 to 94 years.....	33,473	23,992	(1)	(1)
95 to 99 years.....	7,391	6,265	(1)	(1)
100 years and over.....	3,555	3,504	(1)	(1)
Age unknown.....	169,055	200,584	0.2	0.3

<sup>1</sup> Less than one-tenth of 1 per cent.

It may be noted that the proportion of centenarians, according to the census returns, was less in 1910 than in 1900. In fact, the proportion has steadily decreased from census to census for over half a century. The number of centenarians reported in 1910 was equal to 4 for each 100,000 of the total population, while the corresponding ratio in 1850 was 11. It is improbable that any such decrease in longevity has actually occurred. By no means have all those who report themselves as 100 years old or more, in fact, reached that age, and the apparent reduction in the proportion of centenarians is probably due to greater accuracy in the returns.

Table 6 compares the distribution of the population at the last two censuses, by classes, among a more limited number of age periods.

The most significant statistics in this table are those for the native whites of native parentage and the negroes, since the age distribution of these two classes is the least distorted by the influence of immigration. In both of these classes the proportion in the younger age periods was somewhat smaller in 1910 than in 1900, and the proportion in the older age periods somewhat greater.



Table 6

Table 6	AGE PERIOD.		ALL CLASSES.		NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.	
					Native parentage.		Foreign or mixed parentage.					
1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	
All ages, number <sup>1</sup> .....	91,972,266	75,994,575	49,488,575	40,949,362	18,897,837	15,646,017	13,345,545	10,213,817	9,827,763	8,833,994		
Under 5 years.....	10,631,364	9,170,628	6,546,282	5,464,881	2,674,125	2,402,702	102,507	52,369	1,263,288	1,215,655		
5 to 14 years.....	18,867,772	16,954,357	11,183,298	9,834,610	4,551,444	4,304,107	656,839	458,757	2,401,819	2,294,748		
15 to 24 years.....	18,120,587	14,891,105	9,771,977	8,040,562	4,078,683	3,356,443	2,104,142	1,481,228	2,091,211	1,951,194		
25 to 44 years.....	26,809,875	21,297,427	12,946,441	10,272,124	5,210,109	4,393,428	5,879,979	4,414,590	2,638,178	2,103,969		
45 to 64 years.....	13,424,089	10,399,976	6,740,000	5,509,928	2,117,386	1,039,960	3,392,518	2,831,646	1,108,103	958,234		
65 years and over.....	3,949,524	3,080,498	2,201,068	1,715,226	255,586	141,146	1,183,349	950,347	294,124	261,363		
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
Under 5 years.....	11.6	12.1	13.2	13.3	14.2	15.4	0.8	0.5	12.9	13.8		
5 to 14 years.....	20.5	22.3	22.6	24.0	24.1	27.5	4.9	4.5	24.4	26.0		
15 to 24 years.....	19.7	19.6	19.7	19.6	21.6	21.5	15.8	14.5	21.3	22.1		
25 to 44 years.....	29.1	28.0	26.2	25.1	27.6	28.1	44.1	43.2	26.8	23.8		
45 to 64 years.....	14.6	13.7	13.6	13.5	11.2	6.6	25.4	27.7	11.3	10.8		
65 years and over.....	4.3	4.1	4.4	4.2	1.4	0.9	8.9	9.3	3.0	3.0		

<sup>1</sup> Includes a small number of persons of unknown age.

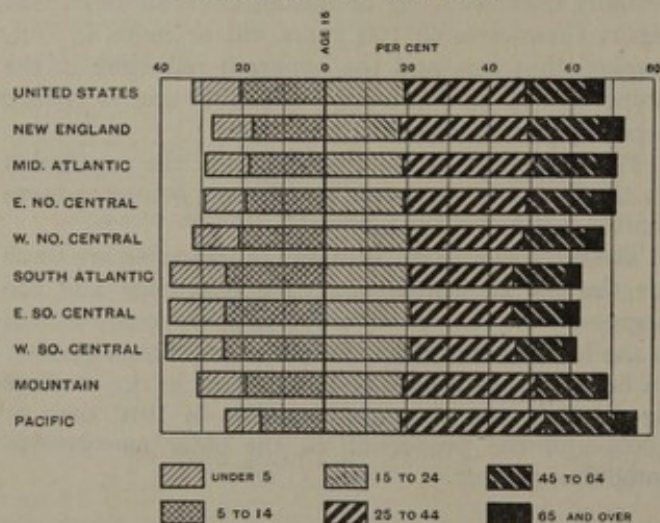
## DIVISIONS AND STATES.

**Geographic divisions.**—That very considerable differences exist among the divisions of the country with respect to the age distribution of the population will be seen from Table 7 and the accompanying diagram, which show, by percentages, the distribution of the total population of each of the nine geographic divisions in 1910 among certain broad age groups.

Table 7

AGE PERIOD.	PER CENT OF TOTAL POPULATION: 1910								
	New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.8	10.6	10.5	11.3	13.6	13.8	14.1	11.6	8.6
5 to 14 years.....	17.4	18.4	19.1	20.6	24.0	24.3	24.7	19.5	15.6
15 to 24 years.....	18.3	19.4	19.3	20.2	20.4	20.4	20.6	19.2	18.7
25 to 44 years.....	31.4	31.7	29.8	28.4	25.8	25.4	26.0	32.4	35.2
45 to 64 years.....	17.1	15.4	16.1	14.8	12.6	12.4	11.6	14.0	16.9
65 years and over.....	5.9	4.4	5.1	4.6	3.6	3.5	2.8	3.0	4.5

## DISTRIBUTION BY AGE PERIODS OF TOTAL POPULATION BY DIVISIONS: 1910.



The factors producing these differences in age distribution are complex. The racial composition of the population, the extent to which it has been recruited by immigration from abroad and the periods at which such immigration has chiefly occurred, the relative

proportions of urban and rural population, and the degree in which the population has gained or lost through interstate migration are important causes affecting the age distribution of the population of the several divisions, aside from the birth rates and death rates.

In each of the four northern divisions, persons in the younger age periods form a smaller proportion of the total population, and those in the more advanced age periods a larger proportion, than in any of the three southern divisions. In considering these differences it should be borne in mind that the northern divisions contain relatively a much larger urban population than the southern, and that they have received relatively far more foreign immigrants, while, on the other hand, the South has many more negroes than the North. The age period 25 to 44 years comprises a larger proportion of the total population in the Mountain and Pacific divisions than in any other division.

Table 11, pages 131 and 132, shows, by divisions, the age distribution of the total population and of the principal race, nativity, and parentage classes in 1910, with comparative figures for 1900. A detailed study of the absolute numbers and percentages for the several classes will help to explain the differences among the several divisions as regards the age distribution of the total population. It is of particular interest to compare the statistics with reference to the native whites of native parentage—a class which is largely represented in every geographic division, and whose age distribution is little affected by immigration from abroad, although much affected by migration from one division to another. For this class, considered by itself, differences in age distribution appear between the North, the South, and the West which correspond approximately to the differences between these sections with respect to the age distribution of the total population. There are relatively fewer children and relatively more persons in the prime of life and the older ages, in the northern divisions than in the southern. One explanation for this fact may be that the birth rate has declined in the North more than in the South. In fact, the North has lost more people in the prime of life by migration to the West than has the South, and had there been no



interstate migration a still greater disparity would probably appear between the North and the South in the age distribution of the native whites of native parentage.

The most conspicuous contrast is that between the New England division and the West South Central. In the former in 1910 only 9.6 per cent of the native whites of native parentage were children under 5 years of age, while 29.2 per cent were 45 years of age and over. In the West South Central division 15.2 per cent of the persons in this class were under 5 years of age, and only 13.5 per cent were 45 years of age and over.

Although the Mountain and Pacific divisions differ considerably from each other with respect to the age distribution of the native whites of native parentage, in both, as in the case of the total population of all classes, persons from 25 to 44 years of age—the most active ages—constitute a larger proportion of the population of this class than in any of the other divisions. This is undoubtedly due chiefly to migration, especially from the northern divisions, to the West.

**States.**—Table 12, pages 133 to 135, shows, in absolute numbers, by states, the age distribution of the total population and of each of the four most important color or race, nativity, and parentage classes. Table 13, page 136, presents percentages by age periods for the total population of each state. In interpreting the differences among the states, the causes already mentioned as affecting the conditions in the several geographic divisions should be borne in mind.

#### URBAN AND RURAL COMMUNITIES.

Urban and rural communities differ greatly with respect to the age distribution of the population, as appears from Table 8, which gives statistics for the United States as a whole in 1910, and from the accompanying diagram, which groups the ages into three main periods. Urban communities, as defined by the Census Bureau, comprise all incorporated places of 2,500 inhabitants or more, including New England towns of that size.

The absolute numbers presented in this table are quite as significant as the percentages. In the United States as a whole there are many more persons in each of the age groups comprising persons under 20 years of age in the rural communities than in the urban communities, but in each of the age groups comprising persons from 20 to 54 years of age, which embrace the most active period of life, there are more persons in urban than in rural communities. On the other hand, the rural communities contained more persons in advanced middle life and old age. The urban communities contained in 1910 considerably less than half (46.3 per cent) of the total population of the country of all ages, but they contained over half (51.8 per cent) of the persons between 20 and 54 years of age. There were 22,925,133 persons between 20 and 54

in urban communities, as compared with 21,311,714 in rural communities. Such persons constituted 53.8 per cent of the total urban population, but only 43.2 per cent of the rural.

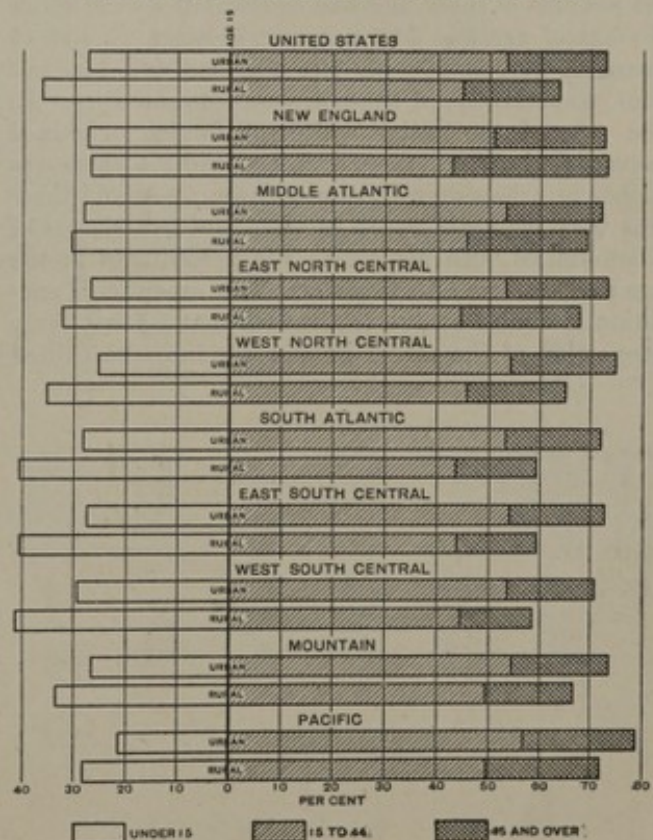
Table 8

AGE PERIOD.	POPULATION: 1910		PER CENT OF TOTAL.	
	Urban.	Rural.	Urban.	Rural.
All ages <sup>1</sup> .....	42,623,383	49,348,883	100.0	100.0
Under 5 years.....	4,200,291	6,431,073	9.9	13.0
5 to 9 years.....	3,773,917	5,986,715	8.9	12.1
10 to 14 years.....	3,627,408	5,479,732	8.5	11.1
15 to 19 years.....	4,003,271	5,060,332	9.4	10.3
20 to 24 years.....	4,570,558	4,486,426	10.7	9.1
25 to 29 years.....	4,338,392	3,841,611	10.2	7.8
30 to 34 years.....	3,697,202	3,274,983	8.7	6.6
35 to 44 years.....	6,133,259	5,524,428	14.4	11.2
45 to 54 years.....	4,185,722	4,184,296	9.8	8.5
55 to 64 years.....	2,302,142	2,751,959	5.4	5.6
65 years and over.....	1,693,010	2,256,514	4.0	4.6
Under 5 years.....	4,200,291	6,431,073	9.9	13.0
5 to 14 years.....	7,401,325	11,466,447	17.4	23.2
15 to 24 years.....	8,573,829	9,546,758	20.1	19.3
25 to 44 years.....	14,168,853	12,641,022	33.2	25.6
45 to 64 years.....	6,487,864	6,936,225	15.2	14.1
65 years and over.....	1,693,010	2,256,514	4.0	4.6

<sup>1</sup> Includes a small number of persons of unknown age.

This great disparity is due chiefly to two causes: First, the fact that the foreign born, who when they immigrate to this country are mainly of adult age, go chiefly to the cities; and, second, the fact that most of the native born who move from country to city are adults in the most active period of life. It is impossible to draw any conclusions as to the relative fecundity, or the relative longevity, of the urban and the rural population from the statistics, because of the powerful effect of these two causes on the age distribution.

#### DISTRIBUTION BY AGE PERIODS OF THE URBAN AND RURAL POPULATION, BY DIVISIONS: 1910.





The extent to which differences between urban and rural communities appear in the principal color or race, nativity, and parentage classes of the population may readily be seen from the percentages in the following table:

AGE PERIOD.	PER CENT OF TOTAL.							
	Native white.				Foreign-born white.		Negro.	
	Native parentage.		Foreign or mixed parentage.					
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.5	14.2	15.0	12.6	0.8	0.7	8.5	14.5
5 to 14 years.....	19.5	24.3	23.9	24.4	5.2	4.1	16.9	27.3
15 to 24 years.....	20.5	19.3	21.7	21.4	17.1	12.4	21.5	21.2
25 to 44 years.....	29.9	24.1	27.7	27.4	45.6	40.1	36.6	23.2
45 to 64 years.....	14.0	13.4	10.7	12.2	23.9	29.5	13.1	10.6
65 years and over.....	4.3	4.5	1.1	1.8	7.3	12.8	2.9	3.0

It will be seen, for example, that in the case of the native whites of native parentage in urban communities in 1910, 11.5 per cent were under 5 years of age, as compared with 14.2 per cent in rural communities; on the other hand, 29.9 per cent in urban communities were from 25 to 44 years old, but only 24.1 per cent in rural communities. In the case of the foreign-born whites the percentage under 5 years was practically the same in urban as in rural communities, but persons from 25 to 44 years of age formed 45.6 per cent of the total number in urban communities and 40.1 per cent in rural communities. Especially striking is the contrast among the negroes; 8.5 per cent of those in urban communities were under 5 years of age and 36.6 per cent between 25 and 44 years, as compared with 14.5 per cent and 23.2 per cent, respectively, of those in rural communities. In the case of the native whites of foreign or mixed parentage, however, the percentage under 5 years was higher in urban than in rural communities, and there was very little difference between the two classes of communities with respect to the percentages in the age periods from 5 to 44 years. This exceptional condition is doubtless due to the fact that a fairly large proportion of the earlier immigrants into the United

States settled in rural districts, while most of the more recent immigrants have gone to the cities and have contributed large numbers of children to the class of native whites of foreign or mixed parentage there.

The dissimilarity between urban and rural communities with respect to age distribution appears in the case of both sexes, as may be seen from the following table:

AGE PERIOD.	POPULATION: 1910				PER CENT OF TOTAL.			
	Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages <sup>1</sup> .....	21,496,181	25,836,096	21,127,202	23,512,787	100.0	100.0	100.0	100.0
Under 5 years.....	2,118,706	3,261,890	2,081,585	3,169,183	9.9	12.6	9.9	13.5
5 to 14 years.....	3,689,561	5,836,315	3,711,764	5,630,132	17.2	22.6	17.6	23.9
15 to 24 years.....	4,176,853	4,930,719	4,396,976	4,616,039	19.4	19.1	20.8	19.6
25 to 44 years.....	7,341,394	6,713,088	6,827,459	5,927,934	34.2	26.0	32.3	25.2
45 to 64 years.....	3,320,534	3,842,798	3,167,330	3,093,427	15.4	14.9	15.0	13.2
65 years and over.....	782,062	1,203,914	910,948	1,052,600	3.6	4.7	4.3	4.5

<sup>1</sup> Includes a small number of persons of unknown age.

Table 14, pages 137 and 138, presents age statistics for the urban and rural population of each of the nine geographic divisions in 1910. The statements with regard to conditions in the country as a whole will be found to hold true, with little modification, in most of the geographic divisions.

#### PRINCIPAL CITIES.

Table 15, pages 139 to 143, shows, for each city of 100,000 inhabitants or more, in absolute numbers and percentages, the age distribution of the total population and of the most important color or race, nativity, and parentage groups.

Table 16, pages 144 and 145, shows the age distribution of the total population of each city of 25,000 to 100,000 inhabitants.

The differences among the various individual cities with respect to age distribution are largely attributable to differences in the extent to which the growth of such cities has been due to migration from abroad or from the smaller towns and rural districts of this country. It is impossible to draw any conclusions as to relative birth rates or death rates from these statistics.



## AGE DISTRIBUTION.

131

## DISTRIBUTION BY AGE PERIODS OF THE TOTAL POPULATION, BY DIVISIONS: 1910 AND 1900.

[Totals for all ages include persons of unknown age.]

Table 11

DIVISION AND AGE PERIOD.	ALL CLASSES.		NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.	
			Native parentage.		Foreign or mixed parentage.					
	1910	1900	1910	1900	1910	1900	1910'	1900	1910	1900
NEW ENGLAND.										
All ages, number.....	6,552,681	5,592,017	2,613,419	2,511,110	2,052,799	1,579,044	1,814,386	1,436,872	66,306	59,099
Under 5 years.....	640,825	554,254	250,625	228,461	367,949	307,059	16,105	13,158	5,876	5,382
5 to 14 years.....	1,140,498	978,968	449,916	428,923	584,678	453,674	95,218	87,007	10,201	8,983
15 to 24 years.....	1,198,566	1,021,419	430,857	414,188	426,138	322,091	328,880	271,971	11,817	12,353
25 to 44 years.....	2,057,236	1,763,017	713,822	691,520	475,238	400,433	839,818	646,365	25,680	21,267
45 to 64 years.....	1,123,675	930,127	520,495	510,033	179,502	85,401	412,109	324,968	10,219	8,799
65 years and over.....	384,027	328,992	243,514	228,459	18,434	9,596	119,540	88,848	2,356	1,969
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.8	9.9	9.6	9.1	17.9	19.4	0.9	0.9	8.9	9.1
5 to 14 years.....	17.4	17.5	17.2	17.1	28.5	28.7	5.2	6.1	15.4	15.2
15 to 24 years.....	18.3	18.3	16.5	16.5	20.8	20.4	18.1	18.9	17.8	20.9
25 to 44 years.....	31.4	31.5	27.3	27.5	23.2	25.4	46.3	45.0	38.7	36.0
45 to 64 years.....	17.1	16.6	19.9	20.3	8.7	5.4	22.7	22.6	15.4	14.9
65 years and over.....	5.9	5.9	9.3	9.1	0.9	0.6	6.6	6.2	3.6	3.3
MIDDLE ATLANTIC.										
All ages, number.....	19,315,892	15,454,678	8,462,961	7,406,579	5,591,312	4,402,167	4,826,179	3,302,116	417,870	325,921
Under 5 years.....	2,050,139	1,690,067	992,447	903,543	983,447	737,478	38,007	19,141	35,298	29,075
5 to 14 years.....	3,545,324	3,039,428	1,766,924	1,632,930	1,431,837	1,166,317	284,076	167,909	60,674	49,621
15 to 24 years.....	3,741,376	2,891,567	1,638,953	1,397,388	1,105,167	880,876	912,575	534,129	81,370	75,993
25 to 44 years.....	6,126,201	4,820,969	2,325,020	1,946,088	1,386,625	1,259,141	2,233,517	1,486,444	173,469	120,069
45 to 64 years.....	2,977,061	2,296,577	1,270,631	1,104,545	606,283	315,600	1,042,214	833,370	54,458	40,404
65 years and over.....	851,160	689,339	454,779	384,396	75,482	41,095	309,187	254,779	11,330	8,775
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.6	10.9	11.7	12.2	17.6	16.8	0.8	0.6	8.4	8.9
5 to 14 years.....	18.4	19.7	20.9	22.3	25.6	26.5	5.9	5.1	14.5	15.2
15 to 24 years.....	19.4	18.7	19.4	18.9	19.8	20.0	18.9	16.2	19.5	23.3
25 to 44 years.....	31.7	31.2	27.5	26.3	24.8	28.6	46.3	45.0	41.5	36.8
45 to 64 years.....	15.4	14.9	15.0	14.9	10.8	7.2	21.6	25.2	13.0	12.4
65 years and over.....	4.4	4.5	5.4	5.2	1.3	0.9	6.4	7.7	2.7	2.7
EAST NORTH CENTRAL.										
All ages, number.....	18,250,621	15,985,581	9,751,968	8,488,016	5,108,434	4,601,740	3,067,220	2,620,297	300,836	257,842
Under 5 years.....	1,907,713	1,774,036	1,252,251	1,110,104	608,700	631,722	20,898	8,476	23,428	21,827
5 to 14 years.....	3,480,718	3,422,521	2,168,890	2,016,739	1,135,301	1,255,734	125,826	99,131	46,047	47,145
15 to 24 years.....	3,529,212	3,052,135	1,926,247	1,648,577	1,138,916	1,014,225	402,522	332,259	57,685	54,250
25 to 44 years.....	5,436,564	4,651,020	2,533,247	2,148,467	1,503,163	1,336,399	1,280,697	1,073,871	113,107	86,767
45 to 64 years.....	2,936,108	2,313,609	1,370,689	1,164,044	642,011	318,662	872,971	791,583	46,805	36,669
65 years and over.....	929,814	742,415	479,083	379,154	77,691	42,794	359,558	310,416	12,333	9,140
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.5	11.1	12.8	13.1	11.9	13.7	0.7	0.3	7.8	8.5
5 to 14 years.....	19.1	21.4	22.2	23.8	22.2	27.3	4.1	3.8	15.3	18.3
15 to 24 years.....	19.3	19.1	19.8	19.4	22.3	22.0	13.1	12.7	19.2	21.0
25 to 44 years.....	29.8	29.1	26.0	25.3	29.4	29.0	41.8	41.0	37.6	33.7
45 to 64 years.....	16.1	14.5	14.1	13.7	12.6	6.9	28.5	30.2	15.6	14.2
65 years and over.....	5.1	4.6	4.9	4.5	1.5	0.9	11.7	11.8	4.1	3.5
WEST NORTH CENTRAL.										
All ages, number.....	11,637,921	10,347,423	6,523,687	5,640,903	3,214,703	2,873,809	1,613,231	1,531,105	242,662	237,909
Under 5 years.....	1,310,909	1,264,617	917,228	796,711	360,278	435,512	8,583	4,631	19,127	21,510
5 to 14 years.....	2,400,375	2,395,946	1,530,803	1,422,353	765,238	861,660	54,184	51,730	40,175	50,081
15 to 24 years.....	2,347,750	2,040,145	1,322,316	1,122,793	790,586	667,035	177,511	189,629	49,177	52,903
25 to 44 years.....	3,303,068	2,855,700	1,638,080	1,399,536	939,114	738,605	629,018	635,529	86,228	71,548
45 to 64 years.....	1,718,233	1,366,402	829,423	704,131	322,032	148,722	523,503	476,058	36,596	30,893
65 years and over.....	532,623	400,689	268,571	199,029	35,282	20,603	216,414	170,262	9,954	8,427
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.3	12.2	14.1	14.1	11.2	15.2	0.5	0.3	7.9	9.0
5 to 14 years.....	20.6	23.2	23.5	25.1	23.8	30.0	3.4	3.4	16.6	21.1
15 to 24 years.....	20.2	19.7	20.3	19.8	24.6	23.2	11.0	12.4	20.3	22.2
25 to 44 years.....	28.4	27.6	25.1	24.7	29.2	25.7	39.0	41.5	35.5	30.1
45 to 64 years.....	14.8	13.2	12.7	12.4	10.0	5.2	32.4	31.1	15.1	13.0
65 years and over.....	4.6	3.9	4.1	3.5	1.1	0.7	13.4	11.1	4.1	3.5
SOUTH ATLANTIC.										
All ages, number.....	12,194,895	10,443,480	7,341,205	6,107,314	439,843	389,861	290,555	208,883	4,112,488	3,729,017
Under 5 years.....	1,657,219	1,447,579	1,027,812	856,012	54,686	44,433	2,575	880	570,516	545,284
5 to 14 years.....	2,920,908	2,627,533	1,746,118	1,527,854	88,228	84,896	15,852	8,976	1,068,275	1,004,008
15 to 24 years.....	2,483,317	2,190,895	1,470,014	1,260,948	80,447	77,960	46,899	25,866	883,929	824,522
25 to 44 years.....	3,142,195	2,513,571	1,864,458	1,464,497	131,872	130,885	126,202	80,438	1,016,899	835,014
45 to 64 years.....	1,530,570	1,274,234	945,517	771,500	72,172	43,495	69,007	64,956	442,299	393,265
65 years and over.....	439,628	361,355	278,967	214,785	12,072	7,909	29,089	27,089	119,140	111,321
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	13.6	13.9	14.0	14.0	12.4	11.4	0.9	0.4	13.9	14.6
5 to 14 years.....	24.0	25.2	23.8	25.0	20.1	21.8	5.5	4.3	26.0	26.9
15 to 24 years.....	20.4	21.0	20.0	20.6	18.3	20.0	16.1	12.4	21.5	22.1
25 to 44 years.....	25.8	24.1	25.4	24.0	30.0	33.6	43.4	38.5	24.7	22.4
45 to 64 years.....	12.6	12.2	12.9	12.6	16.4	11.2	23.8	31.1	10.8	10.5
65 years and over.....	3.6	3.5	3.8	3.5	2.7	2.0	10.0	13.0	2.9	3.0



## DISTRIBUTION BY AGE PERIODS OF THE TOTAL POPULATION, BY DIVISIONS: 1910 AND 1900—Continued.

[Totals for all ages include persons of unknown age.]

Table 11—Continued.  DIVISION AND AGE PERIOD.	ALL CLASSES.		NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.	
			Native parentage.		Foreign or mixed parentage.		1910	1900	1910	1900
	1910	1900	1910	1900	1910	1900				
EAST SOUTH CENTRAL.										
All ages, number.....	8,409,901	7,547,757	5,452,492	4,725,774	214,977	229,391	58,857	69,682	2,652,513	2,499,836
Under 5 years.....	1,160,471	1,055,904	796,697	688,544	15,048	18,696	426	299	347,803	348,061
5 to 14 years.....	2,040,195	1,939,802	1,339,649	1,226,281	32,183	44,517	3,350	2,295	664,288	665,981
15 to 24 years.....	1,719,229	1,601,614	1,102,123	985,975	38,975	50,840	8,430	7,739	569,118	556,432
25 to 44 years.....	2,134,484	1,791,850	1,343,403	1,105,897	79,934	86,826	29,973	29,155	680,407	569,198
45 to 64 years.....	1,043,077	891,182	670,749	561,166	43,003	24,157	28,941	34,979	300,000	270,496
65 years and over.....	297,289	242,903	193,484	147,702	5,654	4,178	15,567	15,003	82,481	75,917
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	13.8	14.0	14.6	14.6	7.0	8.2	0.5	0.2	13.1	13.9
5 to 14 years.....	24.3	25.7	24.6	25.9	15.0	19.4	3.9	2.6	25.1	26.6
15 to 24 years.....	20.4	21.2	20.2	20.9	18.1	22.2	9.7	8.6	21.5	22.3
25 to 44 years.....	25.4	23.7	24.6	23.4	37.2	37.9	34.5	32.5	25.7	22.8
45 to 64 years.....	12.4	11.8	12.3	11.9	20.0	10.5	33.3	39.0	11.3	10.8
65 years and over.....	3.5	3.2	3.5	3.1	2.6	1.8	17.9	16.7	3.1	3.0
WEST SOUTH CENTRAL.										
All ages, number.....	8,784,534	6,532,290	5,767,449	4,028,944	605,283	478,111	348,759	264,010	1,984,426	1,694,066
Under 5 years.....	1,235,658	960,174	877,638	632,442	79,676	71,493	5,909	2,862	258,012	242,448
5 to 14 years.....	2,171,304	1,738,339	1,467,943	1,104,329	148,061	132,535	27,435	17,987	595,974	464,426
15 to 24 years.....	1,812,549	1,359,280	1,189,485	837,607	127,928	103,465	59,406	35,908	429,272	368,900
25 to 44 years.....	2,283,059	1,564,774	1,443,297	931,310	169,275	129,619	133,434	101,620	519,967	387,871
45 to 64 years.....	1,016,938	723,989	632,834	427,889	70,917	35,466	96,022	80,640	299,554	173,380
65 years and over.....	246,477	160,983	146,523	86,022	8,847	5,052	34,246	23,709	55,073	44,979
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	14.1	14.7	15.2	15.7	13.2	15.0	1.7	1.1	13.0	14.3
5 to 14 years.....	24.7	26.6	25.5	27.4	24.5	27.7	7.9	6.8	25.5	27.4
15 to 24 years.....	20.6	20.8	20.6	20.8	21.1	21.6	14.5	13.6	21.6	21.8
25 to 44 years.....	26.0	24.0	25.0	23.1	28.0	27.1	38.3	38.5	26.2	22.9
45 to 64 years.....	11.6	11.1	11.0	10.6	11.7	7.4	27.5	30.5	10.6	10.2
65 years and over.....	2.8	2.5	2.5	2.1	1.5	1.1	9.8	9.0	2.8	2.7
MOUNTAIN.										
All ages, number.....	2,633,517	1,674,657	1,466,624	855,101	616,921	436,393	436,910	288,361	21,467	15,590
Under 5 years.....	305,804	293,676	297,466	122,351	81,530	69,999	4,226	1,526	1,350	981
5 to 14 years.....	513,074	358,276	327,827	204,824	143,799	124,566	19,668	10,733	2,648	2,010
15 to 24 years.....	505,551	301,135	286,255	154,449	135,298	92,277	64,381	37,016	3,718	3,258
25 to 44 years.....	853,011	539,451	420,567	244,051	187,832	122,401	207,779	144,024	9,718	6,731
45 to 64 years.....	368,028	216,386	179,465	101,365	61,935	24,444	110,164	75,959	3,350	2,083
65 years and over.....	78,517	45,820	39,295	21,534	6,050	2,409	28,183	18,093	548	282
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.6	12.2	14.1	14.3	13.2	16.0	1.0	0.5	6.3	6.3
5 to 14 years.....	19.5	21.4	22.3	24.0	23.3	28.5	4.5	3.7	12.3	12.9
15 to 24 years.....	19.2	18.0	19.5	18.1	21.9	21.1	14.7	12.8	17.3	20.9
25 to 44 years.....	32.4	32.2	28.7	28.5	30.4	28.0	47.6	49.9	45.3	43.2
45 to 64 years.....	14.0	12.9	12.2	11.9	10.0	5.6	25.2	26.3	15.6	13.4
65 years and over.....	3.0	2.7	2.7	2.5	1.0	0.6	6.5	6.3	2.6	1.8
PACIFIC.										
All ages, number.....	4,192,304	2,416,692	2,108,770	1,165,621	1,053,655	655,501	861,448	472,491	29,195	14,664
Under 5 years.....	362,626	220,321	224,118	126,713	122,805	86,310	5,778	1,486	1,878	1,087
5 to 14 years.....	655,316	453,544	387,258	249,377	222,119	180,298	31,230	12,989	3,537	2,493
15 to 24 years.....	783,037	432,915	405,727	218,637	235,228	147,674	112,538	46,711	5,125	2,583
25 to 44 years.....	1,474,057	797,075	664,547	340,758	337,056	189,099	399,541	217,144	12,703	5,524
45 to 64 years.....	710,399	387,470	320,197	165,255	119,531	44,013	237,587	149,133	4,822	2,245
65 years and over.....	189,089	108,002	96,852	54,145	16,074	7,510	71,565	42,148	909	553
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.6	9.1	10.6	10.9	11.7	13.2	0.7	0.3	6.4	7.4
5 to 14 years.....	15.6	18.8	18.4	21.4	21.1	27.5	3.6	2.7	12.1	17.0
15 to 24 years.....	18.7	17.9	19.2	18.8	22.3	22.5	13.1	9.9	17.6	17.6
25 to 44 years.....	35.2	33.0	31.5	29.2	32.0	28.8	46.4	46.0	43.5	37.7
45 to 64 years.....	16.9	16.0	15.2	14.2	11.3	6.7	27.6	31.6	16.5	15.3
65 years and over.....	4.5	4.5	4.6	4.6	1.5	1.1	8.3	8.9	3.1	3.8



## AGE DISTRIBUTION.

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## DISTRIBUTION BY AGE PERIODS OF THE POPULATION, BY STATES: 1910.

[Totals for all ages include persons of unknown age.]

Table 12

STATE AND CLASS OF POPULATION.	All ages.	AGE PERIODS.										
		Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.
NEW ENGLAND												
Maine.....	742,371	71,845	66,633	64,588	65,136	61,782	57,418	53,261	98,745	81,681	58,992	61,072
Native white—Native parentage.....	494,907	45,777	42,179	41,503	41,114	38,245	35,594	34,150	64,470	56,861	44,914	49,169
Native white—Foreign or mixed par.....	134,955	24,341	21,011	18,632	16,207	11,361	8,626	7,074	11,832	8,669	4,462	2,653
Foreign-born white.....	110,133	1,519	3,278	4,162	7,562	11,945	12,981	11,862	22,115	15,885	9,429	9,113
Negro.....	1,363	117	80	117	145	134	135	102	183	145	117	83
New Hampshire.....	430,572	39,581	36,873	36,271	37,906	36,853	33,675	31,794	60,135	48,483	34,269	34,070
Native white—Native parentage.....	230,231	19,109	17,539	17,744	17,438	16,319	15,380	15,337	30,909	28,881	23,991	26,916
Native white—Foreign or mixed par.....	103,117	19,307	16,826	15,179	12,931	8,980	6,406	5,517	9,076	5,494	2,373	984
Foreign-born white.....	96,558	1,122	2,460	3,304	7,480	11,499	11,812	10,684	20,038	14,014	7,868	6,131
Negro.....	564	40	44	40	53	45	66	45	86	78	28	36
Vermont.....	355,956	34,171	32,657	31,451	31,161	28,785	27,085	26,089	48,139	38,233	28,714	29,262
Native white—Native parentage.....	229,382	23,657	22,433	21,496	20,665	17,935	16,119	15,404	28,273	23,154	19,101	21,080
Native white—Foreign or mixed par.....	75,055	9,686	8,662	8,186	7,600	5,773	5,157	5,223	10,122	7,883	4,415	2,329
Foreign-born white.....	49,861	722	1,485	1,695	2,798	4,755	5,468	5,235	9,545	7,092	5,132	5,860
Negro.....	1,621	102	73	72	97	320	341	224	191	99	62	39
Massachusetts.....	3,386,416	328,886	294,846	284,960	296,561	325,382	313,069	280,781	500,349	352,763	210,369	175,015
Native white—Native parentage.....	1,103,429	108,005	94,675	93,355	92,113	90,678	84,992	78,290	143,446	122,514	96,040	97,594
Native white—Foreign or mixed par.....	1,170,447	208,865	175,196	159,342	138,856	105,751	82,994	71,987	119,426	72,936	26,129	8,605
Foreign-born white.....	1,051,050	8,457	21,999	29,249	62,540	124,802	140,045	126,126	229,986	152,894	86,155	67,545
Negro.....	38,055	3,448	2,889	2,905	2,870	3,831	4,624	3,913	6,623	3,793	1,875	1,199
Rhode Island.....	542,610	54,098	48,447	47,014	51,998	53,638	50,125	44,713	78,649	55,073	32,972	25,020
Native white—Native parentage.....	159,821	16,347	14,195	13,653	14,425	13,875	12,659	11,390	19,985	16,347	13,525	12,976
Native white—Foreign or mixed par.....	194,646	35,140	29,057	26,164	23,900	18,351	14,126	12,129	19,164	11,076	4,151	1,297
Foreign-born white.....	178,025	1,704	4,417	6,442	12,873	20,488	22,220	20,296	37,844	26,498	14,660	10,341
Negro.....	9,529	862	754	714	772	887	1,061	897	1,541	1,049	587	379
Connecticut.....	1,114,756	112,244	101,486	95,272	101,025	108,339	101,654	90,665	160,890	113,340	68,786	59,588
Native white—Native parentage.....	395,649	37,730	35,972	35,082	35,118	32,932	29,677	27,410	50,137	41,661	33,506	35,829
Native white—Foreign or mixed par.....	374,489	70,610	56,821	49,602	43,828	32,600	25,391	22,528	38,460	23,967	7,947	2,566
Foreign-born white.....	328,759	2,581	7,398	9,329	20,847	41,291	44,904	39,144	69,573	46,080	26,402	20,550
Negro.....	15,174	1,307	1,269	1,244	1,213	1,450	1,604	1,496	2,548	1,508	878	620
MIDDLE ATLANTIC												
New York.....	9,113,614	898,927	863,868	785,826	842,449	938,941	879,843	768,304	1,312,175	921,991	532,049	418,155
Native white—Native parentage.....	3,230,325	361,400	329,032	321,257	319,190	307,767	271,508	232,654	383,802	290,160	209,120	197,165
Native white—Foreign or mixed par.....	3,007,248	505,732	391,857	359,612	330,065	267,736	217,423	201,975	356,878	241,689	94,823	38,329
Foreign-born white.....	2,729,272	20,845	73,849	96,319	182,629	344,930	368,570	316,096	545,585	376,759	222,559	178,845
Negro.....	134,191	10,061	8,287	7,930	9,818	17,481	20,673	16,201	23,210	11,468	5,228	3,473
New Jersey.....	2,537,167	266,942	242,279	228,695	236,541	250,613	236,172	213,082	366,285	248,298	138,417	107,087
Native white—Native parentage.....	1,009,909	114,416	107,428	100,707	98,344	92,768	82,183	74,102	126,258	93,120	62,948	55,943
Native white—Foreign or mixed par.....	777,797	139,219	111,580	101,190	90,453	69,058	54,870	49,690	83,792	52,119	18,210	7,330
Foreign-born white.....	658,188	5,360	15,980	19,885	40,247	78,486	88,346	80,021	140,759	94,353	53,191	40,968
Negro.....	89,760	7,922	7,261	6,878	7,428	10,124	10,575	9,058	15,034	8,432	3,999	2,808
Pennsylvania.....	7,665,111	884,270	773,091	711,545	722,479	750,353	706,682	612,731	1,030,927	713,751	422,555	325,918
Native white—Native parentage.....	4,222,727	516,631	468,154	440,346	427,080	393,774	349,846	301,404	503,263	367,775	247,508	201,671
Native white—Foreign or mixed par.....	1,806,267	338,476	253,061	214,337	197,763	150,092	119,154	107,689	195,154	137,836	61,606	29,823
Foreign-born white.....	1,438,719	11,802	36,353	41,690	81,499	184,784	212,682	182,468	298,690	190,180	105,472	89,344
Negro.....	193,919	17,315	15,478	14,840	15,406	21,113	24,684	20,845	33,189	17,489	7,842	5,049
EAST NORTH CENTRAL												
Ohio.....	4,767,121	479,475	438,899	425,602	446,912	453,526	426,893	377,912	650,864	486,039	313,086	261,810
Native white—Native parentage.....	3,033,259	355,022	325,556	310,315	309,180	287,729	255,233	217,514	338,785	264,800	186,436	158,346
Native white—Foreign or mixed par.....	1,024,393	111,058	91,186	91,833	101,443	93,338	86,093	83,953	160,235	121,530	55,404	27,831
Foreign-born white.....	597,245	4,453	13,618	14,439	26,392	60,583	73,238	66,124	113,946	88,106	64,802	70,586
Negro.....	111,452	8,921	8,621	8,964	9,855	11,801	12,033	10,232	17,701	11,442	6,416	5,037
Indiana.....	2,700,876	275,524	264,947	255,568	259,149	251,288	229,494	198,186	354,468	276,935	182,336	149,474
Native white—Native parentage.....	2,130,088	243,438	231,980	220,593	217,257	200,394	175,641	146,057	253,621	195,954	134,413	108,061
Native white—Foreign or mixed par.....	350,551	26,309	25,286	27,334	31,228	30,816	30,158	30,738	62,840	50,868	23,343	11,440
Foreign-born white.....	159,322	985	2,741	2,608	5,150	13,579	17,023	15,818	28,536	23,881	21,130	27,460
Negro.....	60,320	4,763	4,907	4,984	5,452	6,444	6,610	5,517	9,362	6,136	3,424	2,498
Illinois.....	5,638,591	597,989	546,868	520,955	544,891	577,168	530,920	450,303	767,763	542,677	300,808	243,374
Native white—Native parentage.....	2,600,555	347,529	311,147	280,757	270,851	252,705	216,102	174,415	285,883	204,574	132,286	113,391
Native white—Foreign or mixed par.....	1,723,847	233,731	202,223	205,728	214,060	185,887	148,292	125,670	213,278	132,573	44,435	16,865
Foreign-born white.....	1,202,560	8,417	25,584	26,654	51,135	126,518	152,753	137,965	248,829	194,418	118,785	109,379
Negro.....	109,469	8,248	7,873	7,768	8,731	11,792	13,362	11,905	19,073	10,656	5,175	3,722
Michigan.....	2,810,173	298,554	275,367	258,480	266,830	264,680	240,313	210,982	361,137	287,157	186,707	156,519
Native white—Native parentage.....	1,224,841	164,742	140,202	122,465	117,366	108,394	94,216	80,463	134,253	107,095	80,059	73,130
Native white—Foreign or mixed par.....	964,882	127,010	121,806	120,812	125,658	103,445	81,537	66,246	106,107	68,509	29,177	14,173
Foreign-born white.....	595,324	4,586	11,135	13,097	21,641	50,476	62,199	62,264	117,146	108,832	75,809	67,758
Negro.....	17,115	1,285	1,273	1,276	1,378	1,712	1,821	1,550	2,731	1,928	1,168	938
Wisconsin.....	2,333,860	256,171	247,878	246,154	242,671	222,097	191,970	163,927	281,632	225,905	134,458	118,637
Native white—Native parentage.....	763,225	141,520	129,747	105,038	90,975	71,396	52,397	36,945	51,722	38,484	26,588	26,155
Native white—Foreign or mixed par.....	1,044,761	110,598	118,021	131,052	136,187	116,854	95,174	80,531	132,311	86,983	29,189	7,382
Foreign-born white.....	512,869	2,457	7,521	8,529	14,291	32,757	43,336	45,565	95,955	99,253	77,955	84,375
Negro.....	2,900	211	189	192	223	297	382	293	505	312	148	138
WEST NORTH												



## ABSTRACT OF THE CENSUS—POPULATION.

DISTRIBUTION BY AGE PERIODS OF THE POPULATION, BY STATES: 1910—Continued.

[Totals for all ages include persons of unknown age.]

Table 12—Continued.		All ages.	AGE PERIODS.										
			Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.
WEST NORTH CENTRAL—Contd.													
Missouri.....	3,293,335	360,503	338,232	324,191	334,073	319,770	286,284	247,044	427,038	308,907	189,543	150,253	
Native white—Native parentage.....	2,387,835	310,107	284,909	263,886	259,674	231,297	195,509	160,203	265,761	189,215	124,082	97,505	
Native white—Foreign or mixed par.....	518,201	36,795	36,450	42,829	52,029	53,991	51,797	50,740	94,897	64,610	24,085	9,618	
Foreign-born white.....	228,896	1,257	4,061	4,241	7,563	16,873	21,233	21,363	42,018	39,601	33,085	37,101	
Negro.....	157,452	12,299	12,768	13,190	14,765	17,527	17,652	14,647	24,148	15,283	8,212	6,014	
North Dakota.....	577,058	82,399	69,927	59,392	56,699	61,631	56,726	44,996	65,448	43,644	21,697	12,898	
Native white—Native parentage.....	162,461	31,110	22,929	17,170	15,175	16,477	15,128	11,365	15,195	9,379	4,815	2,721	
Native white—Foreign or mixed par.....	251,236	48,907	41,770	35,190	32,270	28,423	21,465	14,801	17,154	8,063	2,272	618	
Foreign-born white.....	156,158	1,397	4,310	6,166	8,508	16,175	19,604	18,393	32,378	25,584	14,151	9,224	
Negro.....	617	37	34	30	36	82	104	73	109	54	36	8	
South Dakota.....	583,888	73,489	66,933	60,021	58,642	62,994	54,885	43,212	65,763	49,177	28,111	19,288	
Native white—Native parentage.....	245,652	42,022	33,239	26,812	24,349	25,968	21,847	16,085	22,743	16,174	9,325	6,221	
Native white—Foreign or mixed par.....	217,491	28,229	29,722	29,083	28,909	27,136	21,325	15,666	20,143	11,907	3,979	1,238	
Foreign-born white.....	100,628	609	1,685	2,044	3,563	8,334	10,268	10,154	20,686	19,275	13,184	10,517	
Negro.....	817	60	60	62	61	98	110	84	148	81	28	25	
Nebraska.....	1,192,214	140,096	128,086	121,782	124,518	123,104	105,572	86,136	138,123	106,507	65,550	50,771	
Native white—Native parentage.....	642,075	96,668	79,982	69,690	66,875	63,294	53,141	41,959	65,019	48,918	31,481	23,648	
Native white—Foreign or mixed par.....	362,333	41,591	44,700	48,604	51,790	45,889	35,084	26,465	35,589	21,022	7,912	3,505	
Foreign-born white.....	175,865	883	2,485	2,614	4,830	12,585	15,777	16,406	35,622	35,485	25,610	23,228	
Negro.....	7,689	477	487	438	553	892	1,143	933	1,439	800	326	183	
Kansas.....	1,690,949	191,519	177,868	168,309	170,503	167,584	144,369	122,416	201,296	153,178	102,175	87,956	
Native white—Native parentage.....	1,207,057	157,156	140,009	127,737	124,481	117,596	98,713	82,156	132,588	99,288	67,812	56,328	
Native white—Foreign or mixed par.....	292,105	28,351	29,745	32,810	35,950	34,101	28,687	24,222	36,879	23,950	10,758	6,470	
Foreign-born white.....	135,190	1,087	2,439	2,458	4,018	9,892	11,505	11,634	24,374	24,557	20,382	22,132	
Negro.....	54,030	4,627	4,861	4,971	5,518	5,678	5,206	4,263	7,254	5,248	3,126	2,952	
SOUTH ATLANTIC													
Delaware.....	202,322	20,045	19,197	19,308	19,460	19,256	17,303	15,173	26,954	21,384	13,412	10,465	
Native white—Native parentage.....	127,809	13,038	12,450	12,577	12,536	11,815	10,516	9,176	15,966	13,257	9,110	7,200	
Native white—Foreign or mixed par.....	25,873	3,803	3,066	2,790	2,821	2,243	1,842	1,784	3,304	2,611	1,070	514	
Foreign-born white.....	17,420	115	365	399	873	2,054	2,357	1,977	3,517	2,605	1,595	1,510	
Negro.....	31,181	3,089	3,315	3,540	3,228	3,142	2,583	2,233	4,154	2,903	1,635	1,240	
Maryland.....	1,295,346	137,714	133,682	129,405	127,973	123,240	110,005	95,786	170,657	126,669	77,941	60,667	
Native white—Native parentage.....	766,627	90,049	85,863	82,671	80,063	73,488	63,469	54,402	91,107	66,333	43,616	34,720	
Native white—Foreign or mixed par.....	191,838	21,065	19,392	19,329	19,460	16,764	14,651	14,346	28,822	23,079	10,401	4,415	
Foreign-born white.....	104,174	610	2,613	2,997	5,027	9,362	10,817	10,417	20,494	16,327	12,430	12,952	
Negro.....	232,250	25,987	25,809	24,595	23,398	23,591	21,023	16,570	30,097	20,822	11,264	8,575	
District of Columbia.....	331,069	26,069	25,312	24,449	28,112	34,424	35,113	31,029	53,234	34,076	20,199	17,017	
Native white—Native parentage.....	166,711	15,476	14,328	13,478	15,018	17,060	16,605	14,803	24,268	15,715	10,247	9,128	
Native white—Foreign or mixed par.....	45,066	3,746	3,324	3,415	3,626	3,913	4,186	4,559	8,477	5,084	2,584	1,484	
Foreign-born white.....	24,351	139	457	525	820	2,073	2,699	2,655	5,109	3,479	2,850	3,439	
Negro.....	94,446	7,290	7,192	7,211	8,620	11,333	11,572	8,963	15,255	9,088	4,492	2,957	
Virginia.....	2,061,612	268,825	256,450	237,563	217,272	195,308	161,302	135,073	229,738	165,406	106,877	84,981	
Native white—Native parentage.....	1,325,238	176,965	163,215	149,393	137,127	122,789	102,976	89,106	146,677	106,038	72,477	57,083	
Native white—Foreign or mixed par.....	37,943	4,984	4,323	3,937	3,802	3,373	2,782	2,670	5,039	3,708	1,880	1,421	
Foreign-born white.....	26,628	232	757	778	1,215	2,587	3,163	2,889	5,517	3,843	2,614	2,944	
Negro.....	671,096	86,555	88,123	83,395	75,047	66,503	52,324	40,358	72,406	51,730	29,893	23,521	
West Virginia.....	1,221,119	169,118	148,179	131,627	125,145	121,514	107,325	88,338	139,788	90,793	55,756	42,192	
Native white—Native parentage.....	1,042,107	151,585	134,338	119,445	110,029	99,617	84,900	70,353	112,001	74,614	47,716	36,207	
Native white—Foreign or mixed par.....	57,638	9,816	5,874	4,663	4,481	4,189	4,325	4,333	8,547	6,586	3,075	1,706	
Foreign-born white.....	57,072	739	1,087	1,490	4,030	8,803	9,818	7,883	10,720	5,392	3,074	3,019	
Negro.....	64,173	6,974	6,274	5,424	6,575	8,891	8,265	5,754	8,484	4,187	1,886	1,257	
North Carolina.....	2,206,287	332,792	294,900	265,964	242,678	209,575	167,661	133,478	208,910	160,313	108,660	77,688	
Native white—Native parentage.....	1,485,718	222,869	192,444	174,395	160,398	138,037	113,527	93,627	144,243	111,774	78,176	55,002	
Native white—Foreign or mixed par.....	8,851	1,159	1,034	990	914	732	629	588	1,164	763	484	385	
Foreign-born white.....	5,942	60	148	202	275	573	646	644	1,279	946	579	575	
Negro.....	697,843	107,297	100,151	89,416	80,253	69,485	52,293	38,240	61,526	46,260	29,083	21,428	
South Carolina.....	1,515,460	228,459	208,780	192,406	172,674	151,470	118,317	91,750	145,002	95,257	64,822	44,092	
Native white—Native parentage.....	661,970	98,624	84,620	76,880	72,236	64,666	53,479	44,052	66,149	46,608	33,036	20,959	
Native white—Foreign or mixed par.....	11,137	1,015	939	999	1,032	982	923	872	1,783	1,411	721	438	
Foreign-born white.....	6,054	46	97	145	251	485	637	605	1,221	925	771	558	
Negro.....	835,843	128,712	123,067	114,341	99,118	85,305	63,247	46,194	75,811	46,216	30,280	21,817	
Georgia.....	2,609,121	376,641	347,369	315,217	280,383	260,140	214,250	169,314	261,876	182,090	116,968	80,729	
Native white—Native parentage.....	1,391,058	206,419	181,409	160,352	147,305	132,813	111,945	94,109	139,556	99,724	69,638	46,360	
Native white—Foreign or mixed par.....	25,672	2,607	2,325	2,427	2,476	2,487	2,206	2,110	3,866	2,819	1,458	867	
Foreign-born white.....	15,072	91	325	393	665	1,519	1,801	1,606	3,128	2,362	1,612	1,535	
Negro.....	1,176,987	167,498	163,294	152,029	129,923	123,295	98,274	71,459	115,255	77,110	44,235	31,959	
Florida.....	752,619	94,956	90,941	80,319	76,095	78,598	69,177	56,005	89,637	56,831	33,116	21,797	
Native white—Native parentage.....	373,967	52,787	46,802	41,398	38,853	36,164	30,552	26,265	40,630	28,170	19,008	12,308	
Native white—Foreign or mixed par.....	35,825	6,491	5,109	4,292	3,987	3,165	2,400	2,032	3,632	2,482	1,356	842	
Foreign-born white.....	33,842	543	1,144	1,330	2,350	3,917	4,109	3,583	6,911	4,751	2,852	2,257	
Negro.....	308,669	37,114	37,811	33,288	30,891	35,331	32,084	24,089	38,386	21,360	9,885	6,386	
EAST SOUTH CENTRAL													
Kentucky.....	2,289,965	294,503	272,758	252,905	241,622	215,210	181,948	155,036	266,143	192,435	120,124	94,124,	



## AGE DISTRIBUTION.

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## DISTRIBUTION BY AGE PERIODS OF THE POPULATION, BY STATES: 1910—Continued.

[Totals for all ages include persons of unknown age.]

Table 12—Continued.		AGE PERIODS.											
STATE AND CLASS OF POPULATION.		All ages.	Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.
EAST SOUTH CENTRAL—Contd.													
Alabama		2,138,093	311,716	284,802	253,196	229,517	211,405	177,557	136,889	209,532	159,614	94,409	65,363
Native white—Native parentage		1,177,459	183,253	158,514	136,874	126,039	113,226	94,500	76,628	111,065	84,461	55,787	35,853
Native white—Foreign or mixed par.		32,417	4,127	3,703	3,504	3,435	2,786	2,496	2,320	4,310	3,252	1,537	919
Foreign-born white		18,956	151	514	578	806	1,626	2,139	2,041	3,628	3,420	2,224	1,793
Negro		908,282	123,991	121,935	112,129	99,130	93,670	78,334	55,845	90,450	68,415	34,834	26,770
Mississippi		1,797,114	259,661	244,273	219,914	196,241	176,469	148,983	117,631	182,697	115,235	77,428	54,338
Native white—Native parentage		757,233	115,725	102,200	89,677	81,418	71,664	60,404	50,498	74,618	50,440	36,244	23,213
Native white—Foreign or mixed par.		19,489	1,956	1,665	1,685	1,717	1,693	1,653	1,655	3,113	2,315	1,316	661
Foreign-born white		9,389	33	280	366	441	759	859	884	1,802	1,403	1,212	1,230
Negro		1,009,487	141,691	139,945	128,019	112,527	102,222	85,954	64,490	102,887	60,962	38,567	29,053
WEST SOUTH CENTRAL													
Arkansas		1,574,449	230,701	209,661	179,879	173,888	151,760	129,133	104,721	169,994	116,729	69,735	44,898
Native white—Native parentage		1,077,509	169,391	146,929	122,986	118,910	100,954	85,118	70,488	106,404	75,024	49,298	30,801
Native white—Foreign or mixed par.		36,608	3,800	3,768	3,769	4,015	3,538	3,109	2,793	5,087	3,795	1,845	1,072
Foreign-born white		16,909	107	348	388	593	1,008	1,376	1,688	3,366	3,438	2,886	2,182
Negro		442,891	57,330	58,552	52,679	50,309	46,220	39,488	29,729	46,066	34,411	16,188	10,827
Louisiana		1,656,388	224,069	218,743	193,791	175,227	164,915	141,905	113,662	184,442	115,190	69,725	49,723
Native white—Native parentage		776,587	119,812	111,077	97,023	86,829	77,362	63,928	51,258	74,426	45,704	28,815	17,808
Native white—Foreign or mixed par.		112,717	11,353	10,416	9,115	9,107	9,001	9,258	9,903	20,576	14,833	6,445	2,605
Foreign-born white		51,782	326	1,123	1,597	2,315	4,335	4,918	4,913	9,748	8,219	6,789	7,391
Negro		713,874	92,439	95,985	85,917	76,808	74,119	63,677	47,489	79,455	46,232	27,581	21,886
Oklahoma		1,657,155	241,904	217,775	186,069	174,402	159,009	139,209	116,018	185,400	122,694	70,513	41,045
Native white—Native parentage		1,310,403	199,142	176,349	148,985	139,613	125,836	108,971	90,493	142,589	92,236	53,861	30,215
Native white—Foreign or mixed par.		94,044	10,201	10,565	10,492	10,237	9,141	8,282	7,526	12,760	8,926	3,920	1,937
Foreign-born white		40,084	280	740	866	1,353	3,058	4,076	4,161	8,849	7,722	4,930	3,900
Negro		137,612	18,186	18,269	16,208	14,974	14,344	12,601	9,662	14,744	9,688	5,042	3,303
Texas		3,896,542	538,984	508,654	454,792	423,270	390,078	329,776	268,948	408,851	280,369	171,983	110,801
Native white—Native parentage		2,602,950	389,293	353,946	310,648	285,709	254,272	213,634	176,838	259,150	174,705	113,191	67,699
Native white—Foreign or mixed par.		301,914	54,322	51,510	48,426	44,709	38,180	30,010	24,296	35,675	22,378	8,775	3,233
Foreign-born white		239,984	5,196	10,208	12,165	15,412	22,332	24,222	22,443	43,674	36,962	25,576	20,773
Negro		690,049	90,057	92,903	85,461	77,329	75,109	61,727	45,249	70,080	46,087	24,325	19,067
MOUNTAIN													
Montana		376,053	38,323	34,179	29,686	29,864	43,147	44,264	36,701	56,109	36,149	15,675	9,085
Native white—Native parentage		162,127	20,167	17,192	14,191	13,696	18,433	18,111	14,457	20,971	13,247	6,291	3,999
Native white—Foreign or mixed par.		106,809	15,841	14,067	12,755	11,829	11,974	10,056	8,087	11,946	7,047	2,273	846
Foreign-born white		91,644	746	1,442	1,432	3,162	11,399	14,700	12,858	20,963	14,188	5,941	3,536
Negro		1,834	105	96	95	104	179	238	218	389	216	125	47
Idaho		325,594	40,444	36,132	31,902	30,270	31,997	31,055	27,097	42,866	29,290	14,586	8,940
Native white—Native parentage		203,599	31,561	26,624	22,323	20,084	19,320	17,666	15,053	22,449	15,058	7,918	4,737
Native white—Foreign or mixed par.		75,195	8,149	8,535	8,685	8,528	8,149	7,575	6,487	10,317	6,056	1,909	745
Foreign-born white		40,427	253	555	582	1,273	3,975	5,049	4,804	9,109	7,399	4,241	2,997
Negro		651	40	33	19	33	78	99	78	133	78	36	22
Wyoming		145,965	15,331	13,049	10,829	11,488	19,373	19,533	15,023	20,606	12,068	5,546	2,796
Native white—Native parentage		80,696	10,218	8,445	6,942	6,972	10,341	9,826	7,466	10,050	5,882	2,920	1,469
Native white—Foreign or mixed par.		32,504	4,585	3,796	3,210	3,249	4,113	3,561	2,800	4,030	2,173	714	291
Foreign-born white		27,118	206	531	443	1,016	4,009	5,018	3,934	5,636	3,002	1,718	948
Negro		2,235	109	102	56	97	428	488	401	331	137	46	26
Colorado		799,024	82,562	75,616	69,688	71,045	79,050	78,885	69,313	116,508	83,259	44,022	26,727
Native white—Native parentage		475,136	56,192	49,888	45,023	45,013	47,056	44,915	38,494	62,286	43,758	24,742	16,016
Native white—Foreign or mixed par.		181,428	24,431	21,912	20,385	20,401	18,306	15,957	13,726	22,749	15,016	5,988	2,438
Foreign-born white		126,851	978	2,847	3,251	4,521	12,035	15,821	15,220	28,559	22,811	12,581	7,891
Negro		11,453	708	755	807	832	1,101	1,384	1,263	2,279	1,380	553	306
New Mexico		327,301	45,285	41,026	34,408	32,457	30,931	27,923	22,993	39,115	26,912	16,071	9,686
Native white—Native parentage		255,609	37,019	33,385	28,190	26,272	24,176	21,060	16,984	28,833	20,074	12,272	6,950
Native white—Foreign or mixed par.		26,331	4,241	3,482	2,951	2,724	2,397	2,084	1,871	3,243	2,042	899	408
Foreign-born white		22,654	494	925	837	1,288	2,595	3,054	2,632	4,423	3,152	1,883	1,327
Negro		1,628	150	134	106	123	152	206	196	272	146	80	58
Arizona		204,354	24,778	21,917	18,691	17,389	20,756	21,975	18,446	28,327	17,195	9,049	5,794
Native white—Native parentage		82,468	11,130	9,355	7,584	6,876	8,226	8,729	7,375	10,666	6,610	3,526	2,073
Native white—Foreign or mixed par.		42,176	7,986	6,054	4,783	4,355	4,055	3,644	3,069	4,494	2,482	918	381
Foreign-born white		46,824	1,056	2,044	2,073	2,778	5,994	7,238	5,968	9,426	5,474	2,913	1,763
Negro		2,009	156	162	130	136	192	251	209	420	211	90	44
Utah		373,351	52,698	45,875	40,070	37,464	37,019	33,765	27,416	41,394	28,419	15,563	12,369
Native white—Native parentage		171,663	37,324	29,774	22,956	18,587	15,570	12,191	8,564	11,262	7,662	4,156	2,907
Native white—Foreign or mixed par.		131,527	14,401	14,515	15,441	16,289	15,283	13,921	11,706	17,718	9,261	2,263	621
Foreign-born white		63,393	425	1,128	1,305	2,169	5,393	6,689	6,227	11,323	10,950	8,852	8,554
Negro		1,144	56	62	55	70	117	156	184	245	109	51	25
Nevada		61,875	6,383	5,670	4,934	5,263	8,038	9,606	9,280	14,831	9,240	4,984	3,120
Native white—Native parentage		35,326	3,855	3,315	2,640	2,451	3,182	3,754	3,063	5,742	3,534	1,815	1,144
Native white—Foreign or mixed par.		20,951	1,896	1,652	1,606	1,585	2,061	2,473	2,491	3,917	2,137	787	533
Foreign-born white		17,999	68	144	129	665	2,109	2,643	2,460	4,025	2,694	1,765	1,164
Negro		513	26	18	18	15	41	63	80	135	64	28	20
PACIFIC													
Washington		1,141,990	108,756	99,678	92,802	99,647	122,056	126,674	106,963	167,435	117,405	57,805	34,573
Native white—Native parentage		585,386	66,713	58,957	53,068	54,227	61,231	60,026	50,064	76,574	52,487	28,171	18,910
Native white—Foreign or mixed par.		282,528	37,796	34,429	33,243	35,244	39,062	36,787	21,471	32,313	20,005	7,365	3,168
Foreign-born white		241,197	1,826	4,443	4,937	8,302	25,493	34,402	31,160	53,328	41,985	20,900	13,479
Negro		6,058	289	252	274	325	642	953	886	1,330	675	211	111
Oregon		672,765	60,211	56,923	55,776	60,749	70,428	69,730	59,283	97,451	72,394	39,362	28,150
Native white—Native parentage		416,851	44,584	40,775	38,263	39,423	42,849	40,821	34,561	55,124	39,356	22,742	17,170
Native white—Foreign or mixed par.		135,238	14,083	13,791	15,048	16,649	15,706	13,632	11,136	17,291	10,974	4,321	2,328
Foreign-born white		103,001	658	1,584	1,631	3,721	10,349	13,477	12,063	21,938	18,272	10,962	7,929
Negro		1,492	70	63	54	67	156	202	212	371	181	71	37
California		2,377,549	193,659	176,192	173,945	196,034	234,121	246,426	225,610	375,105	266,171	156,662	128,265
Native white—Native parentage		1,106,533	112,821	100,262	95,933	100,301	107,693	104,142	92,064	151,171	109,346	68,005	60,777
Native white—Foreign or mixed par.		635,889	70,										



## ABSTRACT OF THE CENSUS—POPULATION.

PER CENT DISTRIBUTION BY AGE PERIODS, BY DIVISIONS AND STATES: 1910.

[Percentages based on total population, which includes a small number of persons of unknown age.]

Table 13 DIVISION AND STATE.	PER CENT OF TOTAL POPULATION.											PER CENT—CONDENSED AGE GROUPING.					
	Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.	Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.
<b>United States.....</b>	<b>11.6</b>	<b>10.6</b>	<b>9.9</b>	<b>9.9</b>	<b>9.8</b>	<b>8.9</b>	<b>7.6</b>	<b>12.7</b>	<b>9.1</b>	<b>5.5</b>	<b>4.3</b>	<b>11.6</b>	<b>20.5</b>	<b>19.7</b>	<b>29.1</b>	<b>14.6</b>	<b>4.3</b>
<b>GEOGRAPHIC DIVISIONS:</b>																	
New England.....	9.8	8.9	8.5	8.9	9.4	8.9	8.0	14.5	10.5	6.6	5.9	9.8	17.4	18.3	31.4	17.1	5.9
Middle Atlantic.....	10.6	9.4	8.9	9.3	10.0	9.4	8.3	14.0	9.8	5.7	4.4	10.6	18.4	19.4	31.7	15.4	4.4
East North Central.....	10.5	9.7	9.4	9.6	9.7	8.9	7.7	13.2	10.0	6.1	5.1	10.5	19.1	19.3	29.8	16.1	5.1
West North Central.....	11.3	10.6	10.1	10.2	10.0	8.8	7.4	12.3	9.2	5.6	4.6	11.3	20.6	20.2	28.4	14.8	4.6
South Atlantic.....	13.6	12.5	11.4	10.6	9.8	8.2	6.7	10.9	7.6	4.9	3.6	13.6	24.0	20.4	25.8	12.6	3.6
East South Central.....	13.8	12.7	11.5	10.8	9.7	8.2	6.6	10.6	7.6	4.8	3.5	13.8	24.3	20.4	25.4	12.4	3.5
West South Central.....	14.1	13.1	11.6	10.8	9.9	8.4	6.9	10.7	7.2	4.3	2.8	14.1	24.7	20.6	26.0	11.6	2.8
Mountain.....	11.6	10.4	9.1	8.9	10.3	10.1	8.6	13.7	9.2	4.8	3.0	11.6	19.5	19.2	32.4	14.0	3.0
Pacific.....	8.6	7.9	7.7	8.5	10.2	10.5	9.3	15.3	10.9	6.1	4.5	8.6	15.6	18.7	35.2	16.9	4.5
<b>NEW ENGLAND:</b>																	
Maine.....	9.7	9.0	8.7	8.8	8.3	7.7	7.2	13.3	11.0	7.9	8.2	9.7	17.7	17.1	28.2	18.9	8.2
New Hampshire.....	9.2	8.6	8.4	8.8	8.6	7.8	7.4	14.0	11.3	8.0	7.9	9.2	17.0	17.4	29.2	19.2	7.9
Vermont.....	9.6	9.2	8.8	8.8	8.1	7.6	7.3	13.5	10.7	8.1	8.2	9.6	18.0	16.8	28.5	18.8	8.2
Massachusetts.....	9.8	8.8	8.5	8.8	9.7	9.3	8.3	14.9	10.5	6.2	5.2	9.8	17.2	18.5	32.5	16.7	5.2
Rhode Island.....	10.0	8.9	8.7	9.6	9.9	9.2	8.2	14.5	10.1	6.1	4.6	10.0	17.6	19.5	32.0	16.2	4.6
Connecticut.....	10.1	9.1	8.5	9.1	9.7	9.1	8.1	14.4	10.2	6.2	5.3	10.1	17.7	18.8	31.7	16.3	5.3
<b>MIDDLE ATLANTIC:</b>																	
New York.....	9.9	8.8	8.6	9.2	10.3	9.7	8.4	14.4	10.1	5.8	4.6	9.9	17.4	19.5	32.5	16.0	4.6
New Jersey.....	10.5	9.5	9.0	9.3	9.9	9.3	8.4	14.4	9.8	5.5	4.2	10.5	18.6	19.2	32.1	15.2	4.2
Pennsylvania.....	11.5	10.1	9.3	9.4	9.8	9.2	8.0	13.4	9.3	5.5	4.3	11.5	19.4	19.2	30.7	14.8	4.3
<b>EAST NORTH CENTRAL:</b>																	
Ohio.....	10.1	9.2	8.9	9.4	9.5	9.0	7.9	13.7	10.2	6.6	5.5	10.1	18.1	18.9	30.5	16.8	5.5
Indiana.....	10.2	9.8	9.5	9.6	9.3	8.5	7.3	13.1	10.3	6.8	5.5	10.2	19.3	18.9	29.0	17.0	5.5
Illinois.....	10.6	9.7	9.2	9.7	10.2	9.4	8.0	13.6	9.6	5.3	4.3	10.6	18.9	19.9	31.0	15.0	4.3
Michigan.....	10.6	9.8	9.2	9.5	9.4	8.6	7.5	12.9	10.2	6.6	5.6	10.6	19.0	18.9	28.9	16.9	5.6
Wisconsin.....	11.0	10.6	10.5	10.4	9.5	8.2	7.0	12.1	9.7	5.8	5.1	11.0	21.2	19.9	27.3	15.4	5.1
<b>WEST NORTH CENTRAL:</b>																	
Minnesota.....	10.9	10.6	10.3	10.4	10.4	9.0	7.4	12.2	9.3	5.0	4.1	10.9	20.9	20.8	28.6	14.3	4.1
Iowa.....	10.6	10.3	10.0	10.1	9.5	8.3	7.2	12.4	9.7	6.1	5.6	10.6	20.3	19.6	27.9	15.8	5.6
Missouri.....	10.9	10.3	9.8	10.1	9.7	8.7	7.5	13.0	9.4	5.8	4.6	10.9	20.1	19.9	29.2	15.1	4.6
North Dakota.....	14.3	12.1	10.3	9.8	10.7	9.8	7.8	11.3	7.6	3.8	2.2	14.3	22.4	20.5	29.0	11.3	2.2
South Dakota.....	12.6	11.5	10.3	10.0	10.8	9.4	7.4	11.3	8.4	4.8	3.3	12.6	21.7	20.8	28.1	13.2	3.3
Nebraska.....	11.8	10.7	10.2	10.4	10.3	8.9	7.2	11.6	8.9	5.5	4.3	11.8	21.0	20.8	27.7	14.4	4.3
Kansas.....	11.3	10.5	10.0	10.1	9.9	8.5	7.2	11.9	9.1	6.0	5.2	11.3	20.5	20.0	27.7	15.1	5.2
<b>SOUTH ATLANTIC:</b>																	
Delaware.....	9.9	9.5	9.5	9.6	9.5	8.6	7.5	13.3	10.6	6.6	5.2	9.9	19.0	19.1	29.4	17.2	5.2
Maryland.....	10.6	10.3	10.0	9.9	9.5	8.5	7.4	13.2	9.8	6.0	4.7	10.6	20.3	19.4	29.1	15.8	4.7
District of Columbia.....	8.1	7.6	7.4	8.5	10.4	10.6	9.4	16.1	10.3	6.1	5.1	8.1	15.1	18.9	36.1	16.4	5.1
Virginia.....	13.0	12.4	11.5	10.5	9.5	7.8	6.6	11.1	8.0	5.2	4.1	13.0	24.0	20.0	25.5	13.2	4.1
West Virginia.....	13.8	12.1	10.7	10.2	10.0	8.8	7.2	11.4	7.4	4.6	3.5	13.8	22.9	20.2	27.5	12.0	3.5
North Carolina.....	15.1	13.4	12.1	11.0	9.5	7.6	6.0	9.5	7.3	4.9	3.5	15.1	25.4	20.5	23.1	12.2	3.5
South Carolina.....	15.1	13.8	12.7	11.4	10.0	7.8	6.1	9.6	6.3	4.3	2.9	15.1	26.5	21.4	23.4	10.6	2.9
Georgia.....	14.4	13.3	12.1	10.7	10.0	8.2	6.5	10.0	7.0	4.5	3.1	14.4	25.4	20.7	24.7	11.5	3.1
Florida.....	12.9	12.1	10.7	10.1	10.4	9.2	7.4	11.9	7.6	4.4	2.9	12.9	22.8	20.6	28.5	12.0	2.9
<b>EAST SOUTH CENTRAL:</b>																	
Kentucky.....	12.9	11.9	11.0	10.6	9.4	7.9	6.8	11.6	8.4	5.2	4.1	12.9	23.0	19.9	26.3	13.6	4.1
Tennessee.....	13.5	12.3	11.1	10.9	9.7	8.1	6.7	10.8	7.9	5.1	3.8	13.5	23.5	20.5	25.5	13.0	3.8
Alabama.....	14.6	13.3	11.8	10.7	9.9	8.3	6.4	9.8	7.5	4.4	3.1	14.6	25.2	20.6	24.5	11.9	3.1
Mississippi.....	14.4	13.6	12.2	10.9	9.8	8.3	6.5	10.2	6.4	4.3	3.0	14.4	25.8	20.7	25.0	10.7	3.0
<b>WEST SOUTH CENTRAL:</b>																	
Arkansas.....	14.7	13.3	11.4	11.0	9.6	8.2	6.7	10.2	7.4	4.4	2.9	14.7	24.7	20.7	25.1	11.8	2.9
Louisiana.....	13.5	13.2	11.7	10.6	10.0	8.6	6.9	11.1	7.0	4.2	3.0	13.5	24.9	20.5	26.6	11.2	3.0
Oklahoma.....	14.6	13.1	11.2	10.5	9.6	8.4	7.0	11.2	7.4	4.3	2.5	14.6	24.4	20.1	26.6	11.7	2.5
Texas.....	13.8	13.1	11.7	10.9	10.0	8.5	6.9	10.5	7.2	4.4	2.8	13.8	24.8	20.9	25.9	11.6	2.8
<b>MOUNTAIN:</b>																	
Montana.....	10.2	9.1	7.9	7.9	11.5	11.8	9.8	14.9	9.6	4.2	2.4	10.2	17.0	19.4	36.5	13.8	2.4
Idaho.....	12.4	11.1	9.8	9.3	9.8	9.5	8.3	13.2	9.0	4.5	2.7	12.4	20.9	19.1	31.0	13.5	2.7
Wyoming.....	10.5	8.9	7.4	7.9	13.3	13.4	10.3	14.1	8.3	3.8	1.9	10.5	16.4	21.1	37.8	12.1	1.9
Colorado.....	10.3	9.5	8.7	8.9	9.9	9.9	8.7	14.6	10.4	5.5	3.3	10.3	18.2	18.8	33.1	15.9	3.3
New Mexico.....	13.8	12.5	10.5	9.9	9.5	8.5	7.0	12.0	8.2	4.9	3.0	13.8	23.0	19.4	27.5	13.1	3.0
Arizona.....	12.1	10.7	8.9	8.5	10.2	10.8	9.0	13.9	8.4	4.4	2.8	12.1	19.6	18.7	33.6	12.8	2.8
Utah.....	14.1	12.3	10.7	10.0	9.9	9.0	7.3	11.1	7.6	4.2	3.3	14.1	23.0	19.9	27.5	11.8	3.3
Nevada.....	7.8	6.9	6.0	6.4	9.8	11.7	11.3	18.1	11.3	6.1	3.8	7.8	13.0	16.2	41.2	17.4	3.8
<b>PACIFIC:</b>																	
Washington.....	9.5	8.7	8.1	8.7	10.7	11.0	9.4	14.7	10.3	5.1	3.2	9.5	16.9	19.4	35.1	15.3	3.2
Oregon.....	8.9	8.5	8.3	9.0	10.5	10.4	8.8	14.5	10.8	5.9	4.2	8.9	16.8	19.5	33.7	16.7	4.2
California.....	8.1	7.4	7.3	8.2	9.8	10.4	9.5	15.8	11.2	6.6	5.3	8.1	14.7	18.1	35.6	17.8	5.3



# AGE DISTRIBUTION.

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DISTRIBUTION BY AGE PERIODS OF THE URBAN AND RURAL POPULATION FOR THE UNITED STATES AND GEOGRAPHIC DIVISIONS: 1910.

[Totals for all ages include persons of unknown age.]

Table 14	URBAN POPULATION.					RURAL POPULATION.				
DIVISION AND AGE PERIOD.	All classes.	Native white.		Foreign-born white.	Negro.	All classes.	Native white.		Foreign-born white.	Negro.
		Native parentage.	Foreign or mixed parentage.				Native parentage.	Foreign or mixed parentage.		
UNITED STATES										
All ages, number.....	42,623,383	17,849,644	12,346,900	9,635,369	2,639,229	49,348,883	31,638,931	6,550,937	3,710,176	7,138,534
Under 5 years.....	4,200,291	2,044,886	1,846,699	75,372	229,080	6,431,073	4,501,396	827,426	27,135	1,034,208
5 to 14 years.....	7,401,325	3,486,880	2,950,392	503,771	454,219	11,466,447	7,698,418	1,601,052	153,068	1,947,600
15 to 24 years.....	8,573,829	3,659,032	2,673,889	1,644,462	578,299	9,546,758	6,112,945	1,404,794	459,680	1,512,912
25 to 44 years.....	14,168,853	5,330,933	3,415,057	4,390,378	985,374	12,641,022	7,615,488	1,795,052	1,489,601	1,652,804
45 to 64 years.....	6,487,894	2,495,622	1,318,912	2,299,020	351,259	6,936,225	4,244,378	798,474	1,093,498	756,844
65 years and over.....	1,695,010	771,790	135,454	706,918	77,435	2,256,514	1,429,278	120,132	476,431	216,689
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.9	11.5	15.0	0.8	8.5	13.0	14.2	12.6	0.7	14.5
5 to 14 years.....	17.4	19.5	23.9	5.2	16.9	23.2	24.3	24.4	4.1	27.3
15 to 24 years.....	20.1	20.5	21.7	17.1	21.5	19.3	19.3	21.4	12.4	21.2
25 to 44 years.....	33.2	29.9	27.7	45.6	36.6	25.6	24.1	27.4	40.1	23.2
45 to 64 years.....	15.2	14.0	10.7	23.9	13.1	14.1	13.4	12.2	29.5	10.6
65 years and over.....	4.0	4.3	1.1	7.3	2.9	4.6	4.5	1.8	12.8	3.0
NEW ENGLAND.										
All ages, number.....	5,455,345	1,847,484	1,865,893	1,676,590	60,877	1,097,336	765,935	186,816	137,796	5,429
Under 5 years.....	538,000	180,154	337,637	14,809	5,261	102,825	70,471	30,312	1,296	615
5 to 14 years.....	947,287	316,556	532,659	88,655	9,190	193,211	133,360	52,019	6,563	1,011
15 to 24 years.....	1,025,549	314,402	391,775	308,010	10,775	173,017	116,455	34,363	20,870	1,042
25 to 44 years.....	1,759,621	520,729	432,411	780,111	24,044	297,615	193,093	42,827	59,707	1,636
45 to 64 years.....	901,122	356,745	156,587	377,263	9,412	222,553	163,750	22,915	34,846	807
65 years and over.....	277,455	155,660	14,132	105,522	2,050	106,572	87,854	4,302	14,018	306
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.9	9.8	18.1	0.9	8.6	9.4	9.2	16.2	0.9	11.3
5 to 14 years.....	17.4	17.1	28.5	5.3	15.1	17.6	17.4	27.8	4.8	18.6
15 to 24 years.....	18.8	17.0	21.0	18.4	17.7	15.8	15.2	18.4	15.1	19.2
25 to 44 years.....	32.3	28.2	23.2	46.5	39.5	27.1	25.2	22.9	43.3	30.1
45 to 64 years.....	16.5	19.3	8.4	22.5	15.5	20.3	21.4	12.3	25.3	14.9
65 years and over.....	5.1	8.4	0.8	6.3	3.4	9.7	11.5	2.3	10.2	5.6
MIDDLE ATLANTIC.										
All ages, number.....	13,723,373	4,718,463	4,605,981	4,049,477	339,246	5,592,519	3,744,498	985,331	776,702	78,624
Under 5 years.....	1,436,005	566,112	810,970	31,338	27,264	614,134	426,335	172,477	6,669	7,934
5 to 14 years.....	2,448,930	970,633	1,186,653	245,494	45,802	1,096,394	796,291	245,184	38,582	14,872
15 to 24 years.....	2,754,229	969,188	938,009	780,752	65,142	987,147	669,765	167,158	131,823	16,228
25 to 44 years.....	4,553,112	1,371,234	1,154,585	1,873,500	147,962	1,573,089	963,786	232,040	360,017	25,507
45 to 64 years.....	2,020,374	635,530	465,049	873,303	43,898	956,687	635,101	141,234	168,851	10,560
65 years and over.....	492,371	195,091	48,770	240,431	7,996	358,789	259,688	26,712	68,756	3,334
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.5	12.0	17.6	0.8	8.1	11.0	11.4	17.5	0.9	10.1
5 to 14 years.....	17.8	20.6	25.8	6.1	13.5	19.6	21.3	24.9	5.0	18.9
15 to 24 years.....	20.1	20.5	20.4	19.3	19.2	17.7	17.9	17.0	17.0	20.6
25 to 44 years.....	33.2	29.1	25.1	46.3	43.6	28.1	25.5	23.5	46.4	32.4
45 to 64 years.....	14.7	13.5	10.1	21.6	12.9	17.1	17.0	14.3	21.7	13.4
65 years and over.....	3.6	4.1	1.1	5.9	2.4	6.4	6.9	2.7	8.9	4.2
EAST NORTH CENTRAL.										
All ages, number.....	9,617,271	4,014,669	3,177,692	2,189,291	230,542	8,633,350	5,737,299	1,930,742	877,929	70,294
Under 5 years.....	944,123	490,769	420,255	16,672	16,230	963,590	761,482	188,451	4,226	7,198
5 to 14 years.....	1,651,950	804,660	717,648	97,773	31,493	1,828,768	1,364,200	417,653	28,053	14,554
15 to 24 years.....	1,947,443	836,424	737,474	328,309	44,399	1,581,769	1,080,823	401,442	74,213	13,286
25 to 44 years.....	3,170,697	1,173,973	920,612	979,546	94,019	2,265,957	1,359,274	582,551	301,151	19,088
45 to 64 years.....	1,487,934	533,870	346,557	570,994	35,406	1,448,174	836,819	295,454	301,977	11,399
65 years and over.....	394,406	160,117	33,544	192,888	7,785	535,408	318,966	44,147	166,670	4,548
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.8	12.2	13.2	0.8	7.0	11.2	13.3	9.8	0.5	10.2
5 to 14 years.....	17.2	20.0	22.6	4.5	13.7	21.2	23.8	21.6	3.2	20.7
15 to 24 years.....	20.2	20.8	23.2	15.0	19.3	18.3	19.0	20.8	8.5	18.9
25 to 44 years.....	33.0	29.2	29.0	44.7	40.8	26.2	23.7	30.2	34.3	27.2
45 to 64 years.....	15.5	13.3	10.9	26.1	15.4	16.8	14.6	15.3	34.4	16.2
65 years and over.....	4.1	4.0	1.1	8.8	3.4	6.2	5.6	2.3	19.0	6.5
WEST NORTH CENTRAL.										
All ages, number.....	3,873,716	1,984,327	1,090,669	631,696	164,301	7,764,205	4,539,360	2,124,634	981,535	78,361
Under 5 years.....	347,875	226,198	106,671	3,842	11,017	963,034	691,030	253,607	4,741	8,110
5 to 14 years.....	640,260	386,013	207,877	22,767	23,235	1,760,115	1,144,790	557,361	31,417	16,940
15 to 24 years.....	813,681	431,267	266,409	81,893	33,118	1,534,069	891,049	324,177	95,618	16,059
25 to 44 years.....	1,285,047	586,908	363,362	268,157	65,410	2,018,021	1,051,172	575,752	360,861	20,818
45 to 64 years.....	604,630	263,554	131,647	184,245	24,632	1,113,603	565,869	190,385	339,288	11,964
65 years and over.....	167,438	79,061	13,202	69,273	5,811	365,185	189,510	22,020	147,141	4,143
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.0	11.4	9.8	0.6	6.7	12.4	15.2	11.9	0.5	10.3
5 to 14 years.....	16.5	19.5	19.1	3.6	14.1	22.7	25.2	26.2	3.2	21.6
15 to 24 years.....	21.0	21.7	24.4	13.0	20.2	19.8	19.6	24.7	9.7	20.5
25 to 44 years.....	33.2	29.6	33.3	42.5	39.8	26.0	23.2	27.1	36.8	26.6
45 to 64 years.....	15.6	13.3	19.1	29.2	15.0	14.3	12.5	9.0	34.6	15.2
65 years and over.....	4.3	4.0	1.2	11.0	3.5	4.7	4.2	1.0	15.0	5.3



## DISTRIBUTION BY AGE PERIODS OF THE URBAN AND RURAL POPULATION FOR THE UNITED STATES AND GEOGRAPHIC DIVISIONS: 1910—Continued.

[Totals for all ages include persons of unknown age.]

DIVISION AND AGE PERIOD.	URBAN POPULATION.					RURAL POPULATION.				
	All classes.	Native white.		Foreign-born white.	Negro.	All classes.	Native white.		Foreign-born white.	Negro.
		Native parentage.	Foreign or mixed parentage.				Native parentage.	Foreign or mixed parentage.		
SOUTH ATLANTIC.										
All ages, number.....	3,092,153	1,675,819	313,415	191,754	909,520	9,102,742	5,665,386	128,428	98,799	3,202,968
Under 5 years.....	310,326	187,598	37,393	1,582	83,710	1,346,893	840,214	17,293	993	486,806
5 to 14 years.....	565,652	324,652	62,156	10,825	167,954	2,355,256	1,421,466	26,072	5,027	900,303
15 to 24 years.....	651,486	355,824	58,819	29,999	206,667	1,831,811	1,114,190	21,628	16,909	677,262
25 to 44 years.....	1,002,809	516,554	96,571	81,696	307,169	2,139,386	1,347,904	35,301	44,506	709,730
45 to 64 years.....	440,274	226,718	51,053	47,402	114,604	1,090,296	718,799	21,119	21,605	327,695
65 years and over.....	112,595	61,007	7,140	19,820	24,599	327,033	217,960	4,932	9,269	94,541
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.0	11.2	11.9	0.8	9.2	14.8	14.8	13.7	1.0	15.2
5 to 14 years.....	18.3	19.4	19.8	5.6	18.5	25.9	25.1	20.6	5.1	28.1
15 to 24 years.....	21.1	21.2	18.8	15.6	22.7	20.1	19.7	17.1	17.1	21.1
25 to 44 years.....	32.4	30.8	30.8	42.6	33.8	23.5	23.8	27.9	45.0	22.2
45 to 64 years.....	14.2	13.5	16.3	24.7	12.6	12.0	12.7	16.7	21.9	10.2
65 years and over.....	3.6	3.6	2.3	10.3	2.7	3.6	3.8	3.9	9.4	3.0
EAST SOUTH CENTRAL.										
All ages, number.....	1,574,229	856,826	149,982	57,932	509,097	6,835,672	4,595,666	64,995	28,925	2,143,416
Under 5 years.....	150,790	98,038	9,392	237	43,105	1,009,681	698,659	5,656	189	304,698
5 to 14 years.....	284,059	172,136	20,733	2,049	89,109	1,756,136	1,167,513	11,450	1,301	575,179
15 to 24 years.....	332,823	186,395	27,597	5,649	113,114	1,386,406	915,728	11,378	2,781	456,004
25 to 44 years.....	518,682	261,039	59,276	20,356	177,844	1,615,802	1,082,364	20,638	9,617	502,563
45 to 64 years.....	226,608	109,944	29,917	19,398	67,249	816,469	500,805	13,086	9,543	232,751
65 years and over.....	56,338	27,210	2,955	10,152	16,016	240,951	166,274	2,699	5,415	66,465
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.6	11.4	6.3	0.4	8.5	14.8	15.2	8.7	0.7	14.2
5 to 14 years.....	18.0	20.1	13.8	3.5	17.5	25.7	25.4	17.6	4.5	26.8
15 to 24 years.....	21.1	21.8	18.4	9.8	22.2	20.3	19.9	17.5	9.6	21.3
25 to 44 years.....	32.9	30.5	39.5	35.1	34.9	23.6	23.6	31.8	33.2	23.4
45 to 64 years.....	14.4	12.8	19.9	33.5	13.2	11.9	12.2	20.1	33.0	10.9
65 years and over.....	3.6	3.2	2.0	17.5	3.1	3.5	3.6	4.2	18.7	3.1
WEST SOUTH CENTRAL.										
All ages, number.....	1,957,456	1,142,636	236,289	136,808	435,838	6,827,078	4,624,813	368,994	211,951	1,548,585
Under 5 years.....	200,222	134,255	23,538	1,885	39,826	1,005,436	743,383	56,138	4,024	218,186
5 to 14 years.....	376,269	239,007	43,885	9,367	82,683	1,795,095	1,228,936	104,176	18,068	423,291
15 to 24 years.....	412,801	247,346	46,643	19,395	98,265	1,399,748	942,139	81,285	31,011	331,007
25 to 44 years.....	642,181	353,871	81,523	54,139	151,013	1,640,878	1,089,426	87,752	79,295	368,954
45 to 64 years.....	257,151	133,240	36,368	37,027	49,658	759,787	499,594	34,549	58,995	159,896
65 years and over.....	61,059	30,179	4,103	14,542	12,130	185,418	116,344	4,744	19,704	42,943
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.2	11.7	10.0	1.4	9.1	15.2	16.1	15.2	1.9	14.1
5 to 14 years.....	19.2	20.9	18.6	6.8	19.0	26.3	26.6	28.2	8.5	27.3
15 to 24 years.....	21.1	21.6	19.7	14.2	22.5	20.5	20.4	22.0	14.6	21.4
25 to 44 years.....	32.8	31.0	34.5	39.6	34.6	24.0	23.6	23.8	37.4	23.8
45 to 64 years.....	13.1	11.7	15.4	27.1	11.4	11.1	10.8	9.4	27.8	10.3
65 years and over.....	3.1	2.6	1.7	10.6	2.8	2.7	2.5	1.3	9.3	2.8
MOUNTAIN.										
All ages, number.....	947,511	491,829	259,131	173,331	15,446	1,686,006	974,795	357,790	263,579	6,021
Under 5 years.....	91,296	57,305	31,360	1,373	978	214,508	150,161	50,170	2,853	372
5 to 14 years.....	161,696	94,443	57,535	7,503	1,873	351,378	233,384	86,264	12,165	775
15 to 24 years.....	184,021	97,817	59,078	23,225	2,596	321,530	188,438	76,220	41,156	1,122
25 to 44 years.....	335,189	160,820	81,540	82,011	7,057	517,822	259,747	106,292	125,768	2,661
45 to 64 years.....	141,852	64,216	26,893	46,439	2,460	226,176	115,249	35,042	63,725	890
65 years and over.....	29,379	14,344	2,492	12,005	374	49,138	24,951	3,558	16,178	174
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.6	11.7	12.1	0.8	6.3	12.7	15.4	14.0	1.1	6.2
5 to 14 years.....	17.1	19.2	23.2	4.3	12.1	20.8	23.9	24.1	4.6	12.9
15 to 24 years.....	19.4	19.9	22.8	13.4	16.8	19.1	19.3	21.3	15.6	18.6
25 to 44 years.....	35.4	32.7	31.5	47.3	45.7	30.7	26.6	29.7	47.7	44.2
45 to 64 years.....	15.0	13.1	10.4	26.8	15.9	13.4	11.8	9.8	24.2	14.8
65 years and over.....	3.1	2.9	1.0	6.9	2.4	2.9	2.6	1.0	6.1	2.9
PACIFIC.										
All ages, number.....	2,382,329	1,117,591	648,448	528,488	24,362	1,809,975	991,179	405,207	332,960	4,833
Under 5 years.....	181,654	104,457	69,483	3,634	1,589	180,972	119,661	53,322	2,144	289
5 to 14 years.....	325,222	178,780	121,246	19,338	2,880	330,094	208,478	100,873	11,892	657
15 to 24 years.....	451,796	220,369	148,085	67,239	4,223	331,241	185,358	87,143	45,299	902
25 to 44 years.....	901,605	385,825	225,177	250,862	10,856	572,452	278,722	111,879	148,679	1,847
45 to 64 years.....	407,919	171,805	74,841	142,889	3,940	302,480	148,392	44,690	94,698	882
65 years and over.....	101,969	49,121	9,056	42,285	674	88,020	47,731	7,018	29,280	235
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.6	9.3	10.7	0.7	6.5	10.0	12.1	13.2	0.6	6.0
5 to 14 years.....	13.7	16.0	18.7	3.7	11.8	18.2	21.0	24.9	3.6	13.6
15 to 24 years.....	19.0	19.7	22.8	12.7	17.3	18.3	18.7	21.5	13.6	18.7
25 to 44 years.....	37.8	34.5	34.7	47.5	44.6	31.6	28.1	27.6	44.7	38.2
45 to 64 years.....	17.1	15.4	11.5	27.0	16.2	16.7	15.0	11.0	28.4	18.2
65 years and over.....	4.3	4.4	1.4	8.0	2.8	4.9	4.8	1.7	8.8	4.9



## AGE DISTRIBUTION.

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## DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910.

[Totals for all ages include persons of unknown age.]

Table 15

CITY AND AGE PERIOD.	All classes.	NATIVE WHITE.		Foreign-born white.	Negro.	CITY AND AGE PERIOD.	All classes.	NATIVE WHITE.		Foreign-born white.	Negro.
		Native parent-age.	Foreign or mixed parentage.					Native parent-age.	Foreign or mixed parentage.		
Albany, N. Y.						Bridgeport, Conn.					
All ages, number.....	100,253	44,473	36,533	18,165	1,037	All ages, number.....	102,054	27,156	37,314	36,180	1,332
Under 5 years.....	7,603	4,761	2,687	117	35	Under 5 years.....	10,698	2,759	7,439	292	114
5 to 14 years.....	14,904	8,907	5,186	668	142	5 to 14 years.....	17,158	4,884	10,297	1,789	185
15 to 24 years.....	18,668	9,574	6,655	2,223	213	15 to 24 years.....	20,859	5,194	7,610	7,806	241
25 to 44 years.....	35,039	13,288	14,422	6,873	418	25 to 44 years.....	35,495	8,378	8,688	17,811	582
45 to 64 years.....	18,524	5,946	6,817	5,570	181	45 to 64 years.....	14,535	4,408	3,075	6,857	179
65 years and over.....	5,427	1,956	742	2,687	42	65 years and over.....	3,323	1,517	198	1,574	30
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.6	10.7	7.4	0.6	3.4	Under 5 years.....	10.4	10.2	19.9	0.8	8.6
5 to 14 years.....	14.9	20.0	14.2	3.7	13.7	5 to 14 years.....	16.8	18.0	27.6	4.9	13.9
15 to 24 years.....	18.6	21.5	18.2	12.2	20.5	15 to 24 years.....	20.4	19.1	20.4	21.6	18.1
25 to 44 years.....	35.0	29.9	39.5	37.8	40.3	25 to 44 years.....	34.8	30.9	23.3	49.2	43.7
45 to 64 years.....	18.5	13.4	18.7	30.7	17.5	45 to 64 years.....	14.2	16.2	8.2	19.0	13.4
65 years and over.....	5.4	4.4	2.0	14.8	4.1	65 years and over.....	3.3	5.6	0.5	4.4	2.3
Atlanta, Ga.						Buffalo, N. Y.					
All ages, number.....	154,839	91,987	6,464	4,410	51,902	All ages, number.....	423,715	119,692	183,673	118,444	1,773
Under 5 years.....	15,589	10,174	748	42	4,622	Under 5 years.....	42,257	15,876	25,409	880	88
5 to 14 years.....	26,986	16,521	1,292	279	8,891	5 to 14 years.....	77,449	26,906	45,223	5,114	198
15 to 24 years.....	34,574	20,105	1,298	716	12,451	15 to 24 years.....	87,106	28,152	41,273	17,353	310
25 to 44 years.....	52,824	30,479	2,098	2,016	18,204	25 to 44 years.....	136,731	34,288	48,104	53,429	849
45 to 64 years.....	20,103	11,776	900	1,028	6,364	45 to 64 years.....	65,476	11,349	21,968	31,802	287
65 years and over.....	4,564	2,843	123	313	1,281	65 years and over.....	14,302	2,917	1,008	9,795	41
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.1	11.1	11.6	1.0	8.9	Under 5 years.....	10.0	13.3	13.8	0.7	5.0
5 to 14 years.....	17.4	18.0	20.0	6.3	17.1	5 to 14 years.....	18.3	22.5	24.6	4.3	11.2
15 to 24 years.....	22.3	21.9	20.1	16.2	24.0	15 to 24 years.....	20.6	23.5	22.5	14.7	17.5
25 to 44 years.....	34.1	33.1	32.5	45.7	35.1	25 to 44 years.....	32.3	28.6	26.2	45.1	47.9
45 to 64 years.....	13.0	12.8	13.9	23.3	12.3	45 to 64 years.....	15.5	9.5	12.0	26.8	16.2
65 years and over.....	2.9	3.1	1.9	7.1	2.5	65 years and over.....	3.4	2.4	0.9	8.3	2.3
Baltimore, Md.						Cambridge, Mass.					
All ages, number.....	558,485	261,474	134,870	77,043	84,749	All ages, number.....	104,839	25,615	39,794	34,608	4,707
Under 5 years.....	51,986	28,966	15,916	474	6,628	Under 5 years.....	10,802	2,890	7,219	211	480
5 to 14 years.....	98,124	52,963	27,910	4,676	12,567	5 to 14 years.....	18,363	4,448	11,594	1,491	828
15 to 24 years.....	112,966	57,671	26,011	11,432	17,820	15 to 24 years.....	19,338	4,476	8,586	5,432	831
25 to 44 years.....	180,041	76,779	39,561	31,287	32,290	25 to 44 years.....	34,901	7,085	8,908	17,134	1,712
45 to 64 years.....	91,696	35,127	22,626	20,386	12,838	45 to 64 years.....	16,732	4,721	3,161	8,107	711
65 years and over.....	23,578	9,669	2,745	8,707	2,452	65 years and over.....	4,642	1,979	316	2,202	141
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.3	11.1	11.8	0.6	7.8	Under 5 years.....	10.3	11.3	18.1	0.6	10.2
5 to 14 years.....	17.6	20.3	20.7	6.1	14.8	5 to 14 years.....	17.5	17.4	29.1	4.3	17.6
15 to 24 years.....	20.2	22.1	19.3	14.8	21.0	15 to 24 years.....	18.4	17.5	21.6	15.7	17.7
25 to 44 years.....	32.2	29.4	29.3	40.6	38.0	25 to 44 years.....	33.3	27.7	22.4	49.5	36.4
45 to 64 years.....	16.3	13.4	16.8	26.5	15.1	45 to 64 years.....	16.0	18.4	7.9	23.4	16.1
65 years and over.....	4.2	3.7	2.0	11.3	2.9	65 years and over.....	4.4	7.7	0.8	6.4	3.0
Birmingham, Ala.						Chicago, Ill.					
All ages, number.....	132,685	66,312	8,357	5,700	52,305	All ages, number.....	2,185,283	445,139	912,761	781,217	44,103
Under 5 years.....	14,202	8,212	1,348	44	4,598	Under 5 years.....	223,767	63,281	132,194	5,765	2,472
5 to 14 years.....	24,324	12,905	2,138	372	8,909	5 to 14 years.....	377,093	89,886	245,962	36,888	4,297
15 to 24 years.....	28,560	14,016	1,815	859	11,867	15 to 24 years.....	459,185	89,143	231,040	131,216	7,489
25 to 44 years.....	46,917	22,105	2,135	2,603	20,069	25 to 44 years.....	749,461	133,135	230,255	372,650	22,222
45 to 64 years.....	15,518	7,506	821	1,488	5,701	45 to 64 years.....	307,411	51,019	59,149	190,374	6,381
65 years and over.....	2,763	1,467	96	332	868	65 years and over.....	60,228	12,446	3,584	43,291	897
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.7	12.4	16.1	0.8	8.8	Under 5 years.....	10.2	14.2	16.7	0.7	5.6
5 to 14 years.....	18.3	19.5	25.6	6.5	17.0	5 to 14 years.....	17.3	20.2	26.9	4.7	9.7
15 to 24 years.....	21.5	21.1	21.7	15.1	22.7	15 to 24 years.....	21.0	20.0	25.3	16.8	17.0
25 to 44 years.....	35.4	33.3	25.5	45.7	38.4	25 to 44 years.....	34.3	29.9	24.1	47.7	50.4
45 to 64 years.....	11.7	11.3	9.8	26.1	10.9	45 to 64 years.....	14.1	11.5	6.5	24.4	14.5
65 years and over.....	2.1	2.2	1.1	5.8	1.7	65 years and over.....	2.8	2.8	0.4	5.5	2.0
Boston, Mass.						Cincinnati, Ohio.					
All ages, number.....	670,585	157,870	257,104	240,722	13,564	All ages, number.....	363,591	154,937	132,196	56,792	19,639
Under 5 years.....	63,725	16,524	44,711	1,511	942	Under 5 years.....	29,172	20,251	7,422	350	1,148
5 to 14 years.....	112,095	27,237	71,536	11,719	1,568	5 to 14 years.....	55,825	35,118	16,451	2,010	2,243
15 to 24 years.....	123,016	27,994	52,750	39,916	2,203	15 to 24 years.....	74,253	38,744	25,587	5,996	3,925
25 to 44 years.....	235,267	47,565	63,005	117,552	6,407	25 to 44 years.....	124,568	42,843	53,602	19,426	8,676
45 to 64 years.....	108,739	27,816	22,978	55,494	2,104	45 to 64 years.....	63,103	14,194	26,907	19,006	2,989
65 years and over.....	27,068	10,348	2,045	14,338	324	65 years and over.....	15,926	3,363	2,148	9,936	479
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.5	10.5	17.4	0.6	6.9	Under 5 years.....	8.0	13.1	5.6	0.6	5.8
5 to 14 years.....	16.7	17.3	27.8	4.9	11.6	5 to 14 years.....	15.4	22.7	12.4	3.5	11.4
15 to 24 years.....	18.3	17.7	20.5	16.6	16.2	15 to 24 years.....	20.4	25.0	19.4	10.6	20.0
25 to 44 years.....	35.1	30.1	24.5	48.8	47.2	25 to 44 years.....	34.3	27.7	49.5	34.2	44.2
45 to 64 years.....	16.2	17.6	8.9	23.1	15.5	45 to 64 years.....	17.4	9.2	20.4	33.5	15.2
65 years and over.....	4.0	6.6	0.8	6.0	2.4	65 years and over.....	4.4	2.2	1.6	17.5	2.4



## DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals for all ages include persons of unknown age.]

Table 15—Continued.		NATIVE WHITE.				Negro.			NATIVE WHITE.				Negro.
CITY AND AGE PERIOD.	All classes.	Native parent-age.	Foreign or mixed parentage	Foreign-born white.	CITY AND AGE PERIOD.		All classes.	Native parent-age.	Foreign or mixed parentage	Foreign-born white.			
Cleveland, Ohio.							Fall River, Mass.						
All ages, number.....	560,663	132,314	223,908	195,703	8,448		All ages, number.....	119,295	15,858	52,125	50,874	355	
Under 5 years.....	62,512	18,693	41,633	1,662	519		Under 5 years.....	13,967	2,563	10,867	542	25	
5 to 14 years.....	97,481	27,175	57,855	11,500	938		5 to 14 years.....	24,287	3,840	17,086	3,318	41	
15 to 24 years.....	114,971	26,680	51,787	34,857	1,612		15 to 24 years.....	24,084	2,764	11,404	9,842	62	
25 to 44 years.....	192,924	40,876	55,410	92,530	3,970		25 to 44 years.....	35,981	3,475	10,159	22,141	165	
45 to 64 years.....	75,332	14,715	15,854	43,484	1,185		45 to 64 years.....	16,927	2,307	2,456	12,078	58	
65 years and over.....	16,790	3,706	1,328	11,550	204		65 years and over.....	4,005	905	149	2,947	4	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	11.1	14.1	18.6	0.8	6.1		Under 5 years.....	11.7	16.2	20.8	1.1	7.0	
5 to 14 years.....	17.4	20.5	25.8	5.9	11.1		5 to 14 years.....	20.4	24.2	32.8	6.5	11.5	
15 to 24 years.....	20.5	20.2	23.1	17.8	19.1		15 to 24 years.....	20.2	17.4	21.9	19.3	17.5	
25 to 44 years.....	34.4	30.9	24.7	47.3	47.0		25 to 44 years.....	30.2	21.9	19.5	43.5	46.5	
45 to 64 years.....	13.4	11.1	7.1	22.2	14.0		45 to 64 years.....	14.2	14.5	4.7	23.7	16.3	
65 years and over.....	3.0	2.8	0.6	5.9	2.4		65 years and over.....	3.4	5.7	0.3	5.8	1.1	
Columbus, Ohio.							Grand Rapids, Mich.						
All ages, number.....	181,511	116,846	35,578	16,285	12,739		All ages, number.....	112,571	40,777	42,767	28,335	665	
Under 5 years.....	14,337	10,879	2,527	91	836		Under 5 years.....	11,280	4,912	6,096	235	36	
5 to 14 years.....	26,934	19,777	4,920	652	1,578		5 to 14 years.....	19,187	7,199	10,575	1,337	74	
15 to 24 years.....	36,774	25,483	6,786	1,848	2,644		15 to 24 years.....	22,371	7,990	10,602	3,666	169	
25 to 44 years.....	65,495	39,810	13,388	6,823	5,449		25 to 44 years.....	35,856	12,393	11,250	11,942	258	
45 to 64 years.....	30,436	16,724	7,084	4,754	1,861		45 to 64 years.....	18,496	6,312	3,858	8,178	142	
65 years and over.....	7,232	3,930	862	2,105	334		65 years and over.....	5,233	1,868	373	2,953	38	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	7.9	9.3	7.1	0.6	6.6		Under 5 years.....	10.0	12.0	14.3	0.8	5.4	
5 to 14 years.....	14.8	16.9	13.8	4.0	12.4		5 to 14 years.....	17.0	17.7	24.7	4.7	11.1	
15 to 24 years.....	20.3	21.8	19.1	11.3	20.8		15 to 24 years.....	19.9	19.6	24.8	12.9	16.4	
25 to 44 years.....	36.1	34.1	37.6	41.9	42.8		25 to 44 years.....	31.9	30.4	26.3	42.1	38.8	
45 to 64 years.....	16.8	14.3	19.9	29.2	14.6		45 to 64 years.....	16.4	15.5	9.0	28.9	21.4	
65 years and over.....	4.0	3.4	2.4	12.9	2.6		65 years and over.....	4.6	4.6	0.9	10.4	5.7	
Dayton, Ohio							Indianapolis, Ind.						
All ages, number.....	116,577	72,301	25,559	13,847	4,842		All ages, number.....	233,650	150,593	41,420	19,767	21,816	
Under 5 years.....	10,647	7,922	2,243	107	374		Under 5 years.....	18,697	14,277	2,794	68	1,557	
5 to 14 years.....	17,943	13,065	3,657	604	616		5 to 14 years.....	35,646	26,195	5,859	543	3,046	
15 to 24 years.....	22,751	15,291	4,590	1,948	919		15 to 24 years.....	45,314	30,990	7,788	2,274	4,239	
25 to 44 years.....	40,303	23,104	9,292	5,872	2,020		25 to 44 years.....	83,848	50,610	16,424	8,053	8,735	
45 to 64 years.....	19,791	10,264	5,237	3,536	746		45 to 64 years.....	39,712	22,597	7,722	5,878	3,494	
65 years and over.....	5,111	2,644	536	1,775	156		65 years and over.....	9,951	5,571	811	2,913	656	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	9.1	11.0	8.8	0.8	7.7		Under 5 years.....	8.0	9.5	6.7	0.3	7.1	
5 to 14 years.....	15.4	18.1	14.3	4.4	12.7		5 to 14 years.....	15.3	17.4	14.1	2.7	14.0	
15 to 24 years.....	19.5	21.1	18.0	14.1	19.0		15 to 24 years.....	19.4	20.6	18.8	11.5	19.5	
25 to 44 years.....	34.6	32.0	36.4	42.4	41.7		25 to 44 years.....	35.9	33.6	39.7	40.7	40.0	
45 to 64 years.....	17.0	14.2	20.5	25.5	15.4		45 to 64 years.....	17.0	15.0	18.6	29.7	16.0	
65 years and over.....	4.4	3.7	2.1	12.8	3.2		65 years and over.....	4.3	3.7	2.0	14.7	3.0	
Denver, Colo.							Jersey City, N. J.						
All ages, number.....	213,381	106,945	61,185	38,941	5,426		All ages, number.....	267,779	74,861	109,101	77,697	5,960	
Under 5 years.....	16,879	9,867	6,474	200	313		Under 5 years.....	29,457	11,362	17,004	530	557	
5 to 14 years.....	32,504	17,684	12,633	1,526	632		5 to 14 years.....	52,398	19,830	28,394	3,311	862	
15 to 24 years.....	40,374	21,024	13,958	4,306	933		15 to 24 years.....	53,484	16,135	23,675	12,611	1,044	
25 to 44 years.....	77,659	37,137	19,706	17,884	2,466		25 to 44 years.....	88,145	18,656	29,758	37,002	2,625	
45 to 64 years.....	37,375	16,648	7,605	12,050	920		45 to 64 years.....	36,340	6,991	9,534	19,004	779	
65 years and over.....	7,703	3,983	747	2,819	142		65 years and over.....	7,752	1,764	708	5,198	82	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	7.9	9.2	10.6	0.5	5.8		Under 5 years.....	11.0	15.2	15.6	0.7	9.3	
5 to 14 years.....	15.2	16.5	20.6	3.9	11.6		5 to 14 years.....	19.6	26.5	26.0	4.3	14.5	
15 to 24 years.....	18.9	19.7	22.8	11.1	17.2		15 to 24 years.....	20.0	21.6	21.7	16.2	17.5	
25 to 44 years.....	36.4	34.7	32.2	45.9	45.4		25 to 44 years.....	32.9	24.9	27.3	47.6	44.0	
45 to 64 years.....	17.5	15.6	12.4	30.9	17.0		45 to 64 years.....	13.6	9.3	8.7	24.5	13.1	
65 years and over.....	3.6	3.7	1.2	7.2	2.6		65 years and over.....	2.9	2.4	0.6	6.7	1.4	
Detroit, Mich.							Kansas City, Mo.						
All ages, number.....	465,766	115,106	188,255	156,565	5,741		All ages, number.....	248,381	153,717	45,633	25,327	23,566	
Under 5 years.....	48,715	16,615	30,054	1,715	330		Under 5 years.....	18,598	13,110	4,092	174	1,211	
5 to 14 years.....	77,658	22,622	40,242	8,099	685		5 to 14 years.....	34,138	23,011	7,536	1,116	2,466	
15 to 24 years.....	99,231	24,958	46,371	26,802	1,081		15 to 24 years.....	50,379	32,480	9,953	3,218	4,700	
25 to 44 years.....	158,858	34,755	49,464	72,049	2,550		25 to 44 years.....	93,941	54,891	16,857	10,989	11,150	
45 to 64 years.....	65,166	12,328	14,725	37,191	899		45 to 64 years.....	39,673	22,591	6,494	7,340	3,214	
65 years and over.....	15,306	3,209	1,345	10,572	174		65 years and over.....	8,641	5,086	642	2,422	490	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	10.5	14.4	16.0	1.1	5.7		Under 5 years.....	7.5	8.5	9.0	0.7	5.1	
5 to 14 years.....	16.7	19.7	24.6	5.2	11.9		5 to 14 years.....	13.7	15.0	16.5	4.4	10.5	
15 to 24 years.....	21.3	21.7	24.6	17.1	18.8		15 to 24 years.....	20.3	21.1	21.8	12.7	19.9	
25 to 44 years.....	34.1	30.2	26.3	46.0	44.4		25 to 44 years.....	37.8	35.7	36.9	43.4	47.3	
45 to 64 years.....	14.0	10.7	7.8	23.8	15.7		45 to 64 years.....	16.0	14.7	14.2	29.0	13.6	
65 years and over.....	3.3	2.8	0.7	6.8	3.0		65 years and over.....	3.5	3.3	1.4	9.6	2.1	



## AGE DISTRIBUTION.

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DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals for all ages include persons of unknown age.]

Table 15—Continued.

Table 15—Continued.											
CITY AND AGE PERIOD.	All classes.	NATIVE WHITE.		Foreign-born white.	Negro.	CITY AND AGE PERIOD.	All classes.	NATIVE WHITE.		Foreign-born white.	Negro.
		Native parent-age.	Foreign or mixed parentage					Native parent-age.	Foreign or mixed parentage		
<b>Los Angeles, Cal.</b>						<b>Minneapolis, Minn.</b>					
All ages, number.....	319,198	169,967	74,756	60,584	7,599	—Continued.					
Under 5 years.....	22,817	13,381	8,022	535	556	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
5 to 14 years.....	41,517	23,688	13,540	3,026	1,052	Under 5 years.....	8.6	11.1	12.5	0.5	4.4
15 to 24 years.....	57,621	31,523	15,657	7,705	1,433	5 to 14 years.....	14.8	16.6	21.8	3.4	9.7
25 to 44 years.....	121,775	61,974	25,693	27,604	3,103	15 to 24 years.....	22.4	22.1	28.5	14.6	15.8
45 to 64 years.....	59,639	30,359	10,330	16,709	1,244	25 to 44 years.....	35.4	31.2	28.7	48.7	52.2
65 years and over.....	15,439	8,822	1,475	4,916	184	45 to 64 years.....	14.9	13.4	7.7	26.6	13.7
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	65 years and over.....	3.3	4.0	0.6	6.1	2.2
Under 5 years.....	7.1	7.9	10.7	0.9	7.3	<b>Nashville, Tenn.</b>					
5 to 14 years.....	13.0	13.9	18.1	5.0	13.8	All ages, number.....	110,364	63,687	7,151	2,993	36,823
15 to 24 years.....	18.1	18.5	20.9	12.7	18.9	Under 5 years.....	10,172	6,988	452	11	2,721
25 to 44 years.....	38.2	36.5	34.4	45.6	40.8	5 to 14 years.....	19,637	12,375	995	144	6,112
45 to 64 years.....	18.7	17.9	13.8	27.6	16.4	15 to 24 years.....	24,167	14,000	1,328	300	8,537
65 years and over.....	4.8	5.2	2.0	8.1	2.4	25 to 44 years.....	35,514	19,438	2,849	989	12,233
<b>Louisville, Ky.</b>						45 to 64 years.....	16,095	8,745	1,370	1,022	5,556
All ages, number.....	223,928	113,543	52,411	17,436	40,522	65 years and over.....	4,146	2,120	156	524	1,346
Under 5 years.....	18,848	13,827	2,514	49	2,458	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
5 to 14 years.....	37,418	24,954	6,638	387	5,439	Under 5 years.....	9.2	11.0	6.3	0.4	7.5
15 to 24 years.....	46,279	26,970	9,538	1,333	8,432	5 to 14 years.....	17.8	19.4	13.9	4.8	16.7
25 to 44 years.....	75,443	32,052	21,578	5,467	16,341	15 to 24 years.....	21.9	22.0	18.6	10.0	23.4
45 to 64 years.....	36,655	12,662	11,146	6,463	6,379	25 to 44 years.....	32.2	30.5	39.8	33.0	33.5
65 years and over.....	8,976	3,015	969	3,706	1,286	45 to 64 years.....	15.1	13.7	19.2	34.1	15.2
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	65 years and over.....	3.8	3.3	2.2	17.5	3.7
Under 5 years.....	8.4	12.2	4.8	0.3	6.1	<b>New Haven, Conn.</b>					
5 to 14 years.....	16.7	22.0	12.7	2.2	13.4	All ages, number.....	133,605	37,726	49,434	42,784	3,561
15 to 24 years.....	20.7	23.8	18.2	7.6	20.8	Under 5 years.....	13,702	3,743	9,382	305	271
25 to 44 years.....	33.7	28.2	41.2	31.4	40.3	5 to 14 years.....	24,241	7,247	13,900	2,610	482
45 to 64 years.....	16.4	11.2	21.3	37.1	15.7	15 to 24 years.....	25,265	6,772	9,960	7,890	626
65 years and over.....	4.0	2.7	1.8	21.3	3.2	25 to 44 years.....	43,355	10,649	11,651	19,499	1,498
<b>Lowell, Mass.</b>						45 to 64 years.....	21,083	6,513	4,179	9,828	542
All ages, number.....	106,294	20,703	41,942	43,457	133	65 years and over.....	5,735	2,710	338	2,551	136
Under 5 years.....	10,437	2,343	7,681	400	11	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
5 to 14 years.....	18,027	3,639	12,302	2,073	13	Under 5 years.....	10.3	9.9	19.0	0.7	7.6
15 to 24 years.....	21,343	3,447	9,418	8,443	25	5 to 14 years.....	18.1	19.2	28.1	6.1	13.5
25 to 44 years.....	35,046	5,484	9,153	20,327	49	15 to 24 years.....	18.9	18.0	20.1	18.4	17.6
45 to 64 years.....	16,901	4,058	3,098	9,706	26	25 to 44 years.....	32.5	28.2	23.6	45.6	42.1
65 years and over.....	4,389	1,683	268	2,431	7	45 to 64 years.....	15.8	17.3	8.5	23.0	15.2
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	65 years and over.....	4.3	7.2	0.7	6.0	3.8
Under 5 years.....	9.8	11.3	18.3	0.9	8.3	<b>New Orleans, La.</b>					
5 to 14 years.....	17.0	17.6	29.3	4.8	9.8	All ages, number.....	339,075	147,473	74,244	27,686	89,262
15 to 24 years.....	20.1	16.6	22.5	19.4	18.8	Under 5 years.....	32,047	19,696	4,566	151	7,624
25 to 44 years.....	33.0	26.5	21.8	46.8	36.8	5 to 14 years.....	64,076	37,868	9,564	1,073	15,554
45 to 64 years.....	15.9	19.6	7.4	22.3	19.5	15 to 24 years.....	69,403	35,476	12,067	2,867	18,949
65 years and over.....	4.1	8.1	0.6	5.6	5.3	25 to 44 years.....	110,408	38,236	30,169	9,409	32,396
<b>Memphis, Tenn.</b>						45 to 64 years.....	48,291	11,835	16,100	8,760	11,445
All ages, number.....	131,105	59,985	12,138	6,467	52,441	65 years and over.....	12,892	2,756	1,720	5,371	3,036
Under 5 years.....	10,756	6,012	984	28	3,729	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
5 to 14 years.....	19,505	10,201	1,789	318	7,190	Under 5 years.....	9.5	13.4	6.1	0.5	8.5
15 to 24 years.....	28,575	13,115	2,283	916	12,249	5 to 14 years.....	18.9	25.7	12.9	3.9	17.4
25 to 44 years.....	50,116	21,183	4,878	2,613	21,408	15 to 24 years.....	20.5	24.1	16.3	10.4	21.2
45 to 64 years.....	17,546	7,349	2,039	1,873	6,269	25 to 44 years.....	32.6	25.9	40.6	34.0	36.3
65 years and over.....	3,857	1,541	158	715	1,442	45 to 64 years.....	14.2	8.0	21.7	31.6	12.8
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	65 years and over.....	3.8	1.9	2.3	19.4	3.4
Under 5 years.....	8.2	10.0	8.1	0.4	7.1	<b>New York, N. Y.</b>					
5 to 14 years.....	14.9	17.0	14.7	4.9	13.7	All ages, number.....	4,766,883	921,318	1,820,141	1,927,703	91,709
15 to 24 years.....	21.8	21.9	18.8	14.2	23.4	Under 5 years.....	507,080	126,835	358,733	14,660	6,676
25 to 44 years.....	38.2	35.3	40.2	40.4	40.8	5 to 14 years.....	860,094	210,937	504,509	135,070	9,972
45 to 64 years.....	13.4	12.3	16.8	29.0	12.0	15 to 24 years.....	989,484	197,307	373,691	399,225	18,644
65 years and over.....	2.9	2.6	1.3	11.1	2.7	25 to 44 years.....	1,613,715	254,468	422,534	889,208	44,014
<b>Milwaukee, Wis.</b>						45 to 64 years.....	653,787	98,778	147,599	395,495	10,441
All ages, number.....	373,857	78,823	182,520	111,456	980	65 years and over.....	135,321	28,280	12,564	92,747	1,690
Under 5 years.....	37,834	14,755	22,239	790	46	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
5 to 14 years.....	69,641	21,299	42,746	4,913	81	Under 5 years.....	10.6	13.8	19.7	0.8	7.3
15 to 24 years.....	81,651	19,500	46,992	14,965	184	5 to 14 years.....	18.1	22.9	27.7	7.0	10.9
25 to 44 years.....	118,833	17,099	53,514	47,690	496	15 to 24 years.....	20.8	21.4	20.5	20.7	20.3
45 to 64 years.....	53,718	4,459	16,879	32,215	149	25 to 44 years.....	33.9	27.6	23.2	46.1	48.0
65 years and over.....	12,736	1,220	702	10,813	29	45 to 64 years.....	13.7	10.7	8.1	20.5	11.4
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	65 years and over.....	2.8	3.1	0.7	4.8	1.8
Under 5 years.....	10.1	18.7	12.2	0.7	4.7	<b>Manhattan Borough.</b>					
5 to 14 years.....	18.5	27.0	23.4	4.4	8.3	All ages, number.....	2,331,542	344,351	818,298	1,104,019	60,534
15 to 24 years.....	21.7	24.7	25.4	13.4	18.8	Under 5 years.....	235,864	41,504	181,317	8,885	4,054
25 to 44 years.....	31.8	21.7	29.3	42.8	50.6	5 to 14 years.....	384,443	64,431	231,206	83,038	5,637
45 to 64 years.....	14.4	5.7	9.2	28.9	15.2	15 to 24 years.....	509,575	71,078	167,707	257,745	12,607
65 years and over.....	3.4	1.5	0.4	9.7	2.0	25 to 44 years.....	820,638	109,675	173,742	503,842	30,821
<b>Minneapolis, Minn.</b>						45 to 64 years.....	315,563	42,232	58,866	206,917	6,381
All ages, number.....	301,408	96,186	116,548	85,938	2,592	65 years and over.....	59,532	11,018	5,016	42,681	811
Under 5 years.....	25,797	10,633	14,624	422	113	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
5 to 14 years.....	44,561	15,946	25,430	2,929	251	Under 5 years.....	10.1	12.1	22.2	0.8	6.7
15 to 24 years.....	67,385	21,215	33,233	12,505	410	5 to 14 years.....	16.5	18.7	28.3	7.5	9.3
25 to 44 years.....	106,635	29,978	33,417	41,820	1,353	15 to 24 years.....	21.9	20.6	20.5	23.3	20.8
45 to 64 years.....	45,039	12,869	9,016	22,778	355	25 to 44 years.....	35.2	31.8	21.2	45.6	50.9
65 years and over.....	9,860	3,854	709	6,239	56	45 to 64 years.....	13.5	12.3	7.2	18.7	10.5
						65 years and over.....	2.6	3.2	0.6	3.9	1.3



## DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals for all ages include persons of unknown age.]

Table 15—Continued.		NATIVE WHITE.				Negro.	NATIVE WHITE.		Foreign-born white.	Negro.	
CITY AND AGE PERIOD.	All classes.	Native parent-age.	Foreign or mixed parentage.	Foreign-born white.	CITY AND AGE PERIOD.		All classes.	Native parent-age.			Foreign or mixed parentage.
New York, N. Y.—Continued.						Omaha, Nebr.					
Bronx Borough.											
All ages, number.....	430,980	92,569	185,146	148,935	4,117	All ages, number.....	124,096	52,917	39,595	27,068	4,426
Under 5 years.....	46,704	15,025	30,361	918	293	Under 5 years.....	10,459	5,452	4,585	176	243
5 to 14 years.....	83,699	25,401	50,298	7,408	588	5 to 14 years.....	18,835	8,631	8,667	1,093	441
15 to 24 years.....	85,731	21,008	40,099	23,862	736	15 to 24 years.....	26,890	11,746	10,719	3,611	796
25 to 44 years.....	144,544	22,210	47,767	72,750	1,684	25 to 44 years.....	44,647	18,330	11,689	12,387	2,212
45 to 64 years.....	58,215	6,996	15,479	35,182	520	45 to 64 years.....	19,075	7,048	3,603	7,750	640
65 years and over.....	11,726	1,775	1,097	8,663	186	65 years and over.....	4,043	1,629	301	2,024	88
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.8	16.2	16.4	0.6	9.5	Under 5 years.....	8.4	10.3	11.6	0.7	5.5
5 to 14 years.....	19.4	27.4	27.2	5.0	14.3	5 to 14 years.....	15.2	16.3	21.9	4.0	10.0
15 to 24 years.....	19.9	22.7	21.7	16.0	17.9	15 to 24 years.....	21.7	22.2	27.1	13.3	18.0
25 to 44 years.....	33.5	24.0	25.8	48.8	40.9	25 to 44 years.....	36.0	34.6	29.5	45.8	50.0
45 to 64 years.....	13.5	7.6	8.4	23.6	12.6	45 to 64 years.....	15.4	13.3	9.1	28.6	14.5
65 years and over.....	2.7	1.9	0.6	5.8	4.5	65 years and over.....	3.3	3.1	0.8	7.5	2.0
Brooklyn Borough.						Paterson, N. J.					
All ages, number.....	1,634,351	375,548	663,583	571,356	22,708	All ages, number.....	125,600	28,392	50,179	45,398	1,539
Under 5 years.....	183,813	53,014	124,664	4,271	1,824	Under 5 years.....	12,546	3,610	8,407	396	132
5 to 14 years.....	315,918	90,934	181,259	40,600	3,065	5 to 14 years.....	23,959	6,297	14,690	2,726	243
15 to 24 years.....	323,493	82,710	132,777	103,475	4,396	15 to 24 years.....	25,081	5,656	11,754	7,357	296
25 to 44 years.....	531,449	96,773	159,944	264,174	9,904	25 to 44 years.....	40,495	8,003	11,486	20,324	634
45 to 64 years.....	227,472	39,749	59,476	125,040	2,951	45 to 64 years.....	18,623	3,562	3,432	11,430	187
65 years and over.....	51,776	12,273	5,367	33,593	534	65 years and over.....	4,718	1,134	390	3,149	45
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.2	14.1	18.8	0.7	8.0	Under 5 years.....	10.0	12.7	16.8	0.9	8.6
5 to 14 years.....	19.3	24.2	27.3	7.1	13.5	5 to 14 years.....	19.1	22.2	29.3	6.0	15.8
15 to 24 years.....	19.8	22.0	20.0	18.1	19.4	15 to 24 years.....	20.0	19.9	23.4	16.2	19.2
25 to 44 years.....	32.5	25.8	24.1	46.2	43.6	25 to 44 years.....	32.2	28.2	22.9	44.8	41.2
45 to 64 years.....	13.9	10.6	9.0	21.9	13.0	45 to 64 years.....	14.8	12.5	6.8	25.2	12.2
65 years and over.....	3.2	3.3	0.8	5.9	2.4	65 years and over.....	3.8	4.0	0.8	6.9	2.9
Queens Borough.						Philadelphia, Pa.					
All ages, number.....	284,041	80,607	120,969	79,115	3,198	All ages, number.....	1,549,008	584,008	496,785	382,578	84,459
Under 5 years.....	31,847	13,700	17,432	412	298	Under 5 years.....	152,921	67,226	76,097	2,722	6,863
5 to 14 years.....	59,062	22,989	32,621	2,959	485	5 to 14 years.....	266,039	113,172	117,982	24,016	10,830
15 to 24 years.....	55,090	16,981	26,918	10,512	665	15 to 24 years.....	299,722	119,449	99,445	65,043	15,667
25 to 44 years.....	89,970	18,671	32,737	37,258	1,204	25 to 44 years.....	516,656	175,366	131,725	170,732	38,197
45 to 64 years.....	39,702	6,455	10,517	22,778	427	45 to 64 years.....	248,504	82,929	63,277	91,063	10,854
65 years and over.....	8,298	1,778	732	5,673	115	65 years and over.....	62,689	24,597	7,924	28,402	1,752
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.2	17.0	14.4	0.5	9.3	Under 5 years.....	9.9	11.5	15.3	0.7	8.1
5 to 14 years.....	20.8	28.5	27.0	3.7	15.2	5 to 14 years.....	17.2	19.4	23.8	6.3	12.8
15 to 24 years.....	19.4	21.1	22.3	13.3	20.8	15 to 24 years.....	19.3	20.5	20.0	17.0	18.5
25 to 44 years.....	31.7	23.2	27.1	47.1	37.6	25 to 44 years.....	33.4	30.0	26.5	44.6	45.2
45 to 64 years.....	14.0	8.0	8.7	28.2	13.4	45 to 64 years.....	16.0	14.2	12.7	23.8	12.9
65 years and over.....	2.9	2.2	0.6	7.2	3.6	65 years and over.....	4.0	4.2	1.6	7.4	2.1
Richmond Borough.						Pittsburgh, Pa.					
All ages, number.....	85,969	28,243	32,235	24,278	1,152	All ages, number.....	533,968	176,089	191,483	140,436	25,623
Under 5 years.....	8,832	3,612	4,959	174	107	Under 5 years.....	57,788	23,644	31,093	809	2,240
5 to 14 years.....	17,572	7,182	9,125	1,065	197	5 to 14 years.....	95,195	37,816	47,076	6,508	3,785
15 to 24 years.....	15,595	5,530	6,190	3,631	240	15 to 24 years.....	108,378	37,237	41,656	25,000	4,398
25 to 44 years.....	27,114	7,139	8,344	11,184	401	25 to 44 years.....	183,046	54,305	49,246	67,761	11,602
45 to 64 years.....	12,835	3,326	3,261	6,078	162	45 to 64 years.....	73,016	18,629	19,844	31,373	3,076
65 years and over.....	3,969	1,436	352	2,137	44	65 years and over.....	15,229	3,803	2,451	8,564	409
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.3	12.8	15.4	0.7	9.3	Under 5 years.....	10.8	13.4	16.2	0.6	8.7
5 to 14 years.....	20.4	25.4	28.3	4.4	17.1	5 to 14 years.....	17.8	21.5	24.6	4.6	14.8
15 to 24 years.....	18.1	19.6	19.2	15.0	20.8	15 to 24 years.....	20.3	21.1	21.8	17.8	17.2
25 to 44 years.....	31.5	25.3	25.9	46.1	34.8	25 to 44 years.....	34.3	30.8	25.7	48.3	45.3
45 to 64 years.....	14.9	11.8	10.1	25.0	14.1	45 to 64 years.....	13.7	10.6	10.4	22.3	12.0
65 years and over.....	4.6	5.1	1.1	8.8	3.8	65 years and over.....	2.9	2.2	1.3	6.1	1.6
Newark, N. J.						Portland, Oreg.					
All ages, number.....	347,469	94,737	132,350	110,655	9,475	All ages, number.....	207,214	104,163	51,069	43,780	1,045
Under 5 years.....	38,421	12,285	24,274	984	875	Under 5 years.....	14,158	8,315	5,323	352	45
5 to 14 years.....	64,397	20,718	34,959	7,369	1,338	5 to 14 years.....	24,831	13,634	9,205	1,769	74
15 to 24 years.....	68,698	19,582	27,197	20,153	1,754	15 to 24 years.....	41,793	21,457	13,062	6,499	135
25 to 44 years.....	114,736	26,705	32,791	51,119	3,981	25 to 44 years.....	85,081	42,478	17,614	21,796	609
45 to 64 years.....	49,339	11,510	12,065	24,399	1,285	45 to 64 years.....	34,555	14,874	5,172	10,796	163
65 years and over.....	11,321	3,521	1,018	6,562	216	65 years and over.....	6,538	3,248	608	2,517	16
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.1	13.0	18.3	0.9	9.2	Under 5 years.....	6.8	8.0	10.4	0.8	4.3
5 to 14 years.....	18.5	21.9	26.4	6.7	14.1	5 to 14 years.....	12.0	13.1	18.0	4.0	7.1
15 to 24 years.....	19.8	20.7	20.5	18.2	18.5	15 to 24 years.....	20.2	20.6	25.6	14.8	12.9
25 to 44 years.....	33.0	28.2	24.8	46.2	42.0	25 to 44 years.....	41.1	40.8	34.5	49.8	58.3
45 to 64 years.....	14.2	12.1	9.1	22.0	13.6	45 to 64 years.....	16.7	14.3	10.1	24.7	15.6
65 years and over.....	3.3	3.7	0.8	5.9	2.3	65 years and over.....	3.2	3.1	1.2	5.7	1.5
Oakland, Cal.						Providence, R. I.					
All ages, number.....	150,174	55,198	49,936	36,822	3,055	All ages, number.....	224,326	59,966	82,354	76,303	5,316
Under 5 years.....	12,585	6,320	5,592	185	216	Under 5 years.....	21,814	5,933	14,851	548	458
5 to 14 years.....	21,143	9,436	9,755	1,259	314	5 to 14 years.....	37,012	10,076	21,910	4,233	755
15 to 24 years.....	27,426	10,198	11,892	3,904	521	15 to 24 years.....	42,715	10,715	16,713	14,340	908
25 to 44 years.....	55,099	18,146	16,979	16,519	1,372	25 to 44 years.....	76,757	17,859	20,771	35,887	2,084
45 to 64 years.....	26,483	8,352	5,082	11,112	529	45 to 64 years.....	36,441	10,870	7,491	17,048	920
65 years and over.....	7,362	2,715	630	3,820	101	65 years and over.....	9,311	4,398	576	4,140	179
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.4	11.4	11.2	0.5	7.1	Under 5 years.....	9.7	9.9	18.0	0.7	8.6
5 to 14 years.....	14.1	17.1	19.5	3.4	10.3	5 to 14 years.....	16.5	16.8	26.6	5.5	14.2
15 to 24 years.....	18.3	18.5	23.8	10.6	17.1	15 to 24 years.....	19.0	17.9	20.3	18.8	17.1
25 to 44 years.....	36.7	32.9	34.0	44.9	44.9	25 to 44 years.....	34.2	29.8	25.2	47.0	39.2
45 to 64 years.....	17.6	15.1	10.2	30.2	17.3	45 to 64 years.....	16.2	18.1	9.1	22.3	17.3
65 years and over.....	4.9	4.9	1.3	10.4	3.3	65 years and over.....	4.2	7.3	0.7	5.4	3.4



## AGE DISTRIBUTION.

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DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals of all ages include persons of unknown age.]

Table 15—Continued.

Table 15—Continued.											
CITY AND AGE PERIOD.	All classes.	NATIVE WHITE.		Foreign-born white.	Negro.	CITY AND AGE PERIOD.	All classes.	NATIVE WHITE.		Foreign-born white.	Negro.
		Native parent-age.	Foreign or mixed parentage.					Native parent-age.	Foreign or mixed parentage.		
Richmond, Va.						Seattle, Wash.					
All ages, number.....	127,628	69,130	7,664	4,085	46,733	All ages, number.....	237,194	105,784	61,134	60,835	2,296
Under 5 years.....	11,602	6,832	724	27	4,019	Under 5 years.....	17,043	8,963	7,230	447	99
5 to 14 years.....	21,818	12,643	1,228	221	7,726	5 to 14 years.....	29,614	15,015	12,113	2,135	165
15 to 24 years.....	28,422	15,210	1,421	568	11,221	15 to 24 years.....	46,142	20,516	14,675	8,767	354
25 to 44 years.....	42,679	21,925	2,621	1,704	16,420	25 to 44 years.....	99,747	41,383	20,343	32,694	1,306
45 to 64 years.....	18,300	9,654	1,443	1,045	6,153	45 to 64 years.....	35,927	15,108	6,141	13,958	271
65 years and over.....	4,550	2,776	218	518	1,038	65 years and over.....	6,246	3,037	589	2,583	31
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.1	9.9	9.4	0.7	8.6	Under 5 years.....	7.2	8.5	11.8	0.7	4.3
5 to 14 years.....	17.1	18.3	16.0	5.4	16.5	5 to 14 years.....	12.5	14.2	19.8	3.5	7.2
15 to 24 years.....	22.3	22.0	18.5	13.9	24.0	15 to 24 years.....	19.5	19.4	24.0	14.4	15.4
25 to 44 years.....	33.4	31.7	34.2	41.7	35.1	25 to 44 years.....	42.1	39.1	33.3	53.7	56.9
45 to 64 years.....	14.3	14.0	18.8	25.6	13.2	45 to 64 years.....	15.1	14.3	10.0	22.9	11.8
65 years and over.....	3.6	4.0	2.8	12.7	2.2	65 years and over.....	2.6	2.9	1.0	4.2	1.4
Rochester, N. Y.						Spokane, Wash.					
All ages, number.....	218,149	74,525	83,687	58,993	879	All ages, number.....	104,402	54,574	27,277	21,220	723
Under 5 years.....	19,066	8,625	9,807	576	58	Under 5 years.....	9,066	5,895	2,912	213	37
5 to 14 years.....	33,903	14,513	16,117	3,162	109	5 to 14 years.....	15,104	9,113	5,160	757	64
15 to 24 years.....	43,939	16,389	17,865	9,813	179	15 to 24 years.....	29,685	11,098	6,373	2,972	118
25 to 44 years.....	74,917	22,526	26,687	25,295	370	25 to 44 years.....	40,620	19,323	9,553	11,056	388
45 to 64 years.....	36,705	9,393	12,323	14,830	151	45 to 64 years.....	15,724	7,332	2,991	5,151	101
65 years and over.....	9,463	3,024	1,161	5,263	12	65 years and over.....	2,745	1,484	260	986	11
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.7	11.6	11.7	1.0	6.6	Under 5 years.....	8.7	10.8	10.7	1.0	5.1
5 to 14 years.....	15.5	19.3	19.3	5.4	12.4	5 to 14 years.....	14.5	16.7	18.9	3.6	8.9
15 to 24 years.....	20.2	22.0	21.0	16.6	20.4	15 to 24 years.....	19.8	20.3	23.4	14.0	16.3
25 to 44 years.....	34.3	30.2	31.9	42.9	42.1	25 to 44 years.....	38.9	35.4	35.0	52.1	53.7
45 to 64 years.....	16.8	12.6	14.7	25.1	17.2	45 to 64 years.....	15.1	13.4	11.0	24.3	14.0
65 years and over.....	4.3	4.1	1.4	8.9	1.4	65 years and over.....	2.6	2.7	1.0	4.6	1.5
St. Louis, Mo.						Syracuse, N. Y.					
All ages, number.....	687,029	269,836	246,946	125,706	43,960	All ages, number.....	137,249	58,408	46,912	30,781	1,124
Under 5 years.....	60,100	26,902	19,672	825	2,685	Under 5 years.....	11,882	5,960	5,637	218	66
5 to 14 years.....	110,883	62,016	37,892	5,672	5,268	5 to 14 years.....	21,398	10,273	9,602	1,375	146
15 to 24 years.....	143,303	65,643	53,077	15,973	8,554	15 to 24 years.....	27,005	12,314	9,334	5,173	179
25 to 44 years.....	241,097	75,222	96,900	49,605	19,715	25 to 44 years.....	47,096	18,250	14,926	13,433	478
45 to 64 years.....	104,660	23,849	36,733	37,494	6,376	45 to 64 years.....	23,456	8,779	6,845	7,617	209
65 years and over.....	25,065	5,318	2,513	15,973	1,252	65 years and over.....	6,248	2,741	541	2,927	38
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.7	13.7	8.0	0.7	6.1	Under 5 years.....	8.7	10.2	12.0	0.7	5.9
5 to 14 years.....	16.1	23.0	15.3	4.5	12.0	5 to 14 years.....	15.6	17.6	20.5	4.5	13.0
15 to 24 years.....	20.9	24.3	21.5	12.7	19.5	15 to 24 years.....	19.7	21.1	19.9	16.8	15.9
25 to 44 years.....	35.2	27.9	39.2	39.5	44.8	25 to 44 years.....	34.3	31.2	31.8	43.6	42.5
45 to 64 years.....	15.2	8.8	14.9	29.8	14.5	45 to 64 years.....	17.1	15.0	14.6	24.7	18.6
65 years and over.....	3.6	2.0	1.0	12.7	2.8	65 years and over.....	4.6	4.7	1.2	9.5	3.4
St. Paul, Minn.						Toledo, Ohio.					
All ages, number.....	214,744	61,594	93,398	56,524	3,144	All ages, number.....	168,497	75,147	59,383	32,037	1,877
Under 5 years.....	18,426	7,980	9,952	326	164	Under 5 years.....	15,891	8,834	6,778	164	114
5 to 14 years.....	35,084	12,193	20,664	1,937	289	5 to 14 years.....	29,014	14,708	12,707	1,377	217
15 to 24 years.....	50,147	14,748	27,602	7,262	509	15 to 24 years.....	33,147	15,444	13,456	3,900	342
25 to 44 years.....	73,742	19,137	27,418	25,467	1,681	25 to 44 years.....	56,543	23,708	18,664	13,333	814
45 to 64 years.....	30,900	6,198	7,292	16,966	430	45 to 64 years.....	27,085	9,904	7,128	9,716	319
65 years and over.....	6,316	1,283	434	4,529	70	65 years and over.....	6,757	2,516	640	3,533	68
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.6	13.0	10.7	0.6	5.2	Under 5 years.....	9.4	11.8	11.4	0.5	6.1
5 to 14 years.....	16.3	19.8	22.1	3.4	9.2	5 to 14 years.....	17.2	19.6	21.4	4.3	11.6
15 to 24 years.....	23.4	23.9	29.6	12.8	16.2	15 to 24 years.....	19.7	20.6	22.7	12.2	18.2
25 to 44 years.....	34.3	31.1	29.4	45.1	53.5	25 to 44 years.....	33.6	31.5	31.4	41.6	43.4
45 to 64 years.....	14.4	10.1	7.8	30.0	13.7	45 to 64 years.....	16.1	13.2	12.0	30.3	17.0
65 years and over.....	2.9	2.1	0.5	8.0	2.2	65 years and over.....	4.0	3.3	1.1	11.0	3.6
San Francisco, Cal.						Washington, D. C.					
All ages, number.....	416,912	115,359	153,781	130,874	1,642	All ages, number.....	331,069	166,711	45,066	24,351	34,446
Under 5 years.....	29,178	12,768	15,180	562	101	Under 5 years.....	26,669	15,476	3,746	139	7,290
5 to 14 years.....	49,730	19,135	26,032	3,559	126	5 to 14 years.....	49,961	27,806	6,739	982	14,403
15 to 24 years.....	78,954	25,185	34,859	15,552	302	15 to 24 years.....	62,536	32,078	7,539	2,893	19,953
25 to 44 years.....	170,442	40,470	59,824	62,972	797	25 to 44 years.....	119,376	55,676	17,222	10,463	35,790
45 to 64 years.....	68,642	13,277	16,347	35,833	244	45 to 64 years.....	54,275	25,962	8,268	6,329	13,580
65 years and over.....	16,028	3,111	1,318	11,428	64	65 years and over.....	17,017	9,128	1,484	3,439	2,957
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.0	11.1	9.9	0.4	6.2	Under 5 years.....	8.1	9.3	8.3	0.6	7.7
5 to 14 years.....	11.9	16.6	16.9	2.7	7.7	5 to 14 years.....	15.1	16.7	15.0	4.0	15.2
15 to 24 years.....	18.9	21.8	22.7	11.9	18.4	15 to 24 years.....	18.9	19.2	16.7	11.9	21.1
25 to 44 years.....	40.9	35.1	38.9	48.1	48.5	25 to 44 years.....	36.1	33.4	38.2	43.0	37.9
45 to 64 years.....	16.5	11.5	10.6	27.4	14.9	45 to 64 years.....	16.4	15.6	18.3	26.0	14.4
65 years and over.....	3.8	2.7	0.9	8.7	3.9	65 years and over.....	5.1	5.5	3.3	14.1	3.1
Scranton, Pa.						Worcester, Mass.					
All ages, number.....	129,867	38,745	55,431	35,112	567	All ages, number.....	145,986	41,421	54,751	48,492	1,241
Under 5 years.....	15,348	6,193	8,832	283	37	Under 5 years.....	14,492	4,363	9,705	318	104
5 to 14 years.....	26,261	9,600	14,010	1,662	88	5 to 14 years.....	24,976	7,190	15,422	2,167	194
15 to 24 years.....	26,952	8,294	13,073	5,471	113	15 to 24 years.....	27,833	7,154	12,041	8,436	194
25 to 44 years.....	40,867	9,797	14,179	16,640	245	25 to 44 years.....	49,181	11,760	13,160	23,761	446
45 to 64 years.....	16,632	3,876	4,129	8,549	77	45 to 64 years.....	23,095	7,738	4,137	10,973	235
65 years and over.....	3,694	944	282	2,461	7	65 years and over.....	6,285	3,149	273	2,796	66
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.8	16.0	15.9	0.8	6.5	Under 5 years.....	9.9	10.5	17.7	0.7	8.4
5 to 14 years.....	20.2	24.8	26.9	4.7	15.5	5 to 14 years.....	17.1	17.4	28.2	4.5	15.6
15 to 24 years.....	20.8	21.4	23.6	15.6	19.9	15 to 24 years.....	19.1	17.3	22.0	17.4	15.6
25 to 44 years.....	31.5	25.3	25.6	47.4	43.2	25 to 44 years.....	33.7	28.4	24.0	49.0	35.9
45 to 64 years.....	12.8	10.0	7.4	24.3	13.6	45 to 64 years.....	15.8	18.7	7.6	22.6	18.9
65 years and over.....	2.8	2.4	0.5	7.0	1.2	65 years and over.....	4.3	7.6	0.5	5.8	5.3



## DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

Table 16	AGE PERIODS.						CITY.	AGE PERIODS.					
	Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.		Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.
<b>Alabama</b>							<b>Massachusetts</b>						
Mobile.....	4,635	9,129	10,543	17,982	7,174	1,810	Brockton.....	5,342	9,213	10,938	19,548	9,513	2,282
Montgomery.....	3,373	6,729	7,986	12,853	5,814	1,291	Brookline town.....	1,769	3,593	5,064	10,277	5,448	1,601
<b>Arkansas</b>							Chelsea.....	3,654	6,008	6,250	10,320	4,610	1,588
Little Rock.....	4,107	7,294	10,138	16,740	6,226	1,344	Chicopee.....	3,371	5,028	5,223	7,932	2,996	808
<b>California</b>							Everett.....	3,474	6,256	6,022	10,796	5,513	1,419
Berkeley.....	3,236	5,939	8,082	13,810	7,364	1,980	Fitchburg.....	4,105	6,962	7,734	11,717	5,669	1,592
Pasadena.....	2,039	4,109	4,863	9,965	6,700	2,533	Haverhill.....	4,062	7,192	8,129	14,304	7,822	2,588
Sacramento.....	3,080	5,376	8,540	18,193	7,578	1,874	Holyoke.....	6,002	11,488	12,618	17,976	7,790	1,812
San Diego.....	2,689	5,288	6,724	12,917	8,503	3,088	Lawrence.....	9,317	14,982	17,952	29,107	11,820	2,691
San Jose.....	2,256	4,179	5,260	9,680	5,591	1,939	Lynn.....	8,195	13,356	17,032	31,385	15,140	4,131
<b>Colorado</b>							Malden.....	4,484	8,319	7,947	14,057	7,442	2,132
Colorado Springs.....	2,125	4,634	5,334	10,198	5,429	1,228	New Bedford.....	10,700	17,160	19,686	31,416	13,963	3,703
Pueblo.....	4,321	7,290	8,218	16,641	6,532	1,146	Newton.....	3,400	6,649	7,282	13,137	6,954	2,277
<b>Connecticut</b>							Pittsfield.....	3,057	5,189	6,204	11,144	5,095	1,421
Hartford.....	9,565	16,535	18,610	34,996	15,105	4,012	Quincy.....	3,502	6,246	5,898	10,625	5,074	1,289
Meriden town.....	3,039	5,955	6,266	9,670	5,421	1,679	Salem.....	4,726	7,913	8,245	13,460	6,951	2,328
Meriden city.....	2,607	5,014	5,320	8,353	4,563	1,376	Somerville.....	7,433	12,887	12,866	26,469	13,511	3,947
New Britain.....	5,282	8,007	9,425	14,097	5,171	1,285	Springfield.....	8,292	14,135	16,822	31,148	14,162	4,289
Norwich town.....	2,574	4,972	5,291	8,610	4,988	1,767	Taunton.....	3,522	5,915	6,339	10,695	5,843	1,925
Stamford town.....	3,045	5,010	5,427	9,463	4,649	1,218	Waltham.....	2,234	4,553	5,446	9,304	4,830	1,445
Stamford city.....	2,768	4,497	4,832	8,284	3,810	917	<b>Michigan</b>						
Waterbury.....	8,385	13,674	14,853	25,000	9,308	1,872	Battle Creek.....	2,027	3,506	4,809	8,828	4,678	1,262
<b>Delaware</b>							Bay City.....	5,020	9,027	9,241	12,576	7,238	2,050
Wilmington.....	8,569	14,753	17,388	28,673	14,235	3,625	Flint.....	3,450	4,849	9,681	13,969	5,306	1,289
<b>Florida</b>							Jackson.....	2,541	4,624	5,815	10,868	5,873	1,684
Jacksonville.....	4,843	8,836	12,692	22,673	6,829	1,371	Kalamazoo.....	3,440	5,678	7,854	12,589	7,027	2,121
Tampa.....	4,523	7,026	8,239	13,097	4,113	681	Lansing.....	2,586	4,511	7,083	10,752	4,900	1,366
<b>Georgia</b>							Saginaw.....	4,706	8,481	10,343	15,677	8,647	2,591
Augusta.....	3,508	6,860	9,005	14,340	5,843	1,395	<b>Minnesota</b>						
Macon.....	3,875	7,511	8,905	13,371	5,318	1,242	Duluth.....	7,486	13,081	16,811	28,871	10,378	1,496
Savannah.....	6,008	11,168	13,880	23,939	8,274	1,686	<b>Missouri</b>						
<b>Illinois</b>							Joplin.....	3,624	5,908	6,374	10,675	4,623	1,029
Aurora.....	2,612	4,878	5,981	9,510	4,909	1,568	St. Joseph.....	6,654	12,273	16,398	26,928	12,046	3,201
Bloomington.....	2,057	3,992	5,144	8,160	4,736	1,069	Springfield.....	3,448	6,259	7,678	10,931	5,353	1,388
Danville.....	2,497	4,963	5,335	9,222	4,530	1,315	<b>Montana</b>						
Decatur.....	2,744	5,288	6,160	10,611	5,320	1,547	Butte.....	3,439	5,902	6,918	17,030	5,086	628
East St. Louis.....	6,032	9,801	12,432	21,761	7,160	1,256	<b>Nebraska</b>						
Elgin.....	1,909	4,066	4,989	8,341	5,146	1,433	Lincoln.....	4,317	6,730	9,417	14,275	7,130	1,880
Joliet.....	3,738	6,160	7,126	11,648	4,740	1,230	South Omaha.....	3,165	5,234	5,514	8,049	3,177	498
Peoria.....	5,338	10,248	13,272	24,072	10,979	2,925	<b>New Hampshire</b>						
Quincy.....	2,838	5,831	7,426	11,397	6,644	2,490	Manchester.....	6,848	12,063	15,475	21,444	10,758	2,817
Rockford.....	3,828	7,464	9,384	14,844	7,516	2,323	Nashua.....	2,511	4,549	5,492	7,960	4,183	1,287
Springfield.....	4,755	8,920	9,834	17,367	8,264	2,432	<b>New Jersey</b>						
<b>Indiana</b>							Atlantic City.....	3,708	6,721	8,330	18,575	7,179	1,429
Evansville.....	6,150	11,654	14,462	22,988	11,459	2,878	Bayonne.....	7,755	11,842	11,150	17,681	5,976	1,117
Fort Wayne.....	5,441	10,943	13,379	21,211	10,209	2,668	Camden.....	9,971	16,930	18,205	30,227	15,296	3,773
South Bend.....	6,320	9,514	10,887	17,533	7,636	1,754	East Orange.....	2,765	5,158	6,185	12,490	5,998	1,750
Terre Haute.....	5,052	9,923	11,667	19,774	9,345	2,310	Elizabeth.....	8,687	13,773	14,670	24,698	9,607	2,252
<b>Iowa</b>							Hoboken.....	7,160	13,415	13,978	23,926	9,855	1,923
Cedar Rapids.....	2,894	5,278	6,743	11,041	5,407	1,414	Orange.....	3,301	5,529	5,677	9,624	4,447	1,016
Clinton.....	2,140	4,325	5,345	7,795	4,429	1,530	Passaic.....	7,317	9,742	14,254	17,361	5,063	982
Council Bluffs.....	2,736	5,296	5,997	9,297	4,701	1,277	Perth Amboy.....	4,668	6,445	6,577	10,424	3,424	562
Davenport.....	3,634	7,163	8,310	14,200	7,318	2,375	Trenton.....	9,259	16,864	19,962	31,805	14,744	3,461
Des Moines.....	7,850	14,235	17,308	29,477	13,584	3,681	West Hoboken town.....	3,750	7,157	6,873	11,740	4,932	938
Dubuque.....	3,191	6,553	7,812	12,226	6,573	2,124	<b>New York</b>						
Sioux City.....	4,019	7,757	10,708	16,707	7,019	1,538	Amsterdam.....	3,258	4,635	7,207	10,343	4,565	1,246
Waterloo.....	2,547	4,196	5,806	9,086	3,840	1,129	Auburn.....	2,962	4,691	6,712	12,041	6,243	2,012
<b>Kansas</b>							Binghamton.....	3,691	6,679	8,948	16,256	9,772	3,033
Kansas City.....	8,264	14,790	17,018	27,133	12,048	2,682	Etnira.....	2,644	5,283	8,051	11,967	7,082	2,170
Topeka.....	3,738	6,717	9,143	13,768	7,693	2,575	Jamestown.....	2,756	4,924	6,311	10,247	5,279	1,683
Wichita.....	4,455	8,188	11,309	17,585	8,396	2,348	Kingston.....	2,119	4,430	5,236	7,865	4,812	1,435
<b>Kentucky</b>							Mount Vernon.....	3,064	5,675	5,730	10,218	4,933	1,276
Covington.....	4,851	9,185	11,090	17,181	8,718	2,217	New Rochelle.....	3,121	5,198	5,780	10,034	3,826	877
Lexington.....	2,504	5,267	6,880	12,237	6,390	1,783	Newburgh.....	2,173	4,622	5,246	9,038	1,621	1,621
Newport.....	2,740	5,230	6,149	10,070	4,847	1,259	Niagara Falls.....	3,279	4,853	6,130	11,245	4,053	848
<b>Louisiana</b>							Poughkeepsie.....	2,313	4,154	5,162	9,132	5,274	1,834
Shreveport.....	2,546	4,965	6,040	10,238	3,403	779	Schenectady.....	7,859	12,122	13,545	27,509	9,511	2,150
<b>Maine</b>							Troy.....	5,839	11,962	15,031	25,684	14,272	4,007
Lewiston.....	2,569	4,908	5,418	7,627	4,424	1,232	Utica.....	7,070	12,093	14,675	24,442	12,349	3,708
Portland.....	4,811	8,710	10,604	19,714	10,906	3,681	Watertown.....	2,295	4,037	4,892	9,081	4,848	1,511
							Yonkers.....	8,978	15,029	16,552	26,928	10,087	2,186



## AGE DISTRIBUTION.

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DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

Table 16—Continued.													
CITY.	AGE PERIODS.						CITY.	AGE PERIODS.					
	Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.		Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.
<b>North Carolina</b>							<b>South Carolina</b>						
Charlotte.....	3,981	6,702	7,706	10,532	4,120	896	Charleston.....	5,666	10,756	12,698	19,441	7,987	2,042
Wilmington.....	2,827	4,745	5,375	7,936	3,500	872	Columbia.....	2,570	4,600	5,962	8,969	3,235	743
<b>Ohio</b>							<b>Tennessee</b>						
Akron.....	6,758	10,393	15,164	24,198	10,135	2,353	Chattanooga.....	3,937	7,154	10,145	16,244	5,670	1,235
Canton.....	4,589	8,026	10,379	17,468	7,727	1,960	Knoxville.....	3,187	6,251	8,646	11,986	4,989	1,066
Hamilton.....	3,436	6,317	6,989	11,430	5,493	1,608	<b>Texas</b>						
Lima.....	2,885	5,356	6,218	10,089	4,786	1,137	Austin.....	2,607	5,567	6,368	8,942	4,543	1,646
Lorain.....	3,892	5,304	5,490	10,598	3,169	484	Dallas.....	8,048	15,321	20,308	33,610	12,125	2,519
Newark.....	2,136	4,112	4,898	8,702	4,355	1,176	El Paso.....	4,445	7,700	7,588	13,535	4,753	886
Springfield.....	3,975	7,516	9,260	15,011	8,596	2,337	Fort Worth.....	6,950	12,788	16,164	26,680	8,848	1,555
Youngstown.....	8,873	13,078	16,629	29,257	9,187	1,874	Galveston.....	3,232	6,299	7,461	13,433	5,290	1,234
Zanesville.....	2,403	4,306	5,333	9,290	5,002	1,398	Houston.....	6,781	13,167	17,348	28,647	10,414	2,113
<b>Oklahoma</b>							San Antonio.....	9,977	18,681	20,620	30,896	12,889	3,247
Muskogee.....	2,358	4,207	5,435	9,552	3,043	454	Waco.....	2,552	5,343	5,788	8,141	3,445	869
Oklahoma City.....	5,671	9,356	14,419	25,263	7,961	1,409	<b>Utah</b>						
<b>Pennsylvania</b>							Ogden.....	3,068	5,133	5,299	7,741	3,534	767
Allentown.....	5,455	8,779	10,574	16,625	8,184	2,259	Salt Lake City.....	10,451	16,976	18,880	30,396	12,532	3,022
Altoona.....	5,705	9,528	10,314	17,185	7,494	1,855	<b>Virginia</b>						
Chester.....	3,707	6,616	7,776	12,947	5,912	1,532	Lynchburg.....	3,095	5,327	7,012	8,989	3,997	993
Easton.....	2,471	4,552	5,455	9,196	5,211	1,636	Norfolk.....	6,198	11,235	14,459	24,405	9,024	1,978
Erie.....	7,263	12,392	12,520	21,201	9,974	2,992	Portsmouth.....	3,343	5,857	7,862	10,994	4,204	918
Harrisburg.....	5,554	10,054	12,411	22,461	10,775	2,892	Roanoke.....	3,865	6,705	7,967	11,281	4,082	880
Hazleton.....	3,248	5,770	5,181	7,172	3,334	725	<b>Washington</b>						
Johnstown.....	6,810	9,767	12,284	18,675	6,493	1,410	Tacoma.....	7,094	12,685	16,533	30,111	13,008	2,619
Lancaster.....	4,233	7,933	9,114	14,465	8,776	2,696	<b>West Virginia</b>						
McKeesport.....	5,298	8,820	8,947	13,614	5,077	920	Huntington.....	3,302	6,068	6,962	9,882	4,090	834
New Castle.....	4,184	6,298	7,193	12,594	4,884	1,179	Wheeling.....	3,868	7,047	8,290	14,053	6,720	1,589
Norristown borough.....	2,350	4,182	5,131	8,854	5,563	1,740	<b>Wisconsin</b>						
Reading.....	9,543	16,566	18,957	31,020	15,799	4,169	Green Bay.....	2,965	5,193	5,033	7,710	3,224	1,102
Shenandoah borough.....	3,925	5,652	5,277	8,139	2,351	388	La Crosse.....	2,658	5,547	6,609	9,012	4,940	1,543
Wilkes-Barre.....	7,755	13,473	14,055	20,901	8,895	1,958	Madison.....	2,248	3,945	5,558	8,472	4,056	1,216
Williamsport.....	2,722	5,384	6,210	9,908	5,903	1,694	Oshkosh.....	3,343	6,226	6,670	9,539	5,424	1,847
York.....	4,315	7,848	8,830	14,122	7,423	2,301	Racine.....	3,785	6,657	8,013	12,337	5,655	1,519
<b>Rhode Island</b>							Sheboygan.....	2,883	5,176	5,580	7,539	4,093	1,100
Newport.....	2,235	4,043	6,762	8,498	4,257	1,321	Superior.....	4,362	7,668	7,810	15,111	4,785	632
Pawtucket.....	4,874	9,524	10,149	16,738	8,198	2,065							
Warwick town.....	2,786	5,296	5,185	7,867	4,225	1,261							
Woonsocket.....	4,277	7,789	8,426	11,300	5,112	1,203							



## MARITAL CONDITION.

## UNITED STATES AS A WHOLE.

In the census statistics of marital condition, the terms "married," "widowed," or "divorced" refer to the marital status of the person enumerated at the time when the census was taken, so that a person, for instance, who had been widowed or divorced but had remarried would be reported as married.

Table 17 shows, by sex, the marital condition of the total population of the United States (exclusive of all outlying possessions) as reported at the census of 1910.

MARITAL CONDITION.	POPULATION OF ALL AGES: 1910			
	Male.		Female.	
	Number.	Per cent of total.	Number.	Per cent of total.
Total.....	47,332,277	100.0	44,639,989	100.0
Single.....	27,455,607	58.0	23,522,121	52.7
Married, widowed, or divorced.....	19,721,146	41.7	21,049,096	47.2
Married.....	18,093,498	38.2	17,688,169	39.6
Widowed.....	1,471,472	3.1	3,176,426	7.1
Divorced.....	156,176	0.3	185,101	0.4
Marital condition not reported.....	155,524	0.3	68,172	0.2

Of the total number of males of all ages in 1910, 58 per cent were single, 38.2 per cent married, and 3.4 per cent widowed or divorced, the corresponding percentages for females being 52.7, 39.6, and 7.5.

The number of persons under 15 years of age who are married, widowed, or divorced is naturally insignificant, comprising in 1910 only 994 males and 3,713 females. Statistics of marital condition are, therefore, usually confined to persons 15 years of age and over. Table 18 summarizes the data for persons of this class.

MARITAL CONDITION.	POPULATION 15 YEARS OF AGE AND OVER: 1910			
	Male.		Female.	
	Number.	Per cent of total.	Number.	Per cent of total.
Total.....	32,425,805	100.0	30,047,325	100.0
Single.....	12,550,129	38.7	8,933,170	29.7
Married, widowed, or divorced.....	19,720,132	60.8	21,045,983	70.0
Married.....	18,092,600	55.8	17,684,687	58.9
Widowed.....	1,471,390	4.5	3,176,228	10.6
Divorced.....	156,162	0.5	185,068	0.6
Marital condition not reported.....	155,524	0.5	68,172	0.2

There were, in 1910, 32,425,805 males 15 years of age and over and 30,047,325 females, an excess of 2,378,480 males. The number of males to 100 females was 107.9. This excess of males in the adult population of the United States has a most important bearing upon the statistics of marital condition. It accounts in part for the fact that there were 12,550,129 single men, as compared with 8,933,170 single women, or 3,616,959 more of the former than of the

latter. But a further explanation of this disproportion is found in the fact that women marry at an earlier age; in other words, men remain single longer than women, therefore there are more single men at any given time.

Other things being the same, the proportion of the total population who marry will be greater in a community where the sexes are numerically equal than in one where either sex outnumbers the other. In the latter case it is obvious that a certain number of persons of the sex which is in excess must remain single. Considering one sex alone, however, it is obvious that the probability of marriage will increase in proportion as that sex falls below a numerical equality with the other sex and decrease in proportion as it exceeds the other.

Probably remarriage is more common among men than among women, and this may explain in part the great excess of widows over widowers. But without doubt the excess is largely due to the fact that men usually marry at a later age than women, so that the marriage relation is more often broken by death of the husband than by death of the wife. In other words, the excess of single men over single women has as a natural correlative an excess of widows over widowers.

It will be noted that in the population 15 years of age and over, there were, in 1910, 407,913 more married men than married women (18,092,600 as compared with 17,684,687), a condition largely explainable by the presence in the United States of foreign-born married men who left their wives in their native countries. The total number of men 15 years of age and over who in 1910 had been married (that is, the married, widowed, or divorced together) was 19,720,152, or considerably less than the number of the corresponding class of women, 21,045,983.

Marked differences appear between the percentages for males and for females, as shown by Table 18. Of the males, 60.8 per cent were either married, widowed, or divorced, while for the females the proportion was much higher, 70 per cent. Although there were, in absolute numbers, more married men than married women, the percentage married for males (55.8), being based on a larger total, was materially lower than that for females (58.9). The percentages widowed for males and for females were 4.5 and 10.6, respectively. The proportions reported as divorced were 0.5 per cent for males and 0.6 per cent for females.

The number of divorced persons reported by the census, of course, falls short of the number of living persons who have been divorced, as many divorced persons have remarried, and the census, as previously pointed out, reports simply the marital condition of the population at the date of the enumeration. At



the same time it seems practically certain that the census returns as to the number of divorced persons not remarried are below the true total, some divorced persons having been reported as single, some as married, and some as widowed.

It will be noted that there were a limited number of persons whose marital condition was not reported by the enumerators. The number and percentage of such persons are not separately shown in the later tables, as they constitute only 0.2 per cent of the aggregate population. They are in all cases included in the totals on which the percentages single, married, widowed, or divorced are based, but the percentages would not be appreciably different if based exclusively upon the number of persons whose marital condition was reported.

**Age groups.**—No satisfactory analysis of statistics of marital condition can be made without considering age composition. Aside from differences in the relative number of men and women in the population, the proportion which the number of persons who are or have been married forms of the total number of adults depends on three factors: (1) the age at which marriages take place; (2) the duration of life; and (3) the number who permanently remain single. Ordinarily the first factor has greater weight than the others in causing the differences which appear in the statistics for different classes or communities. Of course, in all cases the combined proportion of married, widowed, or divorced persons is lower among young than among older persons. Consequently differences between classes or communities as to the proportion married, widowed, and divorced in the total number of adults may result merely from differences in age distribution and may not appear when comparisons are confined to limited age groups.

Table 19 shows, for 1910, the marital condition of the total population 15 years of age and over, classified by sex and age. The percentages are shown in the accompanying diagram.

This table shows a rapid increase in the combined percentage of married, widowed, or divorced persons with each older age group. For males, for example, only 1.2 per cent in the age group 15 to 19 years were married, widowed, or divorced, as compared with 24.6 per cent in the age group 20 to 24 years, 64.7 per cent in the age group 25 to 34 years, and 93.5 per cent in the group 65 years of age and over.

This table brings out clearly the prevailing difference between men and women as to the age of marriage. In the age group 15 to 19 years the proportion married, widowed, or divorced in 1910 was for males 1.2 per cent and for females 11.6 per cent. In the age group 20 to 24 years the percentages were 24.6 for males and 51.4 for females. In the succeeding age groups the proportions for the sexes rapidly approach equality, and for persons of 65 and over the percentage of males married, widowed, or divorced (93.5) was slightly higher than the percentage of females (93.4).

Table 19

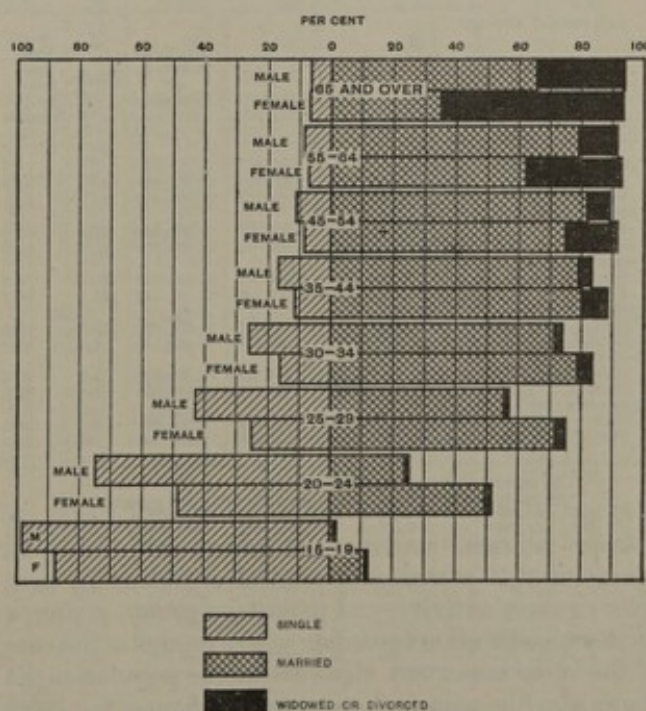
Table 19		POPULATION: 1910				
AGE PERIOD AND SEX.	Married, widowed, or divorced.					
	Total. <sup>1</sup>	Single.	Total.	Married.	Wid-owed.	Di-voiced.
Number.						
15 years and over: <sup>2</sup>						
Male.....	32,425,806	12,550,129	19,720,152	18,092,600	1,471,390	116,162
Female.....	30,047,325	8,933,170	21,045,983	17,684,687	3,176,228	185,068
15 to 19 years:						
Male.....	4,527,282	4,448,067	53,334	51,877	1,110	347
Female.....	4,536,321	3,985,764	527,150	513,239	10,261	3,660
20 to 24 years:						
Male.....	4,580,290	3,432,161	1,125,640	1,100,093	18,815	6,732
Female.....	4,476,694	2,163,683	2,301,086	2,225,362	55,354	20,370
25 to 34 years:						
Male.....	7,901,116	2,767,957	5,109,771	4,964,769	110,431	34,571
Female.....	7,251,072	1,516,726	5,725,483	5,443,894	224,327	57,262
35 to 44 years:						
Male.....	6,153,366	1,026,502	5,114,542	4,873,153	198,701	42,688
Female.....	5,504,321	628,516	4,871,475	4,410,310	411,896	49,269
45 to 64 years:						
Male.....	7,163,332	722,701	6,428,449	5,771,630	598,642	58,177
Female.....	6,260,757	499,564	5,755,469	4,383,497	1,324,838	47,134
65 years and over:						
Male.....	1,985,976	123,322	1,855,901	1,303,768	539,058	13,075
Female.....	1,963,548	124,223	1,834,796	687,335	1,140,558	6,903
Per cent.						
15 years and over: <sup>2</sup>						
Male.....	100.0	38.7	60.8	55.8	4.5	0.5
Female.....	100.0	29.7	70.0	58.9	10.6	0.6
15 to 19 years:						
Male.....	100.0	98.3	1.2	1.1	(*)	(*)
Female.....	100.0	87.9	11.6	11.3	0.2	0.1
20 to 24 years:						
Male.....	100.0	74.9	24.6	24.0	0.4	0.1
Female.....	100.0	48.3	51.4	49.7	1.2	0.5
25 to 34 years:						
Male.....	100.0	35.0	64.7	62.8	1.4	0.4
Female.....	100.0	20.9	79.0	75.1	3.1	0.8
35 to 44 years:						
Male.....	100.0	16.7	83.1	79.2	3.2	0.7
Female.....	100.0	11.4	88.5	80.1	7.5	0.9
45 to 64 years:						
Male.....	100.0	10.1	89.7	80.6	8.4	0.8
Female.....	100.0	8.0	91.9	70.0	21.2	0.8
65 years and over:						
Male.....	100.0	6.2	93.5	65.6	27.1	0.7
Female.....	100.0	6.3	93.4	35.0	58.1	0.4

<sup>1</sup> Total includes persons whose marital condition was not reported.

<sup>2</sup> Includes persons of unknown age.

<sup>3</sup> Less than one-tenth of 1 per cent.

## MARITAL CONDITION OF THE POPULATION: 1910.





The differences between the absolute numbers of males and of females, respectively, in the several marital condition classes in the various age groups, as shown by Table 19, are conspicuous. In each of the age groups, except that comprising persons 65 years of age and over, the number of single men in 1910 greatly exceeded the number of single women. On the other hand, in the groups comprising persons from 15 to 34 years of age, the number of married females materially exceeded the number of married males, but the opposite was the case in the groups comprising persons 35 years of age and over. In every age group the widows greatly outnumbered the widowers.

The relation between the number of males and females in the different classes is brought out more clearly in Table 20, which shows, by age groups, the number of males to 100 females in the total population and among single and married, widowed, or divorced persons, respectively.

AGE PERIOD.	NUMBER OF MALES PER 100 FEMALES.		
	Total.	Single.	Married, widowed, or divorced.
15 years and over.....	107.9	140.5	93.7
15 to 19 years.....	99.8	111.6	10.1
20 to 24 years.....	102.3	158.6	48.9
25 to 34 years.....	109.0	182.5	89.2
35 to 44 years.....	111.8	163.3	105.0
45 to 64 years.....	114.4	144.7	111.7
65 years and over.....	101.1	99.3	101.2

Table 21 shows the marital condition of the population above specified age limits.

AGE PERIOD AND SEX.	POPULATION 15 YEARS OF AGE AND OVER: <sup>1</sup> 1910				
	Number.			Per cent.	
	Total. <sup>2</sup>	Single.	Married, widowed, or divorced.	Single.	Married, widowed, or divorced.
15 years and over:					
Male.....	32,311,362	12,520,710	19,687,637	38.8	60.9
Female.....	29,992,713	8,918,476	21,015,459	29.7	70.1
20 years and over:					
Male.....	27,784,080	8,072,643	19,634,303	29.1	70.7
Female.....	25,456,392	4,932,712	20,488,309	19.4	80.5
25 years and over:					
Male.....	23,203,790	4,640,482	18,508,663	20.0	79.8
Female.....	20,979,698	2,769,029	18,187,223	13.2	86.7
35 years and over:					
Male.....	15,302,674	1,872,525	13,398,892	12.2	87.6
Female.....	13,728,626	1,252,303	12,461,740	9.1	90.8
45 years and over:					
Male.....	9,149,308	846,023	8,284,350	9.2	90.5
Female.....	8,224,305	623,787	7,590,265	7.6	92.3
65 years and over:					
Male.....	1,985,976	123,322	1,855,901	6.2	93.5
Female.....	1,963,548	124,223	1,834,796	6.3	93.4

<sup>1</sup> Exclusive of persons of unknown age.

<sup>2</sup> Includes persons whose marital condition was not reported.

Color or race, nativity, and parentage.—Table 23 shows for 1910 statistics of marital condition for each color or race, nativity, and parentage group, giving a further classification according to age groups in the case of the more important elements in the population; it shows also the principal comparative figures for 1900.

Table 22, which is derived from Table 23, summarizes the statistics for the white population, classified by nativity and parentage, and for the negroes.<sup>1</sup>

Table 22  CLASS OF POPULATION AND SEX.	POPULATION 15 YEARS OF AGE AND OVER: 1910					
	Total. <sup>1</sup>	Single.	Married, widowed, or divorced.			
			Total.	Married.	Wid- owed.	Di- vorced.
Number.						
Total:						
Male.....	32,425,805	12,550,129	19,720,152	18,092,600	1,471,390	156,162
Female.....	30,047,325	8,933,170	21,045,983	17,684,687	3,176,228	185,068
Nat. white—Nat. parentage:						
Male.....	16,233,095	6,185,324	9,960,438	9,144,099	728,883	87,456
Female.....	15,523,900	4,644,122	10,842,998	9,219,385	1,523,560	100,053
Nat. white—For. or mixed par.:						
Male.....	5,785,137	2,906,042	2,863,173	2,677,706	160,779	24,688
Female.....	5,887,131	2,453,017	3,421,147	3,008,623	382,318	30,206
For.-born white:						
Male.....	7,139,893	2,268,916	4,839,920	4,432,135	384,726	23,059
Female.....	5,446,306	994,110	4,444,657	3,624,003	800,112	20,542
Negro:						
Male.....	3,059,312	1,083,472	1,939,344	1,749,228	189,970	20,146
Female.....	3,103,344	823,996	2,269,066	1,775,949	459,831	33,286
Per cent.						
Total:						
Male.....	100.0	38.7	60.8	55.8	4.5	0.5
Female.....	100.0	29.7	70.0	58.9	10.6	0.6
Nat. white—Nat. parentage:						
Male.....	100.0	38.1	61.4	56.3	4.5	0.5
Female.....	100.0	29.9	69.8	59.4	9.8	0.6
Nat. white—For. or mixed par.:						
Male.....	100.0	50.2	49.5	46.3	2.8	0.4
Female.....	100.0	41.7	58.1	51.1	6.5	0.5
For.-born white:						
Male.....	100.0	31.8	67.8	62.1	5.4	0.3
Female.....	100.0	18.3	81.6	66.5	14.7	0.4
Negro:						
Male.....	100.0	35.4	64.0	57.2	6.2	0.7
Female.....	100.0	26.6	73.1	57.2	14.8	1.1

<sup>1</sup> Includes persons whose marital condition was not reported.

This table shows that the excess of males in the total population 15 years of age and over is chiefly due to the marked excess of males among the foreign-born whites, although there is an appreciable excess of males also among the native whites of native parentage. For this and other reasons the distribution of the foreign-born whites with respect to marital condition differs materially from that of the other classes.

This table of course gives no direct information with regard to intermarriage among the three groups of white persons, but, beyond question, the three classes, native whites of native parentage, native whites of foreign or mixed parentage, and foreign-born whites, intermarry more or less; consequently there is not necessarily an equality between the number of married males and the number of married females within any one group.

<sup>1</sup> The limited number of Indians, Chinese, and Japanese, and "other" persons may be passed over without discussion further than to point out that the marital condition among the Indians corresponds approximately to that among the negroes, while that among the Chinese and Japanese in this country is quite exceptional, the combined proportion married, widowed, or divorced among these races being very low in the case of males and very high in the case of females. Most of the married Chinese and Japanese men, however, have left their wives in their home countries, and the total number of women of these races in the United States is exceedingly small.



## MARITAL CONDITION.

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## MARITAL CONDITION OF THE POPULATION OF THE UNITED STATES: 1910.

[Per cent not shown where base is less than 100.]

Table 23

MALES 15 YEARS OF AGE AND OVER.

FEMALES 15 YEARS OF AGE AND OVER.

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.						
	Total. <sup>1</sup>	Single.		Married.		Divorced.	Total. <sup>1</sup>	Single.		Married.		Divorced.	
		Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.		
ALL CLASSES: 1910.													
All ages, 1910	47,332,277	27,455,607	58.0	18,093,498	38.2	1,781,172	3.1	44,639,989	23,522,121	52.7	17,688,169	39.6	
15 years and over, 1910	32,425,805	12,550,129	38.7	18,092,690	55.8	1,471,390	4.5	30,047,325	8,933,170	29.7	17,684,687	58.9	
15 to 19 years, 1910	4,527,282	4,448,067	98.3	51,777	1.1	1,110	0.02	4,536,321	3,985,764	87.9	513,239	11.3	
20 to 24 years, 1910	4,580,290	3,432,161	74.9	1,100,093	24.0	18,815	0.4	4,476,094	2,163,683	48.3	2,225,362	49.7	
25 to 29 years, 1910	4,244,348	1,816,137	42.8	2,353,325	55.5	45,092	1.1	3,935,655	981,556	24.9	2,823,935	71.8	
30 to 34 years, 1910	3,656,768	951,820	26.0	2,611,244	71.4	65,339	1.8	3,315,417	535,170	16.1	2,619,959	79.0	
35 to 39 years, 1910	6,153,366	1,026,502	16.7	4,873,153	79.2	198,701	3.2	42,688	5,504,321	628,516	11.4	4,410,310	80.1
40 to 44 years, 1910	4,488,929	499,751	11.1	3,658,931	81.5	286,222	6.4	3,881,059	331,573	8.5	2,904,043	74.8	
45 to 49 years, 1910	2,674,403	222,950	8.3	2,112,699	79.0	312,420	11.7	2,379,698	167,991	7.1	1,479,454	62.2	
50 to 54 years, 1910	1,985,976	123,322	6.2	1,303,768	65.6	539,058	27.1	1,963,548	124,223	6.3	687,335	35.0	
55 to 59 years, 1910	1,144,443	29,419	2.5	27,310	2.3	4,633	0.4	572	14,694	26.9	21,050	38.5	
Age unknown, 1910	114,443	29,419	25.7	27,310	23.9	4,633	4.0	572	14,694	26.9	21,050	38.5	
ALL CLASSES: 1900.													
All ages, 1900	38,816,448	23,492,923	60.5	13,956,314	36.0	1,178,008	3.0	37,178,127	20,491,042	55.1	13,813,787	37.2	
15 years and over, 1900	25,620,399	10,297,940	40.2	13,956,650	54.5	1,177,976	4.6	24,249,191	7,566,530	31.2	13,810,057	57.0	
15 to 19 years, 1900	3,750,451	3,706,382	98.8	37,781	1.0	871	0.02	3,805,638	3,374,814	88.7	415,682	10.9	
20 to 24 years, 1900	3,624,580	2,812,113	77.6	782,907	21.6	14,332	0.4	3,322	1,913,552	51.6	1,726,296	46.5	
25 to 29 years, 1900	3,323,543	1,520,782	45.8	1,746,620	52.5	38,781	1.2	8,218	3,205,898	882,875	27.5	2,099,357	68.9
30 to 34 years, 1900	2,901,321	800,664	27.6	2,025,729	69.8	58,312	2.0	10,307	441,409	16.6	2,071,698	78.0	
35 to 39 years, 1900	4,872,781	826,201	17.0	3,840,575	78.8	174,335	3.6	22,630	4,339,166	481,698	11.1	3,451,375	79.5
40 to 44 years, 1900	3,402,458	349,429	10.3	2,797,354	82.2	230,656	6.8	19,408	2,994,983	234,413	7.8	2,212,223	73.9
45 to 49 years, 1900	2,002,424	156,823	7.8	1,644,373	79.7	245,424	11.9	12,297	1,940,111	128,954	6.6	1,172,904	60.5
50 to 54 years, 1900	1,555,418	89,152	5.7	1,044,051	67.1	410,565	26.4	7,353	1,525,080	90,838	6.0	521,220	34.2
55 to 59 years, 1900	1,144,443	36,394	3.2	36,280	3.2	4,500	0.4	409	73,161	17,987	24.6	29,302	40.1
Age unknown, 1900	127,423	36,394	28.6	36,280	28.5	4,500	3.5	409	73,161	17,987	24.6	29,302	40.1
WHITE.													
All ages, 1910	42,178,245	24,379,558	57.8	16,254,696	38.5	1,274,464	3.0	39,553,712	20,784,712	52.5	15,854,737	40.1	
15 years and over, 1910	29,158,125	11,360,282	39.0	16,253,940	55.7	1,274,388	4.4	26,857,337	8,091,249	30.1	15,852,011	59.0	
1900	22,808,628	9,173,430	40.2	12,435,858	54.6	1,020,387	4.5	21,483,032	6,747,306	31.4	12,319,767	57.3	
15 to 19 years, 1910	3,999,143	3,936,550	98.4	40,304	1.0	680	0.02	3,999,248	3,525,988	88.8	416,178	10.5	
20 to 24 years, 1910	4,070,955	3,122,440	76.7	913,039	22.4	11,506	0.3	4,856	3,915,456	1,968,679	50.3	1,893,144	48.4
25 to 29 years, 1910	7,089,393	2,545,449	35.9	4,414,772	62.3	81,329	1.1	27,920	1,399,105	21.7	2,633,792	75.1	
30 to 34 years, 1910	5,561,221	944,724	17.0	4,407,687	79.3	161,346	2.9	37,007	4,950,894	589,925	11.9	3,996,443	80.7
35 to 39 years, 1910	6,518,282	670,489	10.3	5,263,730	80.8	520,931	8.0	52,716	5,731,622	476,679	8.3	4,055,546	70.8
40 to 44 years, 1910	1,825,019	115,719	6.3	1,195,982	65.5	495,282	27.1	12,019	1,814,984	118,826	6.5	642,347	35.4
45 to 49 years, 1910	94,112	24,923	26.5	18,406	19.6	3,314	3.5	453	40,112	12,047	30.0	14,561	36.3
Age unknown, 1910	94,112	24,923	26.5	18,406	19.6	3,314	3.5	453	40,112	12,047	30.0	14,561	36.3
NEGRO.													
All ages, 1910	4,885,881	2,909,902	59.6	1,749,359	35.8	189,976	3.9	20,148	4,941,882	2,661,778	53.9	1,776,643	36.0
15 years and over, 1910	3,059,312	1,083,472	35.4	1,749,228	57.2	189,970	6.2	20,146	3,103,344	823,996	26.6	1,775,949	57.2
1900	2,633,008	1,033,283	39.2	1,422,886	54.0	151,233	5.7	11,026	2,690,583	803,683	29.9	1,443,817	53.7
15 to 19 years, 1910	507,945	492,153	96.9	11,064	2.2	416	0.1	104	552,471	448,515	81.2	94,087	17.0
20 to 24 years, 1910	482,157	287,994	59.7	182,110	37.8	7,160	1.5	1,809	548,638	191,396	34.9	323,773	59.0
25 to 29 years, 1910	753,068	189,196	25.1	527,149	69.9	26,161	3.7	6,408	795,348	115,682	14.5	592,547	74.5
30 to 34 years, 1910	550,130	67,203	12.2	439,901	80.0	36,144	6.6	5,458	538,732	38,108	7.1	401,069	74.4
35 to 39 years, 1910	595,554	36,661	6.2	477,712	80.2	74,809	12.6	5,254	512,549	22,483	4.4	315,823	61.6
40 to 44 years, 1910	152,482	6,285	4.1	102,670	67.3	41,891	27.5	999	141,642	5,243	3.7	42,404	29.9
45 to 49 years, 1910	17,076	3,980	23.3	8,622	50.5	1,289	7.5	114	13,964	2,572	18.4	6,246	44.7
Age unknown, 1910	17,076	3,980	23.3	8,622	50.5	1,289	7.5	114	13,964	2,572	18.4	6,246	44.7
INDIAN.													
15 years and over, 1910	80,383	27,391	34.1	46,154	57.4	5,319	6.6	679	76,982	16,324	21.2	49,095	63.8
CHINESE.													
15 years and over, 1910	64,394	34,330	53.3	26,449	41.1	1,139	1.8	45	2,955	680	23.0	2,016	68.2
JAPANESE.													
15 years and over, 1910	60,534	42,688	70.5	15,918	26.3	495	0.8	86	6,648	908	13.7	5,561	84.0
ALL OTHER RACES.													
15 years and over, 1910	3,655	1,966	53.8	911	24.9	79	2.2	3	59	13	22.0	35	59.0
NATIVE WHITE-NATIVE PARENTAGE.													
All ages, 1910	25,229,218	15,180,989	60.2	9,144,513	36.2	728,920	2.9	24,259,357	13,377,257	55.1	9,221,615	38.0	
15 years and over, 1910	16,233,058	6,185,334	38.1	9,144,099	56.3	728,883	4.5	15,523,900	4,644,122	29.9	9,219,388	59.4	
1900	13,088,058	5,195,263	39.7	7,193,922	55.0	587,894	4.5	12,601,813	3,893,417	31.0	9,251,375	73.4	
15 to 19 years, 1910	2,532,528	2,504,473	98.1	33,818	1.3	528	0.02	178	2,536,527	2,199,856	86.7	318,334	12.5
20 to 24 years, 1910	2,332,914	1,691,385	72.5	618,309	26.5	8,870	0.4	3,763	2,350,098	1,094,534	46.6	1,215,851	51.8
25 to 29 years, 1910	3,788,166	1,181,751	31.2	2,524,551	66.6	52,784	1.4	19,383	3,652,509	713,194	19.5	2,823,023	77.1
30 to 34 years, 1910	2,854,044	415,192	14.5	2,319,342	81.3	91,123	3.2	23,312	2,641,722	284,455	10.8	2,163,079	81.9
35 to 39 years, 1910	3,547,325	315,401	8.9	2,902,649	81.8	280,516	8.2	32,826	3,192,675	261,807	8.2	2,280,701	71.7
40 to 44 years, 1910	1,089,349	61,042	5.6	733,401	67.3	282,857	26.0	7,653	1,111,719	82,137	7.4	398,184	35.8
45 to 49 years, 1910	68,769	16,080	23.4	12,038	17.5	2,206	3.2	341	28,740	8,139	28.3	10,213	35.5
Age unknown, 1910	68,769	16,080	23.4	12,038	17.5	2,206	3.2	341	28,740	8,139	28.3	10,213	35.5
NATIVE WHITE-FOREIGN OR MIXED PARENTAGE.													
All ages, 1910	9,425,239	6,545,950	69.5	2,677,885	28.4	160,789	1.7	24,693	9,472,598	6,038,132	63.7	3,008,927	31.8
15 years and over, 1910	5,785,137	2,906,042	50.2	2,677,706	46.3	160,779	2.8	24,688	2,453,017	41.7	3,008,623	51.1	
1900	4,463,211	2,432,374	54.5	1,906,380	42.7	106,055	2.4	11,422	4,475,907	1,985,289	44.4	2,212,946	49.4
15 to 19 years, 1910	1,094,861	1,085,405	99.1	3,635	0.3	82	0.007	34	1,110,714	1,048,291	94.4	55,792	5.0
20 to 24 years, 1910	914,121	769,574	84.2	138,537	15.2	1,387	0.2	735	958,987	601,967	62.8	347,277	36.2
25 to 29 years, 1910	1,421,983	624,710	43.9	774,476	54.5	14,301	1.0	5,590	1,483,342	454,177	30.6	985,683	66.5
30 to 34 years, 1910	1,143,651	259,678	22.7	842,217	73.6	32,328	2.8	8,108	1,161,132	207,000	17.8	867,878	74.7
35 to 39 years, 1910	1,076,222	182,684	14.2	833,601	77.5	79,808	7.4	9,088	1,041,164	128,510	12		



Among the native whites of native parentage the number of married males in 1910 differed but little from the number of married females, and this was also true of the negroes; but in the case of the native whites of foreign or mixed parentage the married women considerably outnumbered the married men, probably because many women of this class have married foreign-born men, the number of the latter reported as married being much larger than the number of married foreign-born women. The larger number of married men than of married women in the foreign-born class is partly due, however, to the presence of men who have left their wives abroad.

The number of single men materially exceeded the number of single women in each of the four classes shown in the table, the excess being particularly marked among the foreign-born whites, in which group single men outnumbered single women more than two to one. In each class, on the other hand, there were more than twice as many widows as widowers.

Of the total number of native white males of native parentage 15 years of age and over in 1910, 38.1 per cent were single and 61.4 per cent married, widowed, or divorced, the corresponding percentages for females being 29.9 and 69.8.

Among native whites of foreign or mixed parentage the proportion married, widowed, or divorced was much lower for both sexes (49.5 and 58.1 per cent, respectively), than among native whites of native parentage. As shown later, this difference is not due to differences between the two parentage groups with regard to age distribution. Among the foreign-born whites, on the other hand, the proportion married, widowed, or divorced both for males and for females (67.8 and 81.6 per cent, respectively), was much higher than among the native whites of native parentage, but in the case of males this difference, as indicated by Table 24, is wholly due to the fact that the foreign-born whites are much older on the average than the native whites and among females also it is largely due to this cause. The proportions married, widowed, or divorced for negro men and for negro women (64 and 73.1 per cent, respectively), were somewhat higher than for native whites of native parentage.

The difference between the sexes with respect to the proportion married, widowed, or divorced is, as shown by the percentages quoted above, more conspicuous in the case of the foreign-born whites than in the case of any other group. One cause of this marked disparity is the fact that single women are much less apt to leave their native country for a new home than single men. Considering only persons who were in the married state at the time of the census, the negroes are the only group shown in the table in which the proportion married is as high among males as it is among females, the percentages in the case of this race being the same for the two sexes.

The proportion of divorced persons, as shown by Table 22, is slightly higher for females than for males in each of the four classes of population specified. As already stated, all the percentages relating to divorced persons may be assumed to be somewhat too low. The proportion of divorced persons reported is higher among negroes than in any other class, that for negro women, which is the highest of all, being 1.1 per cent.

Table 24, which is also based upon Table 23, shows by percentages for 1910 the marital condition of the principal classes of the population according to age groups. For convenience, the small percentages of divorced persons have been combined with those for the widowed. The diagram on the next page shows graphically the percentage single, married, widowed, or divorced in each class, by broad age groups.

Table 24

CLASS OF POPULATION AND AGE PERIOD.	PER CENT OF TOTAL IN SPECIFIED AGE GROUP WHO WERE—							
	Single.		Married, widowed, or divorced.		Married.		Widowed or divorced.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
<b>Total population:</b>								
15 years and over <sup>1</sup> .....	38.7	29.7	60.8	70.0	55.8	58.9	5.0	11.2
15 to 19 years.....	98.3	87.9	1.2	11.6	1.1	11.3	(?)	0.3
20 to 24 years.....	74.9	48.3	24.6	51.4	24.0	49.7	0.6	1.7
25 to 34 years.....	35.0	20.9	64.7	79.0	62.8	75.1	1.8	3.9
35 to 44 years.....	16.7	11.4	83.1	88.5	79.2	80.1	3.9	8.4
45 to 64 years.....	10.1	8.0	89.7	91.9	80.6	70.0	9.2	21.9
65 years and over.....	6.2	6.3	93.5	93.4	65.6	35.0	27.8	58.4
<b>Native white—Native par.:</b>								
15 years and over <sup>1</sup> .....	38.1	29.9	61.4	69.8	56.3	59.4	5.0	10.5
15 to 19 years.....	98.1	86.7	1.4	12.8	1.3	12.5	(?)	0.3
20 to 24 years.....	72.5	46.6	27.0	53.2	26.5	51.8	0.5	1.4
25 to 34 years.....	31.2	19.5	68.5	80.4	66.6	77.1	1.9	3.3
35 to 44 years.....	14.5	10.8	85.3	89.2	81.3	81.9	4.0	7.3
45 to 64 years.....	8.9	8.2	90.9	91.7	81.8	71.7	9.1	20.0
65 years and over.....	5.6	7.4	94.0	92.4	67.3	35.8	26.7	56.6
<b>Native white—Foreign or mixed parentage:</b>								
15 years and over <sup>1</sup> .....	50.2	41.7	49.5	58.1	46.3	51.1	3.2	7.0
15 to 19 years.....	99.1	94.4	0.3	5.1	0.3	5.0	(?)	0.1
20 to 24 years.....	84.2	62.8	15.4	36.9	15.2	36.2	0.2	0.7
25 to 34 years.....	43.9	30.6	55.9	69.2	54.5	66.5	1.4	2.8
35 to 44 years.....	22.7	17.8	77.2	82.1	73.6	74.7	3.5	7.4
45 to 64 years.....	14.2	12.3	85.7	87.6	77.5	67.8	8.3	19.8
65 years and over.....	8.9	8.6	90.9	91.3	64.8	35.0	26.1	56.3
<b>Foreign-born white:</b>								
15 years and over <sup>1</sup> .....	31.8	18.3	67.8	81.6	62.1	66.5	5.7	15.1
15 to 19 years.....	98.6	86.3	0.8	13.2	0.8	13.1	(?)	0.1
20 to 24 years.....	80.3	44.9	19.2	54.9	19.0	54.3	0.2	0.7
25 to 34 years.....	39.3	18.0	60.3	81.9	59.4	79.5	0.9	2.4
35 to 44 years.....	17.3	8.6	82.5	91.4	79.7	84.1	2.8	7.3
45 to 64 years.....	10.7	5.8	89.1	94.2	80.6	70.8	8.5	23.4
65 years and over.....	7.1	4.5	92.6	95.3	62.5	34.7	30.2	60.7
<b>Negro:</b>								
15 years and over <sup>1</sup> .....	35.4	26.6	64.0	73.1	57.2	57.2	6.9	15.9
15 to 19 years.....	96.9	81.2	2.3	18.1	2.2	17.0	0.1	1.1
20 to 24 years.....	59.7	34.9	39.6	64.8	37.8	59.0	1.9	5.8
25 to 34 years.....	25.1	14.5	74.5	85.3	69.9	74.5	4.6	10.8
35 to 44 years.....	12.2	7.1	87.5	92.8	80.0	74.4	7.6	18.4
45 to 64 years.....	6.2	4.4	93.7	95.4	80.2	61.6	13.4	33.8
65 years and over.....	4.1	3.7	95.5	95.9	67.3	29.9	28.1	66.0

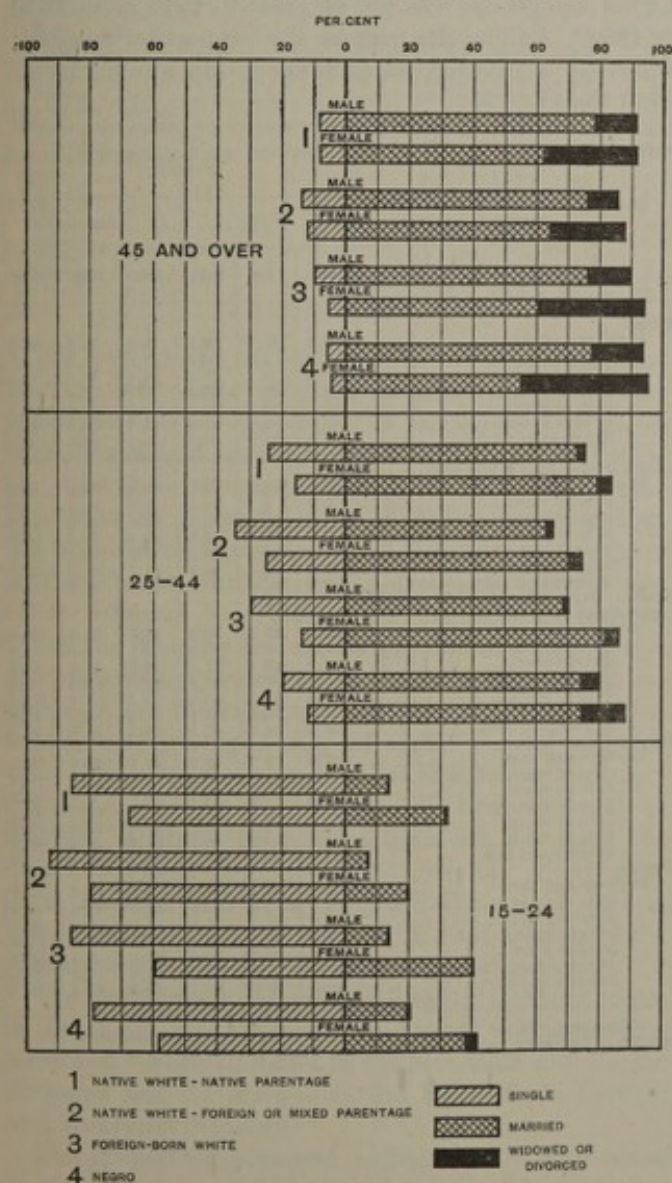
<sup>1</sup> Percentages based on total population, which includes a small number of persons of unknown age.

<sup>2</sup> Less than one-tenth of 1 per cent.

In every age group and for both sexes the proportion married, widowed, or divorced was materially higher in the case of the native whites of native parentage than in the case of the native whites of foreign or mixed parentage. This is partly due to the difference in the geographic distribution of the two classes. A much larger proportion of the native whites of foreign or mixed parentage are in urban communities, and much larger proportions of the former class than of the latter are in the North and the West. People living in urban communities are less apt to marry, or tend to marry



MARITAL CONDITION OF PRINCIPAL CLASSES OF THE  
POPULATION, BY AGE PERIODS: 1910.



The combined percentage of married, widowed, or divorced persons was higher in 1910 than in 1900 or in 1890 for each sex in each of the four principal race, nativity, and parentage groups, except that in the case of the foreign-born white males the percentage was lower in 1910 than in 1900. In the case of native white females of native parentage, however, the percentage married, widowed, or divorced was slightly lower in 1900 than in 1890. These higher percentages of married, widowed, or divorced persons combined were chiefly due to a higher proportion of married persons, although the proportion of widowed or divorced persons has also generally increased.



Table 27 shows the percentage of males and females of specified ages reported as single, as married, and as married, widowed, or divorced at the censuses of 1910, 1900, and 1890.

AGE PERIOD AND SEX.	PER CENT OF PERSONS IN SPECIFIED AGE GROUP WHO WERE—								
	Single.			Married, widowed, or divorced.			Married.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890
<b>15 years and over:<sup>1</sup></b>									
Male.....	38.7	40.2	41.7	60.8	59.4	58.1	55.8	54.5	53.9
Female.....	29.7	31.2	31.8	70.0	68.6	68.1	58.9	57.0	56.8
<b>15 to 19 years:</b>									
Male.....	98.3	98.8	99.4	1.2	1.0	0.5	1.1	1.0	0.5
Female.....	87.9	88.7	90.3	11.6	11.2	9.7	11.3	10.9	9.5
<b>20 to 24 years:</b>									
Male.....	74.9	77.6	80.7	24.6	22.1	19.2	24.0	21.6	18.9
Female.....	48.3	51.6	51.8	51.4	48.3	48.1	49.7	46.5	46.7
<b>25 to 34 years:</b>									
Male.....	35.0	37.3	36.8	64.7	62.5	63.1	62.8	60.6	61.5
Female.....	20.9	22.6	20.7	79.0	77.3	79.2	75.1	73.0	75.2
<b>35 to 44 years:</b>									
Male.....	16.7	17.0	15.3	83.1	82.9	84.5	78.2	78.8	80.9
Female.....	11.4	11.1	9.9	88.5	88.8	90.1	80.1	79.5	80.6
<b>45 to 64 years:</b>									
Male.....	10.1	9.3	8.2	89.7	90.6	91.6	80.6	81.3	83.5
Female.....	8.0	7.4	6.6	91.9	92.5	93.3	70.0	68.0	68.8
<b>65 years and over:</b>									
Male.....	6.2	5.7	5.6	93.5	94.0	94.2	65.6	67.1	70.5
Female.....	6.3	6.0	5.6	93.4	93.8	94.2	35.0	34.2	35.4

<sup>1</sup> Includes persons of unknown age.

In the age groups 15 to 19 years, 20 to 24 years, and 25 to 34 years, the percentage married, widowed, or divorced was greater in 1910 than in 1900, and in the case of the first two groups it was also greater in 1900 than in 1890. In the age group 25 to 34 years the percentage for males was greater in 1910 than at either of the two preceding censuses, but was less in 1900 than in 1890, while for females the percentage was greater in 1910 than in 1900, although in both years it was lower than in 1890. In each of the three age groups comprising persons 35 years of age or over, a decrease occurred during both of the decades covered by the table in the percentage married, widowed, or divorced both for males and for females, with the single exception that the percentage for males from 35 to 44 years of age increased slightly between 1900 and 1910.

Table 28 shows, for 1910, 1900, and 1890, the percentage of married, widowed, or divorced persons among males and females, respectively, for the principal color or race, nativity, and parentage groups, classified by age.

For each class shown in the table the percentage of married, widowed, or divorced persons in the age groups 15 to 19 years and 20 to 24 years was higher, both for males and for females, in 1910 than in 1900 or 1890, except that the percentage for native white males of foreign or mixed parentage 15 to 19 years of age was the same in 1910 as in 1900. This would in-

dicate that in all classes of the population a larger proportion are marrying in the earlier ages than was the case 10 or 20 years ago. The falling off in the natural rate of increase of population in this country would therefore seem not in any way due to the postponement of marriage. In the age group 25 to 34 years the proportion married, widowed, or divorced in 1910 was greater than in 1900 for both males and females in all classes of the population, with the single exception of the foreign-born white males. For the two groups comprising persons 45 years of age and over, the proportion of persons in the three classes of the white population who were or had been married has shown a decrease at each census since 1890, with the single exception of the native white females of native parentage from 45 to 64 years of age, for whom the percentage was the same in 1910 as in 1900. For the white population it thus appears that although the proportion marrying at early ages shows an increase, the proportion married, widowed, or divorced in the higher age groups was not so great in 1910 as in 1900 or 1890. Among the negroes the proportion married, widowed, or divorced in each age group was higher in 1910 than in 1900.

Table 28

CLASS OF POPULATION AND AGE PERIOD.	PER CENT MARRIED, WIDOWED, OR DIVORCED.					
	Male.			Female.		
	1910	1900	1890	1910	1900	1890
<b>Total:</b>						
15 years and over <sup>1</sup> .....	60.8	59.4	58.1	70.0	68.6	68.1
15 to 19 years.....	1.2	1.0	0.5	11.6	11.2	9.7
20 to 24 years.....	24.6	22.1	19.2	51.4	48.3	48.1
25 to 34 years.....	64.7	62.5	63.1	79.0	77.3	79.2
35 to 44 years.....	83.1	82.9	84.5	88.5	88.8	90.1
45 to 64 years.....	89.7	90.6	91.6	91.9	92.5	93.3
65 years and over.....	93.5	94.0	94.2	93.4	93.8	94.2
<b>Native white—Native parentage:</b>						
15 years and over <sup>1</sup> .....	61.4	59.8	59.7	69.8	68.8	69.3
15 to 19 years.....	1.4	1.2	0.6	12.8	12.5	11.0
20 to 24 years.....	27.0	23.8	20.5	53.2	51.2	51.5
25 to 34 years.....	68.5	65.7	66.6	80.4	79.0	80.8
35 to 44 years.....	85.3	85.1	86.5	89.2	89.0	89.5
45 to 64 years.....	90.9	91.7	92.6	91.7	91.7	92.3
65 years and over.....	94.0	94.6	94.8	92.4	92.8	93.3
<b>Native white—Foreign or mixed parentage:</b>						
15 years and over <sup>1</sup> .....	49.5	45.3	38.0	58.1	55.6	49.0
15 to 19 years.....	0.3	0.3	0.1	5.1	5.0	4.2
20 to 24 years.....	15.4	13.1	11.0	36.9	35.0	34.6
25 to 34 years.....	55.9	52.5	55.3	69.2	68.5	71.4
35 to 44 years.....	77.2	78.1	80.6	82.1	83.9	87.1
45 to 64 years.....	85.7	86.9	88.9	87.6	89.8	91.5
65 years and over.....	90.9	92.2	93.6	91.3	91.9	92.3
<b>Foreign-born white:</b>						
15 years and over <sup>1</sup> .....	67.8	70.3	67.6	81.6	80.3	79.2
15 to 19 years.....	0.8	0.7	0.3	13.2	11.0	8.4
20 to 24 years.....	19.2	17.3	15.1	54.9	46.5	45.2
25 to 34 years.....	60.3	60.9	58.1	81.9	80.7	80.1
35 to 44 years.....	82.5	82.0	82.2	91.4	91.6	91.7
45 to 64 years.....	89.1	89.5	90.3	94.2	94.4	95.1
65 years and over.....	92.6	93.0	93.2	95.3	95.6	96.0
<b>Negro:</b>						
15 years and over <sup>1</sup> .....	64.0	60.2	60.0	73.1	69.9	69.8
15 to 19 years.....	2.3	1.8	0.9	18.1	16.6	15.0
20 to 24 years.....	39.6	35.1	34.2	64.8	60.0	61.7
25 to 34 years.....	74.5	71.6	74.7	85.3	82.4	84.8
35 to 44 years.....	87.5	86.5	88.5	92.8	91.9	92.4
45 to 64 years.....	93.7	93.3	93.9	95.4	95.1	95.2
65 years and over.....	95.5	95.0	94.3	95.9	95.2	95.3

<sup>1</sup> Percentages based on total population, which includes a small number of persons of unknown age.



## DIVISIONS AND STATES.

**Total population, by divisions.**—Table 29 shows for the different geographic divisions of the country the proportions single, married, widowed, or divorced among persons 15 years of age and over, classified by sex. The percentages are summarized graphically in the accompanying diagram.

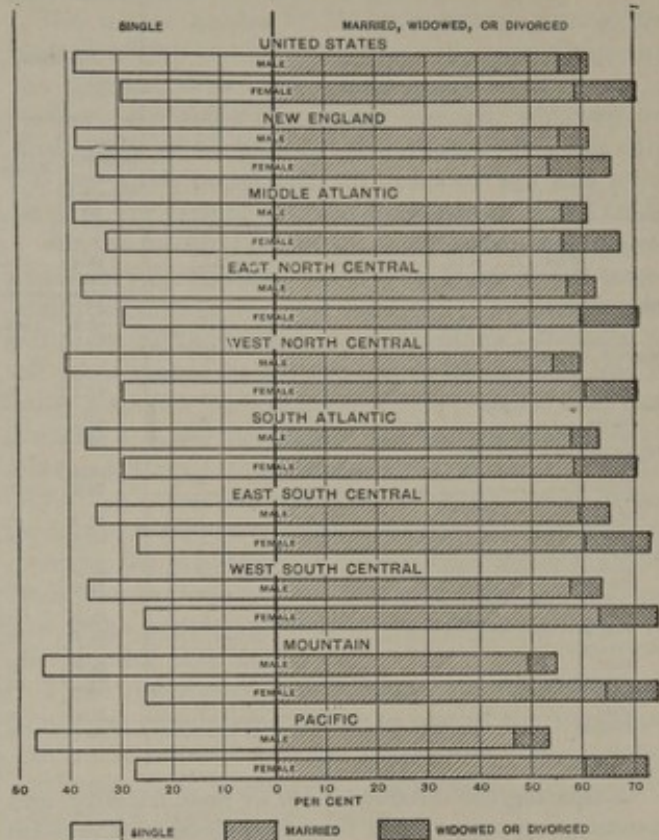
DIVISION AND SEX.	PER CENT OF TOTAL POPULATION 15 YEARS OF AGE AND OVER.				
	Single.	Married, widowed, or divorced.			
		Total.	Married.	Widowed.	Divorced.
<b>United States:</b>					
Male.....	38.7	60.8	55.8	4.5	0.5
Female.....	29.7	70.0	58.9	10.6	0.6
<b>NEW ENGLAND:</b>					
Male.....	38.6	61.2	55.5	5.1	0.5
Female.....	34.2	65.7	53.6	11.5	0.6
<b>MIDDLE ATLANTIC:</b>					
Male.....	39.0	60.7	56.1	4.3	0.2
Female.....	32.6	67.3	56.1	10.8	0.3
<b>EAST NORTH CENTRAL:</b>					
Male.....	37.5	62.1	57.0	4.5	0.6
Female.....	29.1	70.7	59.8	10.1	0.7
<b>WEST NORTH CENTRAL:</b>					
Male.....	40.5	58.9	54.1	4.3	0.5
Female.....	29.7	70.0	60.4	9.0	0.7
<b>SOUTH ATLANTIC:</b>					
Male.....	36.9	62.7	57.9	4.6	0.3
Female.....	29.6	70.1	58.4	11.3	0.4
<b>EAST SOUTH CENTRAL:</b>					
Male.....	34.9	64.8	59.2	5.1	0.5
Female.....	26.8	72.9	60.3	11.8	0.8
<b>WEST SOUTH CENTRAL:</b>					
Male.....	36.5	62.9	57.5	4.9	0.5
Female.....	25.3	74.4	63.1	10.6	0.7
<b>MOUNTAIN:</b>					
Male.....	45.1	54.1	49.5	3.8	0.8
Female.....	25.2	74.4	64.5	9.0	1.0
<b>PACIFIC:</b>					
Male.....	46.9	51.9	46.7	4.2	1.0
Female.....	27.4	72.4	60.5	10.6	1.3

The percentage of females who were or had been married was lower in New England than in other geographic divisions, while the proportion of males who were or had been married was lower in the Pacific and Mountain divisions than in the other divisions. It should be borne in mind in this connection that the number of males to 100 females is much higher in the Pacific and Mountain divisions than in any other, whereas New England is the only division in which the females outnumber the males. The factors of race and age doubtless exercise an appreciable influence upon the marital condition of the total population, but, independently of racial or age composition, it is almost inevitable that the proportion married, widowed, or divorced among males should be smallest in those geographic divisions in which the excess of males over females is greatest. Conversely it is natural that the proportion married among women should be relatively low in that section of the country where the females outnumber the males.

The proportion widowed is highest for both sexes in the East South Central and New England divisions and lowest for males in the Mountain and Pacific divisions and for females in the West North Central and Mountain divisions.

The proportion divorced is highest for both sexes in the Mountain and Pacific divisions and lowest for both sexes in the Middle Atlantic and South Atlantic divisions.

## MARITAL CONDITION OF THE TOTAL POPULATION 15 YEARS OF AGE AND OVER, BY DIVISIONS: 1910.



**Color or race, nativity, and parentage classes, by divisions.**—Table 30 shows for 1910, by geographic divisions, the percentage of the male and female population 15 years of age and over in the color or race, nativity, and parentage classes who were married, widowed, or divorced, and also the percentage who were married.

For each class of the population except the native whites of native parentage the percentage married, widowed, or divorced among the males was higher in the East South Central division than in any other. For the native whites of native parentage the New England division ranked first in this respect, with the East South Central second. For each class of population except the native whites of foreign or mixed parentage the percentage was lowest in the Pacific division. For the native whites of foreign or mixed parentage the lowest percentage was found in New England, with the Pacific division ranking next.

Among females the percentage married, widowed, or divorced was highest in the divisions west of the Mississippi River, for the native whites of native parentage, in the West South Central division; for the native whites of foreign or mixed parentage, in the Mountain division; for the foreign-born whites, in the West North Central division; and for the negroes, in the Mountain division. On the other hand, the proportion of females married, widowed, or divorced was lowest in New England for every class except the native whites of native parentage, for whom the proportion was lowest in the Middle Atlantic division, New England ranking next in this respect.



Table 30

DIVISION AND SEX.	PER CENT OF PERSONS 15 YEARS OF AGE AND OVER.									
	All classes.		Native white.				Foreign-born white.		Negro.	
			Native parentage.		Foreign or mixed parentage.					
Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.	
United States:										
Male.....	60.8	55.8	61.4	56.3	49.5	46.3	67.8	62.1	64.0	57.2
Female.....	70.0	58.9	69.8	59.4	58.1	51.1	81.6	66.5	73.1	57.2
NEW ENGLAND:										
Male.....	61.2	55.5	65.0	57.7	42.9	39.8	68.2	62.7	58.2	51.7
Female.....	65.7	53.6	68.2	53.1	48.0	42.0	74.9	62.1	67.7	50.0
MIDDLE ATLANTIC:										
Male.....	60.7	56.1	60.9	55.8	48.7	45.4	67.8	63.2	60.4	54.5
Female.....	67.3	56.1	66.1	55.2	55.5	47.6	78.3	64.7	69.0	53.3
EAST NORTH CENTRAL:										
Male.....	62.1	57.0	61.9	56.6	52.5	49.4	72.2	65.7	60.5	51.7
Female.....	70.7	59.8	69.8	59.4	60.5	53.8	86.3	69.3	75.3	56.8
WEST NORTH CENTRAL:										
Male.....	58.9	54.1	59.6	54.8	47.8	45.2	70.1	63.1	60.3	51.4
Female.....	70.0	60.4	69.9	60.7	58.6	53.4	87.9	71.2	75.0	56.2
SOUTH ATLANTIC:										
Male.....	62.7	57.9	62.3	58.1	56.0	51.7	66.4	60.4	63.8	57.9
Female.....	70.1	58.4	69.3	59.4	61.9	51.4	82.9	65.3	71.5	56.9
EAST SOUTH CENTRAL:										
Male.....	64.8	59.2	64.2	59.6	59.5	55.0	74.9	65.5	65.9	58.5
Female.....	72.9	60.3	72.2	62.0	64.3	52.6	86.7	59.7	74.7	57.8
WEST SOUTH CENTRAL:										
Male.....	62.9	57.5	62.2	57.6	55.7	51.7	70.5	62.9	64.9	57.4
Female.....	74.4	63.1	74.2	65.0	66.4	57.4	85.6	67.5	74.9	58.8
MOUNTAIN:										
Male.....	54.1	49.5	55.1	50.3	49.0	45.6	55.7	50.9	55.3	47.6
Female.....	74.4	64.5	73.0	63.9	66.5	60.0	87.3	71.9	77.1	56.6
PACIFIC:										
Male.....	51.9	46.7	54.9	49.2	45.6	41.6	54.4	48.6	52.6	45.9
Female.....	72.4	60.5	72.1	60.4	62.2	54.2	84.2	67.8	76.0	56.6

Comparing the different color or race, nativity, and parentage groups within the same division, it appears that for males the percentage married, widowed, or divorced was highest among the foreign-born whites in every division excepting the Pacific, where the highest proportion was among the native whites of native parentage. For females the highest percentage married, widowed, or divorced was, in all geographic divisions, among the foreign-born whites. This uniformity results from the fact that the proportion of the foreign-born whites in the early age groups is comparatively low. The percentage of persons married, widowed, or divorced was lowest in every division and for both sexes among the native whites of foreign or mixed parentage, a fact in part attributable to the relatively large number of young persons in this class of population.

In all divisions, and for each color or race, nativity, and parentage group, the proportion of persons married, widowed, or divorced was higher for females than for males. In a majority of cases the proportion of married persons alone was also higher among females than among males.

Generally speaking, the differences between the geographic divisions as respects marital condition are largely explained by differences in the composition of the population in regard to sex, age, race, nativity, and parentage. The foregoing table shows, however, for each race, nativity, and parentage class appreciable differences among the divisions. These in turn

are largely explained either by variations in the age and sex distribution of the population or by varying habits with respect to the age of marriage. These factors are in part exhibited in Table 31, page 156, which shows for each division the percentage of married, widowed, or divorced persons combined in the principal classes of the population, by sex and age groups.

The absolute numbers on which the percentages in Table 31 are based appear in Table 32, which also gives further details.

The degree of prevalence of early marriages in the case of males is fairly well indicated by the percentage married, widowed, or divorced in the age group 20 to 24 years. For native white males of native parentage the percentage in 1910 was conspicuously high in the three southern divisions, and lowest in the Pacific, New England, and Mountain divisions, in the order named. In the South the percentage of negro males in the same age group who were married, widowed, or divorced was much higher than the percentage of native whites of native parentage. In other sections of the country, where the negroes are less numerous, there was no such marked difference. The proportions for the native whites of foreign or mixed parentage and for foreign-born whites were fairly uniform throughout the country, except that in the West South Central division, where much of the foreign stock is of Mexican rather than European origin, they were considerably higher than elsewhere.



For females the proportion married, widowed, or divorced in the age group 15 to 19 is more significant as to prevalence of early marriage. Among the native whites of native parentage this proportion was greater in the three southern divisions than elsewhere. In two of these divisions, the East South Central and the West South Central, the proportion was also higher in the age group 20 to 24 years, but the proportion for this group in the South Atlantic division was exceeded by that in the Mountain division. Among the negro women early marriages are more frequent in the South than in the remainder of the country. For the native whites of foreign or mixed parentage there were high percentages of married persons among females from 15 to 24 years of age in the West South Central, Mountain, and Pacific divisions. Among the foreign-born whites the percentages were high in the South, where, however, this class forms an inconsiderable element in the aggregate population.

Table 32, pages 156 to 159, presents detailed statistics of marital condition by geographic divisions.

**States.**—Table 33, pages 160 to 162, shows the distribution, according to marital condition, of the males and females 15 years of age and over in each of the principal classes of population, by states.

#### URBAN AND RURAL COMMUNITIES.

Table 34, page 163, shows the marital condition of males and females by age groups for the principal race, nativity, and parentage classes, distinguishing between urban and rural communities.

For the population 15 years of age and over, both for males and females, the proportion of single persons is greater, and, conversely, the proportion of those who are or have been married is less, in the urban than in the rural population. For both males and females, a smaller percentage of persons married, widowed, or divorced, is found in urban communities in each of the

age periods specified in the table, the difference being particularly great in the younger age periods.

The native classes of the population, the whites both of native and of foreign or mixed parentage and the negroes, show, like the population at large, a smaller percentage of persons married, widowed, or divorced in urban than in rural communities, not only for the entire population 15 years of age and over, but also for each of the age groups given in the table.

For the foreign-born white females also, the proportion married, widowed, or divorced is smaller in towns and cities than in the rural districts. The foreign-born white males 15 years and over form an exception to all other classes in having among those who live in cities a smaller percentage of single persons, and, conversely, a larger percentage of married, widowed, or divorced, than among those living in rural districts. With the exception of the age group 15 to 19 years, which, of course, comprises comparatively few married persons, the percentage of foreign-born males married, widowed, or divorced was larger in each age group of the urban population than in the corresponding group of the rural population.

These differences with reference to the urban and the rural population constitute one of the important factors in determining the differences already noted with respect to marital condition among the different geographic divisions and states.

#### PRINCIPAL CITIES.

The concluding tables on marital condition relate to the cities of the United States. In Table 35, page 164, information is given concerning the marital condition of both males and females, classified by color or race, nativity, and parentage, in cities having 250,000 inhabitants or more. Table 36, pages 165 to 167, gives similar information, without distinction of color or race, nativity, and parentage, for cities having from 25,000 to 250,000 inhabitants.



## ABSTRACT OF THE CENSUS—POPULATION.

- PER CENT MARRIED, WIDOWED, OR DIVORCED IN THE POPULATION, BY GEOGRAPHIC DIVISIONS: 1910.

Table 31

PER CENT MARRIED, WIDOWED, OR DIVORCED.

DIVISION AND CLASS OF POPULATION.	PER CENT MARRIED, WIDOWED, OR DIVORCED.									
	Males 15 years of age and over.					Female 15 years of age and over.				
	15 to 19 years.	20 to 24 years.	25 to 34 years.	35 to 44 years.	45 years and over.	15 to 19 years.	20 to 24 years.	25 to 34 years.	35 to 44 years.	45 years and over.
<b>United States:</b>										
Native white—Native parentage.....	1.4	27.0	68.5	85.3	91.7	12.8	53.2	80.4	89.2	91.9
Native white—Foreign or mixed parentage.....	0.3	15.4	55.9	77.2	86.3	5.1	36.9	69.2	82.1	88.0
Foreign-born white.....	0.8	19.2	60.3	82.5	90.0	13.2	54.9	81.9	91.4	94.5
Negro.....	2.3	39.6	74.5	87.5	94.0	18.1	64.8	85.3	92.8	95.5
<b>NEW ENGLAND:</b>										
Native white—Native parentage.....	0.8	20.9	63.1	82.4	89.9	6.6	38.4	69.8	81.9	86.8
Native white—Foreign or mixed parentage.....	0.4	14.5	49.8	72.3	83.2	3.6	28.0	57.2	72.5	81.0
Foreign-born white.....	1.0	21.9	64.1	85.3	92.2	9.9	46.6	75.0	87.5	91.4
Negro.....	1.3	21.7	55.1	75.9	86.6	8.9	42.9	72.1	83.3	88.7
<b>MIDDLE ATLANTIC:</b>										
Native white—Native parentage.....	0.9	23.8	66.1	83.6	90.6	6.9	42.8	74.1	84.8	89.0
Native white—Foreign or mixed parentage.....	0.3	15.0	54.5	76.0	85.8	4.5	33.0	64.4	78.7	85.4
Foreign-born white.....	0.7	21.4	65.4	86.1	91.8	12.1	54.1	82.0	91.1	93.3
Negro.....	1.0	27.0	62.0	78.0	86.4	10.2	48.9	74.5	86.6	90.8
<b>EAST NORTH CENTRAL:</b>										
Native white—Native parentage.....	0.9	26.1	69.6	85.9	92.1	10.0	50.7	80.3	89.5	93.2
Native white—Foreign or mixed parentage.....	0.3	16.3	59.4	80.2	88.5	4.8	38.1	71.8	84.0	89.6
Foreign-born white.....	0.7	18.8	62.8	84.8	92.0	15.1	59.7	85.1	93.2	96.0
Negro.....	1.4	25.9	59.9	77.0	87.2	14.7	57.2	81.9	91.7	95.5
<b>WEST NORTH CENTRAL:</b>										
Native white—Native parentage.....	0.9	24.4	66.9	85.0	92.4	11.6	52.6	82.0	91.6	95.5
Native white—Foreign or mixed parentage.....	0.2	13.9	56.4	78.8	88.1	5.0	38.6	73.3	86.6	92.2
Foreign-born white.....	0.7	14.1	53.0	78.8	90.2	13.3	56.5	84.0	93.4	96.5
Negro.....	1.3	26.7	60.3	78.5	89.8	15.5	57.9	82.8	92.3	96.0
<b>SOUTH ATLANTIC:</b>										
Native white—Native parentage.....	1.8	30.0	71.7	88.0	93.1	15.3	55.7	80.7	88.7	89.8
Native white—Foreign or mixed parentage.....	0.5	16.1	56.0	76.6	86.6	5.9	37.4	66.0	78.9	84.8
Foreign-born white.....	1.1	19.4	60.2	83.0	89.3	18.4	62.1	85.1	90.8	92.4
Negro.....	2.4	40.2	76.5	89.2	94.7	17.0	63.6	84.8	92.3	95.0
<b>EAST SOUTH CENTRAL:</b>										
Native white—Native parentage.....	2.7	35.4	75.8	89.8	94.1	19.4	61.5	84.2	91.2	92.8
Native white—Foreign or mixed parentage.....	0.7	16.2	56.9	77.2	87.4	6.1	34.9	66.3	78.9	86.1
Foreign-born white.....	0.9	18.7	59.9	83.0	89.9	21.3	63.3	83.4	90.4	93.5
Negro.....	2.5	43.6	78.6	90.5	95.6	20.0	68.4	87.5	93.9	96.3
<b>WEST SOUTH CENTRAL:</b>										
Native white—Native parentage.....	1.9	32.6	74.3	89.3	94.0	20.1	66.3	88.7	95.0	96.4
Native white—Foreign or mixed parentage.....	0.7	23.0	64.0	82.1	88.2	11.3	52.0	79.5	88.6	91.7
Foreign-born white.....	1.8	25.0	62.1	81.9	88.9	25.3	68.6	87.3	93.7	95.7
Negro.....	2.1	41.3	77.4	89.8	95.3	20.3	69.0	88.7	95.2	97.1
<b>MOUNTAIN:</b>										
Native white—Native parentage.....	0.8	21.3	58.6	77.7	85.8	14.0	60.8	85.7	93.6	96.3
Native white—Foreign or mixed parentage.....	0.5	17.3	55.6	75.0	80.1	9.3	51.2	82.1	91.9	94.9
Foreign-born white.....	1.2	13.1	45.0	70.4	80.0	21.7	65.8	87.3	94.1	96.5
Negro.....	1.7	21.7	50.9	70.0	78.3	20.1	62.6	80.8	91.8	94.0
<b>PACIFIC:</b>										
Native white—Native parentage.....	0.5	17.9	53.9	74.3	85.0	10.6	52.6	80.4	90.5	94.9
Native white—Foreign or mixed parentage.....	0.3	13.5	48.7	69.5	78.6	7.0	42.7	73.7	86.0	92.0
Foreign-born white.....	1.0	11.2	39.2	65.7	77.7	17.6	57.1	80.6	90.8	94.7
Negro.....	1.1	19.1	47.0	67.7	78.3	13.0	57.1	82.0	91.1	94.5

## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910.

Table 32

MALES 15 YEARS OF AGE AND OVER.

FEMALES 15 YEARS OF AGE AND OVER.

DIVISION, CLASS OF POPULATION, AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.								
	Total. <sup>1</sup>	Single.		Married.		Widowed.	Di- vored.	Total. <sup>1</sup>	Single.		Married.		Widowed.	Di- vored.	
		Number.	Per cent.	Number.	Per cent.				Number.	Per cent.	Number.	Per cent.			
UNITED STATES															
All classes:															
15 years of age and over: <sup>2</sup>	32,425,805	12,550,129	38.7	18,092,600	55.8	1,471,390	4.5	156,162	30,047,325	8,933,170	29.7	17,684,687	58.9	3,176,228	10.6
1910.....	25,620,399	10,297,940	40.2	13,955,650	54.5	1,177,976	4.6	84,230	24,249,191	7,566,530	31.2	13,810,057	57.0	2,717,715	11.2
1900.....															
15 to 19 years.....	4,527,282	4,448,067	98.3	51,877	1.1	1,110	(*)	347	4,536,321	3,985,764	87.9	513,239	11.3	10,261	0.2
20 to 24 years.....	4,580,290	3,432,161	74.9	1,100,093	24.0	18,815	0.4	6,732	4,476,694	2,163,683	48.3	2,225,362	49.7	55,354	1.2
25 to 34 years.....	7,901,116	2,767,957	35.0	4,964,769	62.8	110,431	1.4	34,571	7,251,072	1,516,726	20.9	5,443,894	75.1	224,327	3.1
35 to 44 years.....	6,153,366	1,026,502	16.7	4,873,153	79.2	198,701	3.2	42,688	5,504,321	628,516	11.4	4,410,310	80.1	411,896	7.5
45 years and over.....	9,149,308	846,023	9.2	7,075,398	77.3	1,137,700	12.4	71,252	8,224,305	623,787	7.6	5,070,832	61.7	2,465,396	30.0
Native white—Native parentage:															
15 years and over <sup>2</sup> .....	16,233,095	6,185,324	38.1	9,144,099	56.3	728,883	4.5	87,456	15,523,900	4,644,122	29.9	9,219,385	59.4	1,523,560	9.8
15 to 24 years.....	4,885,442	4,195,858	85.9	652,118	13.3	9,398	0.2	3,941	4,886,535	3,294,390	67.4	1,535,183	31.4	26,245	0.5
25 to 44 years.....	6,642,210	1,596,943	24.0	4,843,893	72.9	143,907	2.2	42,695	6,304,231	997,649	15.8	4,986,102	79.1	258,103	4.1
45 years and over.....	4,636,674	376,443	8.1	3,636,050	78.4	573,373	12.4	40,479	4,304,394	343,944	8.0	2,687,885	62.4	1,235,914	28.7
Native white—For. or mixed par.:															
15 years and over <sup>2</sup> .....	5,785,137	2,906,042	50.2	2,677,706	46.3	160,779	2.8	24,688	5,887,131	2,453,017	41.7	3,008,623	51.1	382,318	6.5
15 to 24 years.....	2,008,982	1,854,979	92.3	142,172	7.1	1,479	0.1	769	2,069,701	1,650,238	79.7	403,072	19.5	4,772	0.2
25 to 44 years.....	2,565,634	884,388	34.5	1,616,693	63.0	46,629	1.8	13,698	2,644,475	661,207	25.0	1,853,561	70.1	107,642	4.1
45 years and over.....	1,204,884	164,132	13.6	916,985	76.1	112,351	9.3	10,175	1,168,088	139,409	11.9	750,339	64.2	269,350	23.1
Foreign-born white:															
15 years and over <sup>2</sup> .....	7,139,893	2,268,916	31.8	4,432,135	62.1	384,726	5.4	23,059	5,446,306	994,110	18.3	3,624,003	66.5	800,112	14.7
15 to 24 years.....	1,175,674	1,008,153	85.8	159,073	13.5	1,309	0.1	376	928,468	550,019	59.2	371,065	40.0	3,476	0.4
25 to 44 years.....	3,442,770	1,008,833	29.3	2,361,873	68.6	52,139	1.5	8,534	2,437,299	330,174	13.5	1,990,572	81.7	104,230	4.3
45 years and over.....	2,501,743	245,630	9.8	1,906,677	76.2	330,489	13.2	14,081	2,074,124	112,152	5.4	1,259,669	60.7	690,971	33.3
Negro:															
15 years and over <sup>2</sup> .....	3,059,312	1,083,472	35.4	1,749,228	57.2	180,970	6.2	20,146	3,103,344	823,996	26.6	1,775,949	57.2	450,831	14.8
15 to 24 years.....	930,102	780,147	83.9	193,174	20.8	7,576	0.8	1,913	1,101,109	639,911	58.1	417,860	37.9	30,705	2.8
25 to 44 years.....	1,304,098	256,399	19.7	967,050	74.2	64,405	4.9	11,866	1,334,080	153,787	11.5	993,616	74.5	164,192	12.3
45 years and over.....	748,036	42,946	5.7	580,382	77.6	116,700	15.6	6,253	654,191	27,726	4.2	358,227	54.8	261,302	39.9

<sup>1</sup> Total includes persons whose marital condition was not reported.<sup>2</sup> Totals include persons of unknown age.<sup>3</sup> Less than one-tenth of 1 per cent.



## MARITAL CONDITION.

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910—Continued.

Table 32—Continued.

<sup>1</sup> Total includes persons whose marital condition was not reported

2 Totals include persons of unknown age.

<sup>2</sup> Less than one-tenth of 1 per cent.



## ABSTRACT OF THE CENSUS—POPULATION.

## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910—Continued.

Table 32—Continued.

Table 32—Continued.		MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.									
		Total. <sup>1</sup>		Single.		Married.		Widowed.		Di- vorced.	Total. <sup>1</sup>		Single.		Married.		Widowed.		Di- vorced.
				Number.	Per cent.	Number.	Per cent.	Num- ber.	Per cent.				Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	
WEST NORTH CENTRAL.																			
All classes:																			
15 years of age and over: <sup>2</sup>		4,214,656	1,706,556	40.5	2,279,407	54.1	179,162	4.3	22,938	3,711,981	1,100,837	29.7	2,241,834	60.4	332,341	9.0	24,707		
1910 .....		3,556,391	1,486,138	41.8	1,893,845	53.3	150,608	4.2	12,947	3,130,469	949,498	30.3	1,879,354	60.0	281,159	9.0	15,903		
1900 .....																			
15 to 19 years.....		599,264	589,591	98.4	4,038	0.7	90	(*)	37	585,329	525,550	89.8	53,868	9.2	587	0.1	37		
20 to 24 years.....		603,739	480,054	79.5	117,330	19.4	1,374	0.2	770	559,418	286,879	51.3	264,110	47.2	3,753	0.7	2,465		
25 to 34 years.....		994,988	383,627	38.6	592,008	59.5	11,106	1.1	4,671	880,989	178,190	20.2	675,378	76.7	18,764	2.1	7,179		
35 to 44 years.....		768,184	138,841	18.1	599,587	78.1	22,010	2.9	6,133	658,907	61,598	9.3	553,582	84.0	36,784	5.6	6,423		
45 years and over.....		1,230,565	109,823	8.9	963,428	78.3	143,979	11.7	11,240	1,020,291	46,857	4.6	692,497	67.9	271,581	26.6	8,213		
Native white—Native parentage:																			
15 years and over: <sup>2</sup>		2,125,364	844,335	39.7	1,164,161	54.8	88,198	4.1	13,460	1,950,292	580,402	29.8	1,183,403	60.7	164,973	8.5	14,835		
1910 .....		667,865	581,877	87.1	79,682	11.9	996	0.1	547	654,451	447,625	68.4	198,534	30.3	2,735	0.4	1,977		
25 to 44 years.....		854,655	215,561	25.2	612,922	71.7	17,468	2.0	6,587	783,425	109,128	13.9	637,819	81.4	27,390	3.5	8,140		
45 years and over.....		590,374	43,979	7.4	469,724	79.6	69,406	11.8	6,266	507,620	22,454	4.4	345,518	68.1	134,425	26.5	4,678		
Native white—For. or mixed par.:																			
15 years and over: <sup>2</sup>		1,064,797	551,045	51.8	481,792	45.2	22,912	2.2	4,128	1,024,390	420,277	41.0	547,314	53.4	47,833	4.7	5,114		
1910 .....		395,312	365,377	92.4	26,259	6.6	210	0.1	138	395,274	309,411	78.3	81,817	20.7	712	0.2	498		
25 to 44 years.....		477,217	162,470	34.0	304,268	63.8	7,150	1.5	2,228	461,897	97,661	21.1	346,095	74.9	14,219	3.1	3,192		
45 years and over.....		190,962	22,598	11.8	150,897	79.0	15,494	8.1	1,755	166,352	12,886	7.7	119,080	71.6	32,827	19.7	1,419		
Foreign-born white:																			
15 years and over: <sup>2</sup>		912,638	267,574	29.3	575,487	63.1	59,984	6.6	3,935	637,826	76,027	11.9	454,262	71.2	103,061	16.2	3,171		
1910 .....		111,052	98,067	88.3	11,485	10.3	98	0.1	38	66,459	37,662	56.7	27,878	41.9	256	0.4	116		
25 to 44 years.....		378,905	128,192	33.8	241,912	63.8	5,896	1.5	1,150	250,113	27,534	11.0	212,467	84.9	8,631	3.5	1,222		
45 years and over.....		419,420	40,405	9.6	321,577	76.7	53,916	12.9	2,734	320,497	10,670	3.3	213,604	66.6	94,001	29.3	1,827		
Negro:																			
15 years and over: <sup>2</sup>		96,646	37,701	39.0	49,704	51.4	7,287	7.5	1,300	86,714	21,322	24.6	48,697	56.2	14,920	17.2	1,441		
1910 .....		24,327	20,467	84.1	3,455	14.2	146	0.6	77	24,850	15,245	61.3	8,629	34.7	613	2.5	226		
25 to 44 years.....		46,312	14,556	31.4	28,423	61.4	2,440	5.3	761	39,916	5,203	13.0	28,592	71.6	5,100	12.8	959		
45 years and over.....		25,179	2,499	9.9	17,537	69.6	4,621	18.4	455	21,371	800	3.7	11,256	52.7	9,017	42.2	247		
SOUTH ATLANTIC.																			
All classes:																			
15 years of age and over: <sup>2</sup>		3,821,777	1,408,947	36.9	2,211,053	57.9	174,957	4.6	10,579	3,794,991	1,122,814	29.6	2,216,806	58.4	429,174	11.3	16,021		
1910 .....		3,165,702	1,256,020	39.7	1,749,894	55.3	139,982	4.4	5,913	3,202,666	1,041,220	32.5	1,757,898	54.9	385,958	12.1	11,078		
1900 .....																			
15 to 19 years.....		635,530	618,898	97.4	12,188	1.9	261	(*)	50	654,262	548,359	83.8	99,382	15.2	2,350	0.4	524		
20 to 24 years.....		579,468	386,890	66.8	184,925	31.9	3,794	0.7	737	614,057	254,652	41.5	342,257	55.7	12,905	2.1	2,390		
25 to 34 years.....		900,210	248,107	27.6	629,008	69.9	17,458	1.9	2,848	916,189	166,847	18.2	699,902	76.4	42,646	4.7	5,350		
35 to 44 years.....		676,420	82,931	12.3	563,066	83.2	26,135	3.9	2,852	649,376	67,890	10.5	511,436	78.8	65,305	10.1	4,053		
45 years and over.....		1,017,771	68,655	6.7	816,619	80.2	126,589	12.4	4,051	952,427	82,733	8.7	560,171	58.8	304,184	31.9	3,652		
Native white—Native parentage:																			
15 years and over: <sup>2</sup>		2,295,628	857,630	37.4	1,333,187	58.1	91,768	4.0	5,360	2,271,647	691,194	30.4	1,349,377	59.4	218,161	9.6	7,621		
1910 .....		728,274	615,179	84.5	107,743	14.8	1,539	0.2	378	741,740	482,258	65.0	251,029	33.8	4,514	0.6	1,285		
25 to 44 years.....		937,998	198,615	21.2	715,217	76.2	19,625	2.1	2,815	926,460	147,494	15.9	732,134	79.0	41,419	4.5	4,256		
45 years and over.....		624,295	42,210	6.8	508,634	81.5	70,356	11.3	2,152	600,189	60,376	10.1	364,948	60.8	171,758	28.6	2,060		
Native white—For. or mixed par.:																			
15 years and over: <sup>2</sup>		145,427	63,513	43.7	75,131	51.7	5,804	4.0	539	151,502	57,276	37.8	77,892	51.4	15,245	10.1	716		
1910 .....		39,818	36,452	91.5	3,068	7.7	47	0.1	18	40,629	32,013	78.8	8,181	20.1	172	0.4	66		
25 to 44 years.....		63,804	21,485	33.7	40,624	63.7	1,291	2.0	287	68,068	18,736	27.5	45,183	66.4	3,601	5.3	446		
45 years and over.....		41,638	5,510	13.2	31,375	75.4	4,456	10.7	232	42,606	6,430	15.1	24,472	57.4	11,448	26.9	204		
Foreign-born white:																			
15 years and over: <sup>2</sup>		163,476	54,050	33.1	98,714	60.4	9,418	5.8	391	108,632	18,308	16.9	70,996	65.3	18,812	17.3	316		
1910 .....		29,352	25,227	85.9	3,926	13.4	41	0.1	14	17,547	9,304	53.0	8,079	46.0	86	0.5	21		
25 to 44 years.....		78,240	22,891	29.3	53,765	68.7	1,218	1.6	154	47,962	5,773	12.0	39,695	82.8	2,253	4.7	181		
45 years and over.....		55,149	5,709	10.4	40,892	74.1	8,141	14.8	221	42,947	3,165	7.4	25,151	53.9	16,434	38.3	114		
Negro:																			
15 years and over: <sup>2</sup>		1,213,070	431,943	35.6	701,837	57.9	67,831	5.6	4,277	1,260,627	355,312	28.2	716,955	56.9	176,715	14.0	7,363		
1910 .....		416,472	328,047	78.8	82,183	19.7	2,425	0.6	377	467,457	278,881	59.7	173,971	37.2	10,476	2.2	1,541		
25 to 44 years.....		494,773	87,399	17.7	381,358	77.1	21,427	4.3	2,440	522,126	62,624	12.0	393,539	75.4	60,631	11.6	4,517		
45 years and over.....		295,418	14,949	5.1	234,839	79.5	43,535	14.7	1,438	266,021	12,703	4.8	147,182	55.3	104,358	39.2	1,267		
EAST SOUTH CENTRAL.																			
All classes:																			
15 years of age and over: <sup>2</sup>		2,622,924	915,547	34.9	1,552,737	59.2	133,432	5.1	12,796	2,586,311	694,210	26.8	1,559,716	60.3	305,378	11.8	21,012		
1910 .....		2,2																	



## MARITAL CONDITION.

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## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910—Continued.

Table 32—Continued.

DIVISION, CLASS OF POPULATION, AND AGE PERIOD.		MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
		Single.		Married.		Widowed.		Di- vorced.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.	
		Number.	Per cent.	Number.	Per cent.	Num- ber.	Per cent.			Number.	Per cent.	Number.	Per cent.	Num- ber.	Per cent.		
WEST SOUTH CENTRAL.																	
All classes:																	
15 years of age and over: <sup>2</sup>																	
1910.....																	
1900.....																	
1910																	
15 to 19 years.....																	
20 to 24 years.....																	
25 to 34 years.....																	
35 to 44 years.....																	
45 years and over.....																	
Native white—Native parentage:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
Native white—For. or mixed par.:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
Foreign-born white:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
Negro:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
MOUNTAIN.																	
All classes:																	
15 years of age and over: <sup>2</sup>																	
1910.....																	
1900.....																	
1910																	
15 to 19 years.....																	
20 to 24 years.....																	
25 to 34 years.....																	
35 to 44 years.....																	
45 years and over.....																	
Native white—Native parentage:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
Native white—For. or mixed par.:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
Foreign-born white:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
Negro:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
PACIFIC.																	
All classes:																	
15 years of age and over: <sup>2</sup>																	
1910.....																	
1900.....																	
1910																	
15 to 19 years.....																	
20 to 24 years.....																	
25 to 34 years.....																	
35 to 44 years.....																	
45 years and over.....																	
Native white—Native parentage:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
Native white—For. or mixed par.:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
Foreign-born white:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	
Negro:																	
15 years and over <sup>2</sup> .....																	
15 to 24 years.....																	
25 to 44 years.....																	
45 years and over.....																	



## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, BY STATES: 1910.

Table 33

Table 33  DIVISION, STATE, AND CLASS OF POPULATION.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.
		Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	
NEW ENGLAND.																
Maine.....	274,942	95,261	34.6	158,941	57.8	17,531	6.4	2,636	264,363	72,543	27.4	156,535	59.2	32,444	12.3	2,490
Native white—Native parentage.....	184,306	59,313	32.2	109,418	59.4	13,063	7.1	2,146	181,052	49,961	25.9	107,319	59.3	24,475	13.5	2,048
Native white—Foreign or mixed par.....	36,109	18,674	51.7	15,866	43.9	1,302	3.6	226	34,862	15,108	43.3	17,062	48.9	2,442	7.0	202
Foreign-born white.....	53,515	16,837	31.5	33,174	62.0	3,086	5.8	252	47,659	10,208	21.4	31,756	66.6	5,416	11.4	226
Negro.....	554	250	45.1	249	44.9	46	8.3	9	495	192	38.8	217	43.8	74	14.9	11
New Hampshire.....	159,970	57,073	35.7	91,064	56.9	9,820	6.1	1,598	157,877	46,908	29.7	89,357	56.6	19,836	12.6	1,507
Native white—Native parentage.....	87,133	26,584	30.5	52,419	60.1	6,668	7.7	1,235	88,686	23,179	26.1	50,467	56.9	13,732	15.5	1,156
Native white—Foreign or mixed par.....	25,223	14,017	55.6	10,240	40.6	720	2.9	182	26,582	12,948	48.7	12,021	45.2	1,382	5.2	166
Foreign-born white.....	47,286	16,348	34.6	28,246	59.7	2,412	5.1	177	42,386	10,630	25.2	26,765	63.1	4,096	11.1	183
Negro.....	229	95	41.5	111	48.5	18	7.9	4	211	84	39.8	97	46.0	26	12.3	1
Vermont.....	132,793	45,567	34.3	77,671	58.5	8,281	6.2	1,141	124,884	32,963	26.4	75,681	60.6	15,215	12.2	990
Native white—Native parentage.....	81,917	27,295	33.3	48,153	58.8	5,539	6.8	851	79,879	21,144	26.5	47,608	59.6	10,350	13.0	748
Native white—Foreign or mixed par.....	25,832	9,914	41.6	12,752	53.5	997	4.2	154	24,689	8,426	34.1	14,155	57.3	1,955	7.9	150
Foreign-born white.....	25,971	7,584	29.2	16,510	63.6	1,717	6.6	121	19,988	3,308	16.5	13,713	66.6	2,880	14.4	84
Negro.....	1,054	765	72.6	248	23.5	27	2.6	14	320	84	26.3	199	62.2	29	9.1	8
Massachusetts.....	1,197,828	479,048	40.0	655,740	54.7	56,800	4.7	4,331	1,259,896	465,040	36.9	644,531	51.2	143,519	11.4	5,968
Native white—Native parentage.....	388,440	140,370	36.1	221,584	57.0	23,076	5.9	2,503	418,954	148,497	35.4	206,461	49.3	60,210	14.4	3,487
Native white—Foreign or mixed par.....	298,083	174,172	58.4	115,191	38.7	7,545	2.5	878	329,011	178,439	54.2	131,046	39.8	18,192	5.5	1,077
Foreign-born white.....	494,256	157,136	31.8	310,195	62.8	25,379	5.1	859	497,089	133,251	26.8	299,648	60.3	62,621	12.6	1,299
Negro.....	14,237	5,941	41.7	7,291	51.9	753	5.3	87	14,576	4,783	32.8	7,232	49.6	2,447	16.8	100
Rhode Island.....	195,731	78,502	40.1	105,671	54.0	9,832	5.0	1,097	197,320	70,730	35.8	102,938	52.2	21,521	10.9	1,577
Native white—Native parentage.....	57,503	21,915	38.1	31,218	54.3	3,541	6.2	603	58,123	20,029	34.5	29,091	50.1	7,929	13.6	840
Native white—Foreign or mixed par.....	50,088	29,371	58.6	18,940	37.8	1,383	2.8	235	54,197	28,977	53.5	21,958	40.5	2,822	5.2	314
Foreign-born white.....	84,260	25,641	30.4	53,469	63.5	4,687	5.6	226	81,202	20,576	25.3	50,002	61.6	10,075	12.4	369
Negro.....	3,510	1,404	40.0	1,800	53.0	208	5.9	32	3,689	1,108	30.0	1,841	49.9	673	18.2	53
Connecticut.....	408,098	160,274	39.3	225,773	55.3	19,733	4.8	1,380	397,656	133,658	33.6	217,302	54.6	44,541	11.2	1,619
Native white—Native parentage.....	140,456	50,885	36.2	79,608	56.7	8,733	6.2	857	146,409	48,878	33.4	75,848	51.8	20,466	14.0	975
Native white—Foreign or mixed par.....	94,444	54,539	57.7	37,173	39.4	2,352	2.5	296	103,012	52,847	51.3	44,179	42.9	5,528	5.4	306
Foreign-born white.....	167,269	52,660	31.5	105,732	63.2	8,220	4.9	255	142,182	30,046	21.1	94,184	66.2	17,544	12.3	275
Negro.....	5,371	1,890	35.2	3,034	56.5	402	7.5	31	5,983	1,870	31.3	3,055	51.1	986	16.5	63
MIDDLE ATLANTIC.																
New York.....	3,333,279	1,327,337	39.8	1,840,960	55.2	145,844	4.4	7,436	3,291,714	1,109,671	33.7	1,793,558	54.5	373,190	11.3	10,227
Native white—Native parentage.....	1,096,881	438,734	40.0	592,718	54.0	54,712	5.0	3,784	1,121,755	387,512	34.5	597,958	53.3	129,138	11.5	4,950
Native white—Foreign or mixed par.....	840,414	433,787	51.6	377,570	44.9	25,721	3.1	1,692	909,613	408,960	45.0	426,515	46.9	70,420	7.7	2,347
Foreign-born white.....	1,336,493	428,955	32.1	840,237	62.9	62,005	4.7	1,775	1,201,766	294,396	24.5	739,251	61.5	164,167	13.7	2,609
Negro.....	51,428	21,151	41.1	27,455	53.3	2,533	4.9	164	56,485	18,268	32.3	28,577	50.6	9,206	16.3	292
New Jersey.....	914,768	346,544	37.9	524,166	57.3	39,812	4.4	1,552	884,483	279,432	31.6	506,985	57.3	94,299	10.7	1,884
Native white—Native parentage.....	339,126	127,941	37.7	192,963	56.9	16,361	4.8	824	348,032	115,679	33.2	192,633	55.3	37,925	10.9	1,040
Native white—Foreign or mixed par.....	205,558	106,080	51.9	92,299	44.9	5,779	2.8	296	220,250	98,627	44.8	106,193	48.2	14,492	6.6	401
Foreign-born white.....	335,718	98,895	29.5	219,719	65.4	15,882	4.7	343	281,245	54,789	19.5	188,833	67.1	36,757	13.1	334
Negro.....	32,831	12,228	37.2	18,449	56.8	1,775	5.4	88	34,868	10,302	29.5	19,256	55.2	5,112	14.7	109
Pennsylvania.....	2,749,550	1,056,327	38.4	1,560,397	56.8	117,728	4.3	7,138	2,546,635	800,392	31.4	1,473,465	57.9	259,641	10.2	8,604
Native white—Native parentage.....	1,380,473	521,943	37.8	786,799	57.0	63,663	4.6	4,754	1,417,123	468,966	33.1	891,976	56.6	137,781	9.7	5,856
Native white—Foreign or mixed par.....	436,375	241,593	55.4	225,534	46.6	15,902	3.3	1,220	513,818	221,334	43.1	249,263	48.5	40,551	7.9	1,531
Foreign-born white.....	807,374	262,913	32.6	506,985	62.8	33,757	4.2	911	541,500	87,476	16.2	382,012	70.5	70,528	13.0	830
Negro.....	72,613	28,158	38.8	39,439	54.3	4,365	6.0	248	73,673	22,166	30.1	40,156	54.5	10,769	14.6	386
EAST NORTH CENTRAL.																
Ohio.....	1,755,663	634,137	36.1	1,022,124	58.2	83,738	4.8	10,594	1,667,482	481,784	28.9	921,870	59.5	178,798	10.7	12,386
Native white—Native parentage.....	1,026,164	379,346	37.0	588,845	57.4	47,683	4.6	6,921	1,016,202	307,598	30.3	600,780	59.1	97,584	9.6	8,274
Native white—Foreign or mixed par.....	354,000	145,585	41.1	191,578	54.7	12,467	3.5	1,971	376,287	132,806	35.3	208,993	55.5	31,628	8.4	2,487
Foreign-born white.....	329,952	91,065	27.6	216,239	65.5	29,412	6.2	1,144	234,883	30,763	13.1	159,425	67.9	43,448	18.5	1,061
Negro.....	44,894	17,774	39.6	23,210	51.7	3,162	7.0	358	40,052	10,596	26.5	22,641	56.5	6,138	15.3	364
Indiana.....	979,564	333,109	34.0	585,360	59.8	49,604	5.1	7,865	925,273	242,128	26.2	576,524	62.3	96,210	10.4	8,478
Native white—Native parentage.....	726,448	249,382	34.3	433,233	59.6	35,339	4.9	6,044	707,629	187,713	26.5	443,992	62.7	67,741	9.6	6,675
Native white—Foreign or mixed par.....	134,958	48,662	36.1	79,676	59.0	5,342	4.0	942	136,664	43,044	31.5	80,784	59.1	11,562	8.5	1,010
Foreign-born white.....	93,911	25,762	27.4	60,006	63.9	6,939	7.4	459	59,077	6,105	10.3	39,498	66.9	13,046	22.1	305
Negro.....	23,848	9,045	37.9	12,327	51.7	1,969	8.3	418	21,818	5,238	24.0	12,204	55.9	3,851	17.7	487
Illinois.....	2,071,223	813,770	39.3	1,143,793	55.2	86,077	4.2	11,008	1,901,556	577,197	30.4	1,113,992	58.6	191,345	10.1	13,172
Native white—Native parentage.....	850,196	331,991	39.0	464,248	54.6	36,589	4.3	5,740	810,929	251,523	31.0	471,887	58.2	77,633	9.6	6,723
Native white—Foreign or mixed par.....	530,761	209,592	39.5	244,414	46.1	12,241	2.3	2,332	551,404	234,596	42.5	281,090	51.0	30,759	5.6	2,479
Foreign-born white.....	642,776	193,323	30.													



# MARITAL CONDITION.

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MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, BY STATES: 1910—Continued.

Table 33—Continued.

MALES 15 YEARS OF AGE AND OVER.

FEMALES 15 YEARS OF AGE AND OVER.

DIVISION, STATE, AND CLASS OF POPULATION.	Total <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.	Total <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.
		Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	
WEST NORTH CENTRAL—Contd.																
Iowa.....	800,459	308,673	38.6	447,132	55.9	35,574	4.4	4,891	737,250	219,845	29.8	442,599	60.0	67,423	9.1	5,285
Native white—Native parentage.....	416,633	162,344	39.0	231,338	55.5	17,588	4.2	3,010	398,222	123,227	30.9	235,500	59.2	34,790	8.7	3,396
Native white—Foreign or mixed par.....	223,805	105,833	47.3	110,941	49.6	5,176	2.3	952	221,535	84,468	38.1	124,705	56.3	10,547	4.8	1,157
Foreign-born white.....	133,433	37,907	27.7	101,522	76.2	12,337	9.0	786	112,445	11,017	9.8	79,257	70.5	21,396	19.0	603
Negro.....	6,222	2,350	37.8	3,221	51.8	462	7.4	143	4,943	1,112	22.5	3,008	60.9	677	13.7	128
Missouri.....	1,171,394	435,219	37.2	665,938	56.9	56,158	4.8	7,020	1,099,015	308,184	28.0	660,819	60.1	118,472	10.8	8,558
Native white—Native parentage.....	784,027	294,518	37.6	444,874	56.7	35,134	4.5	4,543	744,906	211,571	28.4	456,641	61.3	69,012	9.3	5,535
Native white—Foreign or mixed par.....	197,943	82,482	41.7	107,560	54.3	6,324	3.2	1,119	204,184	70,326	34.4	115,004	56.3	16,847	8.3	1,615
Foreign-born white.....	127,984	33,832	26.6	81,537	64.2	10,229	8.0	614	92,253	12,008	13.0	57,499	62.3	22,039	23.9	502
Negro.....	61,645	23,967	38.9	31,714	51.4	4,811	7.8	742	37,559	14,240	37.9	21,313	56.9	10,553	18.3	926
North Dakota.....	210,192	98,659	46.9	102,080	48.6	6,091	2.9	664	155,146	46,828	30.2	98,370	63.4	8,133	5.2	557
Native white—Native parentage.....	52,929	25,375	47.9	24,894	47.0	1,517	2.9	239	38,253	11,716	30.6	24,120	63.1	1,840	4.8	190
Native white—Foreign or mixed par.....	68,397	41,731	61.0	24,644	36.0	921	1.3	168	56,972	26,018	45.7	29,107	51.1	1,072	1.9	152
Foreign-born white.....	86,403	30,643	35.5	51,207	59.3	3,547	4.1	247	57,882	8,619	14.9	43,812	75.7	5,014	8.7	198
Negro.....	331	190	57.4	107	32.3	15	4.5	5	185	56	30.3	106	57.3	16	8.6	7
South Dakota.....	215,201	96,007	44.6	108,368	50.4	7,686	3.6	1,189	168,244	49,274	29.3	105,949	63.0	11,137	6.6	1,026
Native white—Native parentage.....	80,997	37,373	46.1	39,470	48.7	2,724	3.4	592	62,582	19,245	30.8	38,748	61.9	3,777	6.0	477
Native white—Foreign or mixed par.....	70,096	39,023	55.7	28,976	41.3	1,260	1.8	267	60,361	24,304	40.3	33,666	55.8	1,721	2.9	265
Foreign-born white.....	57,481	17,569	30.6	35,829	62.3	3,350	5.8	203	38,809	4,392	11.3	29,277	75.4	4,844	12.5	215
Negro.....	373	170	45.6	176	47.2	21	5.6	6	202	79	39.2	152	58.0	27	10.3	4
Nebraska.....	430,112	176,075	40.9	233,273	54.2	16,353	3.8	2,396	372,138	109,278	29.4	230,441	61.9	28,980	7.8	2,417
Native white—Native parentage.....	209,222	85,405	40.8	113,379	54.2	7,726	3.7	1,403	186,513	55,378	29.7	115,289	61.8	13,861	7.4	1,445
Native white—Foreign or mixed par.....	117,011	62,318	53.3	51,768	44.2	2,116	1.8	452	110,447	45,854	41.5	59,686	54.0	4,001	3.6	529
Foreign-born white.....	98,535	25,871	26.3	65,653	66.6	6,197	6.3	481	71,348	7,163	10.0	53,128	74.5	10,574	14.8	392
Negro.....	3,541	1,541	43.5	1,702	48.1	237	6.7	54	2,746	643	23.4	1,027	37.4	15.2	3.5	35
Kansas.....	614,015	229,804	37.4	348,915	56.8	27,585	4.5	3,943	539,238	143,352	26.6	343,520	63.7	47,021	8.7	3,868
Native white—Native parentage.....	469,522	153,290	32.4	233,551	50.0	17,476	4.3	2,704	372,033	99,335	26.7	238,550	64.1	30,286	8.1	2,798
Native white—Foreign or mixed par.....	104,490	48,269	46.2	52,467	50.2	2,846	2.7	489	96,709	34,654	35.8	56,239	58.2	5,077	5.2	457
Foreign-born white.....	78,073	19,913	25.5	51,390	65.8	5,638	7.2	425	51,142	4,511	8.8	37,558	73.4	8,707	17.0	280
Negro.....	20,877	7,711	36.9	11,106	53.5	1,354	7.4	312	18,094	4,551	24.3	10,963	58.1	2,908	15.6	299
SOUTH ATLANTIC.																
Delaware.....	73,895	28,027	37.9	41,451	56.1	3,752	5.1	184	69,874	20,576	29.4	40,915	58.6	7,970	11.4	205
Native white—Native parentage.....	45,405	16,516	36.4	26,344	58.0	2,145	4.7	121	44,339	12,908	29.1	26,431	59.6	4,750	10.9	136
Native white—Foreign or mixed par.....	7,963	3,907	49.1	3,720	46.7	250	3.1	20	8,251	3,324	40.3	4,166	50.5	696	8.4	25
Foreign-born white.....	9,480	3,061	32.3	5,757	60.7	566	6.0	9	7,061	1,199	17.0	4,768	67.1	1,101	15.6	9
Negro.....	11,015	4,518	41.0	5,621	51.0	791	7.2	34	10,222	3,145	30.8	5,579	54.6	1,423	13.9	35
Maryland.....	442,299	171,025	38.7	246,717	55.8	22,120	5.0	1,498	452,046	149,842	33.1	247,837	54.8	51,842	11.5	1,791
Native white—Native parentage.....	290,190	109,419	40.1	137,201	54.8	11,100	4.5	852	257,854	90,299	35.0	140,728	54.6	25,408	9.9	1,011
Native white—Foreign or mixed par.....	63,327	27,337	43.2	33,315	52.6	2,330	3.7	253	68,725	26,781	39.0	35,013	50.9	6,496	9.5	315
Foreign-born white.....	51,194	12,928	25.3	34,518	67.4	3,517	6.9	126	46,760	8,209	17.7	29,470	63.0	8,833	18.9	128
Negro.....	77,191	30,141	39.0	41,493	53.8	5,090	6.6	264	78,668	24,469	31.1	42,607	54.2	11,103	14.1	337
District of Columbia.....	119,832	48,164	40.2	64,432	53.8	6,253	5.2	535	134,007	46,474	34.5	65,688	48.8	21,152	15.7	849
Native white—Native parentage.....	58,650	24,382	41.6	31,082	53.0	2,601	4.5	247	64,779	23,503	36.3	31,633	48.8	9,002	13.9	403
Native white—Foreign or mixed par.....	16,277	7,264	44.6	8,206	50.4	713	4.4	70	18,304	6,911	37.8	9,034	49.4	2,200	12.0	116
Foreign-born white.....	12,344	4,162	33.7	7,116	57.6	989	8.0	34	10,886	2,605	23.9	5,930	54.5	2,282	21.0	46
Negro.....	32,156	12,132	37.7	17,933	55.6	1,890	5.8	183	40,597	13,443	33.1	19,065	47.0	7,665	18.9	284
Virginia.....	650,073	250,218	38.5	364,751	56.1	31,628	4.9	1,760	648,661	205,232	31.6	366,488	56.5	73,120	11.3	2,619
Native white—Native parentage.....	418,792	159,442	38.1	239,241	57.1	17,985	4.3	1,009	416,873	132,248	31.7	241,988	58.0	40,408	9.7	1,435
Native white—Foreign or mixed par.....	13,091	6,078	46.8	6,189	47.6	678	5.2	33	11,668	4,662	39.9	5,793	49.5	1,193	10.2	41
Foreign-born white.....	15,891	5,103	32.7	9,457	59.5	1,169	7.4	35	8,970	1,376	15.3	6,274	69.9	1,296	14.4	18
Negro.....	202,053	79,328	39.3	109,723	54.3	11,782	5.8	682	210,968	66,902	31.7	112,351	53.3	30,200	14.3	1,123
West Virginia.....	416,171	161,746	38.9	236,044	56.7	15,211	3.7	1,431	355,624	99,881	28.0	225,691	63.3	28,276	7.9	1,883
Native white—Native parentage.....	330,741	124,643	37.7	191,850	58.0	12,023	3.6	1,140	305,998	87,560	28.6	193,227	63.1	22,880	7.5	1,560
Native white—Foreign or mixed par.....	18,796	7,287	38.8	10,642	56.6	727	3.9	63	18,489	6,208	33.6	10,474	56.6	1,685	9.1	74
Foreign-born white.....	39,213	16,600	42.3	21,034	53.6	1,121	2.9	45	13,943	1,491	10.7	10,684	76.6	1,699	12.2	25
Negro.....	27,317	13,144	48.1	12,487	45.7	1,330	4.9	182	18,184	4,615	25.4	11,304	62.2	2,011	11.1	204
North Carolina.....	646,759	234,954	36.3	382,288	59.1	26,443	4.1	999	665,872	207,677	31.2	386,528	58.0	68,302	10.3	1,619
Native white—Native parentage.....	446,127	162,390	36.4	265,375	59.5	10,652	3.7	555	449,883	138,684	30.8	267,545	59.5	41,772	9.3	886
Native white—Foreign or mixed par.....	2,820	1,157	41.0	1,530	54.3	117	4.1	3	2,848	1,105	38.8	1,425	50.0	301	10.6	6
Foreign-born white.....	3,546	1,136	32.0	2,207	62.2	184	5.2	8	1,986	325	16.4	1,384	69.7	271</		



## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, BY STATES: 1910—Continued.

Table 33—Continued.

DIVISION, STATE, AND CLASS OF POPULATION.		MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
		Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.
			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	
EAST SOUTH CENTRAL—Contd.																	
Alabama	644,390	222,125	34.5	386,415	60.0	31,463	4.9	2,828	643,989	169,126	26.3	388,191	60.3	80,137	12.4	5,513	
Native white—Native parentage	353,413	125,654	35.6	212,996	60.3	13,246	3.7	735	345,405	94,154	27.3	215,440	62.4	34,098	9.9	1,226	
Native white—Foreign or mixed par.	10,477	4,488	42.8	5,506	52.6	424	4.0	41	10,606	3,689	34.8	5,590	52.7	1,246	11.7	47	
Foreign-born white	11,174	3,284	29.4	7,149	64.0	683	6.1	41	6,539	758	11.6	4,538	71.2	1,088	16.6	17	
Negro	269,025	88,577	32.9	160,594	59.7	17,101	6.4	2,011	281,202	70,466	25.1	162,347	57.7	43,684	15.5	4,222	
Mississippi	539,482	185,076	34.3	321,009	59.5	27,979	5.2	2,874	533,814	136,722	25.6	323,829	60.7	66,661	12.5	4,066	
Native white—Native parentage	229,161	84,893	37.0	134,219	58.6	8,746	3.8	520	220,470	61,894	28.1	135,663	61.5	21,682	9.8	706	
Native white—Foreign or mixed par.	7,030	2,756	39.1	3,919	55.6	330	4.7	21	7,133	2,334	32.7	3,822	53.6	934	13.1	24	
Foreign-born white	5,564	1,548	27.8	3,574	64.2	413	7.4	11	3,116	418	13.4	2,015	64.7	679	21.8	2	
Negro	297,064	95,632	32.2	178,983	60.3	18,447	6.2	2,319	302,768	72,021	23.8	182,200	60.2	43,328	14.3	3,931	
WEST SOUTH CENTRAL.																	
Arkansas	497,182	170,709	34.3	292,715	58.9	29,092	5.9	2,653	487,026	106,141	23.7	292,600	64.0	51,628	11.3	3,504	
Native white—Native parentage	333,362	116,807	35.0	197,496	59.2	16,666	5.0	1,314	304,941	72,934	23.9	199,744	65.5	30,113	9.9	1,513	
Native white—Foreign or mixed par.	13,700	5,537	40.4	7,373	53.8	681	5.0	79	11,571	3,619	31.3	6,760	58.4	1,107	9.6	69	
Foreign-born white	10,142	2,693	26.6	6,477	63.9	883	8.7	67	5,924	800	13.5	4,089	69.0	1,003	16.9	26	
Negro	139,798	45,591	32.6	81,279	58.1	10,857	7.8	1,190	134,532	30,748	22.9	81,917	60.9	19,385	14.4	1,889	
Louisiana	514,989	193,341	37.9	288,797	56.1	25,500	5.0	1,677	504,796	142,819	28.3	290,536	57.6	66,801	13.2	2,989	
Native white—Native parentage	230,139	94,758	41.2	123,881	53.8	8,702	3.8	518	218,536	68,394	31.3	127,980	58.6	20,757	9.5	704	
Native white—Foreign or mixed par.	38,908	15,413	39.6	21,326	54.8	1,899	4.9	134	42,925	13,877	32.3	22,222	51.8	6,520	15.2	177	
Foreign-born white	28,148	7,979	28.3	17,839	63.4	2,183	7.8	54	20,588	2,840	13.8	12,219	59.4	5,404	26.2	39	
Negro	217,006	76,748	35.4	125,446	57.8	12,684	5.8	967	222,527	57,639	25.9	127,984	57.5	34,101	15.3	2,069	
Oklahoma	553,026	197,510	35.7	321,850	58.2	26,662	4.8	3,151	453,381	100,265	21.9	317,450	69.3	36,128	7.9	2,893	
Native white—Native parentage	428,100	153,496	35.9	250,348	58.5	19,142	4.5	2,226	357,827	78,479	21.9	250,375	70.0	25,745	7.2	1,940	
Native white—Foreign or mixed par.	34,623	13,724	39.6	19,086	55.1	1,383	4.0	204	28,161	7,582	26.9	18,745	66.6	1,586	5.6	140	
Foreign-born white	24,701	7,091	28.7	15,507	62.8	1,659	6.7	159	13,497	1,118	8.3	10,696	79.2	1,590	11.8	69	
Negro	45,671	16,170	35.4	25,345	55.5	3,428	7.5	460	39,278	8,566	21.8	25,136	64.0	4,871	12.4	555	
Texas	1,253,272	466,562	37.2	717,027	57.2	57,892	4.6	6,278	1,138,840	296,496	26.0	713,569	62.7	116,712	10.2	9,283	
Native white—Native parentage	811,440	306,165	37.7	466,714	57.5	32,386	4.0	2,799	737,623	193,882	26.3	473,622	64.2	64,971	8.8	3,507	
Native white—Foreign or mixed par.	107,410	50,683	47.2	52,940	49.3	2,957	2.8	430	100,246	35,967	35.9	57,193	57.1	6,227	6.2	625	
Foreign-born white	122,601	35,948	29.3	76,976	62.8	8,554	7.0	563	89,814	13,570	15.1	60,629	67.5	14,885	16.6	525	
Negro	210,725	73,187	34.7	120,027	57.0	13,930	6.6	2,481	210,903	53,027	25.1	121,959	57.8	30,997	14.5	4,623	
MOUNTAIN.																	
Montana	175,220	91,760	52.4	74,423	42.5	5,338	3.0	1,175	98,645	25,961	26.3	64,185	65.1	7,380	7.5	834	
Native white—Native parentage	68,489	34,844	50.9	29,779	43.5	2,264	3.3	526	42,088	11,513	27.4	27,302	64.9	2,731	6.5	378	
Native white—Foreign or mixed par.	36,938	22,180	60.0	13,497	36.5	886	2.4	292	27,208	10,056	37.0	15,508	57.0	1,368	5.0	224	
Foreign-born white	62,746	31,721	50.6	27,563	43.9	1,975	3.1	314	25,278	3,681	14.6	18,620	73.7	2,746	10.9	177	
Negro	911	454	49.8	393	43.1	41	4.5	15	627	163	26.0	360	57.4	82	13.1	22	
Idaho	130,250	59,751	45.9	64,043	49.2	4,407	3.4	943	86,896	21,475	24.7	58,904	67.8	5,599	6.4	567	
Native white—Native parentage	71,334	31,924	44.8	35,625	49.9	2,488	3.5	580	51,757	13,710	26.5	34,498	66.7	2,993	5.8	336	
Native white—Foreign or mixed par.	27,897	13,531	48.5	13,469	48.3	624	2.2	164	21,629	6,506	29.7	14,343	65.4	896	4.1	121	
Foreign-born white	27,341	12,395	45.3	13,388	49.0	1,171	4.3	154	11,696	1,042	8.9	9,066	77.5	1,488	12.7	82	
Negro	350	179	51.1	142	40.6	17	4.9	10	209	61	29.2	113	54.1	30	14.4	3	
Wyoming	71,730	40,383	56.3	28,498	39.7	2,042	2.8	500	35,026	8,225	23.5	24,199	69.1	2,164	6.2	340	
Native white—Native parentage	35,658	19,652	55.1	14,439	40.5	1,096	3.1	304	19,433	4,791	24.7	13,346	68.7	1,058	5.4	191	
Native white—Foreign or mixed par.	12,836	7,417	57.8	4,985	38.8	311	2.4	95	8,107	2,529	31.2	5,116	63.1	368	4.5	81	
Foreign-born white	19,406	10,801	55.4	8,001	41.0	549	2.8	80	6,442	704	10.9	5,103	79.2	583	9.1	42	
Negro	1,408	988	70.2	364	25.9	29	2.1	16	560	152	27.1	306	54.6	76	13.6	26	
Colorado	315,422	129,828	41.2	167,799	53.2	13,457	4.3	2,782	255,736	65,931	25.8	160,546	62.8	25,752	10.1	3,043	
Native white—Native parentage	174,376	69,763	40.0	94,322	54.1	7,580	4.3	1,682	149,657	39,489	26.4	93,483	62.5	14,444	9.7	1,929	
Native white—Foreign or mixed par.	58,336	29,133	49.5	27,134	46.1	1,908	3.2	303	55,804	19,514	34.9	31,546	56.8	4,084	7.3	633	
Foreign-born white	74,439	27,180	36.5	42,882	57.6	3,991	4.8	493	45,336	5,908	13.0	32,664	72.0	6,349	14.0	968	
Negro	4,761	1,722	36.2	2,608	54.8	317	6.7	95	4,422	930	21.2	2,529	57.2	838	18.7	111	
New Mexico	114,295	43,684	38.2	63,648	55.7	5,978	5.2	759	92,287	21,461	23.3	61,048	66.2	8,845	9.6	867	
Native white—Native parentage	84,780	31,786	37.5	47,958	56.6	4,289	5.1	554	72,235	17,240	23.9	47,830	66.2	6,497	9.0	618	
Native white—Foreign or mixed par.	8,607	4,037	46.9	4,118	47.8	280	4.4	65	7,050	2,226	31.6	4,222	59.9	543	7.7	57	
Foreign-born white	13,688	5,404	39.5	7,412	54.1	782	5.7	75	6,710	865	12.9	4,872	72.6	927	13.8	41	
Negro	718	283	39.4	357	49.7	61	8.5	14	520	107	20.6	305	58.7	90	17.3	17	
Arizona	85,386	39,106	45.8	40,708	47.7	3,723	4.4	661	54,182	12,035	22.2	35,601	65.7	5,668	10.5	533	
Native white—Native parentage	33,022	15,351	46.5	15,354	46.5	1,416	4.3	313	21,377	5,121	24.0	14,187	66.4	1,742	8.1	183	
Native white—Foreign or mixed par.	13,251	7,127	53.8	5,399	40.7	448	3.4	117	10,102	3,261	32.3	6,085	60.2	625	6.2	66	
Foreign-born white	27,976	13,070	46.7	13,392	47.9	1,180	4.2	115	13,675	2,058	15.0	9,526	68.2	2,158	15.8	74	
Negro	827	313	37.8	434	52.5	54	6.5	16	734	167	22.8	402	54.8	141	19.2	22	
Utah	126,697	51,890	41.0	68,608	54.2	3,686	2.9	730	108,011	30,083	27.9	66,255	61.3	9,949	9.2	918	
Native white—Native parentage	43,748	20,2															



## MARITAL CONDITION.

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## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE URBAN AND RURAL POPULATION: 1910.

Table 34

Table 34  CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.
		Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.			Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	
ALL CLASSES.																
Urban communities:																
15 years and over.....	15,687,914	6,276,507	40.0	8,582,080	54.7	665,893	4.2	78,616	15,333,853	5,025,467	32.8	8,376,444	54.6	1,766,292	11.6	110,961
15 to 19 years.....	1,926,230	1,901,292	98.7	14,327	0.7	329	( <sup>1</sup> )	116	2,077,041	1,901,171	91.5	160,622	7.7	3,079	0.1	1,428
20 to 24 years.....	2,230,623	1,767,465	78.5	463,479	20.6	6,111	0.3	2,911	2,319,305	1,295,154	55.8	984,534	42.4	23,387	1.0	10,735
25 to 34 years.....	4,155,747	1,691,477	38.5	2,472,433	59.5	49,409	1.2	19,088	3,879,847	1,012,546	26.1	2,688,805	69.6	127,714	3.3	36,091
35 to 44 years.....	3,185,647	584,427	18.3	2,469,541	77.5	100,035	3.1	24,383	2,947,612	429,218	14.6	2,222,404	75.4	261,462	8.9	32,228
45 to 64 years.....	3,320,534	337,065	10.8	2,647,608	79.7	282,639	8.5	27,333	3,167,330	313,130	9.9	2,030,143	64.1	794,341	25.1	27,131
65 years and over.....	782,062	48,721	6.2	501,954	64.2	225,373	28.8	4,483	910,948	65,290	7.2	269,471	29.6	571,475	62.7	3,088
Age unknown.....	67,071	16,060	23.9	12,738	19.0	2,000	3.0	302	31,140	8,938	28.7	10,465	33.6	4,834	15.5	280
Rural communities:																
15 years and over.....	16,737,891	6,273,622	37.5	9,510,320	56.8	805,497	4.8	77,546	14,713,472	3,907,703	26.6	9,308,243	63.3	1,389,936	9.4	74,077
15 to 19 years.....	2,601,052	2,546,775	97.9	37,550	1.4	781	( <sup>1</sup> )	231	2,439,280	2,084,593	84.8	352,617	14.3	7,182	0.3	2,212
20 to 24 years.....	2,329,667	1,664,696	71.5	636,614	27.3	12,704	0.5	3,821	2,156,759	898,529	40.3	1,240,828	57.5	31,967	1.5	9,635
25 to 34 years.....	3,745,369	1,166,480	31.1	2,492,330	66.5	61,022	1.6	15,483	3,371,225	504,150	15.0	2,745,089	81.4	96,613	2.9	21,171
35 to 44 years.....	2,967,719	442,075	14.9	2,403,612	81.0	95,666	3.3	18,305	2,556,709	199,298	7.8	2,187,906	85.6	150,434	5.9	17,041
45 to 64 years.....	3,842,798	365,636	9.5	3,124,022	81.3	316,006	8.2	30,844	3,063,427	186,414	6.0	2,353,354	76.1	530,497	17.1	20,003
65 years and over.....	1,203,914	74,601	6.2	801,814	66.6	313,685	26.1	8,592	1,052,600	58,933	5.6	417,864	39.7	569,083	54.1	3,815
Age unknown.....	47,372	13,359	28.2	14,572	30.8	2,633	5.6	270	23,472	5,756	24.5	10,585	45.1	4,160	17.7	200
NATIVE WHITE—NATIVE PARENTAGE.																
Urban communities:																
15 years and over.....	6,120,304	2,460,977	40.2	3,312,098	54.1	258,606	4.2	40,545	5,197,574	2,106,687	34.0	3,318,766	63.5	698,079	11.3	57,005
15 to 19 years.....	855,880	843,231	98.5	7,806	0.9	139	( <sup>1</sup> )	57	920,693	836,939	90.9	77,006	8.4	1,215	0.1	749
20 to 24 years.....	913,338	698,011	76.4	206,864	22.6	2,557	0.3	1,611	969,121	538,048	55.5	414,229	42.7	8,639	0.9	5,653
25 to 34 years.....	1,574,856	571,043	36.3	968,773	61.5	19,881	1.3	10,231	1,541,875	397,011	25.7	1,078,251	69.9	46,364	3.0	18,279
35 to 44 years.....	1,133,049	195,397	17.2	886,124	78.2	36,552	3.2	12,290	1,081,173	100,205	14.8	815,492	75.4	88,307	8.2	16,280
45 to 64 years.....	1,252,103	124,524	9.9	1,096,117	86.4	105,341	8.4	13,787	1,243,519	135,232	10.7	801,794	64.5	263,237	23.6	14,217
65 years and over.....	347,390	20,135	5.8	230,910	66.5	93,319	26.9	2,423	424,400	36,537	8.6	126,824	29.9	258,682	61.0	1,695
Age unknown.....	43,688	8,636	19.8	5,504	12.6	817	1.9	176	16,793	4,715	28.1	5,200	31.0	1,635	9.7	131
Rural communities:																
15 years and over.....	10,112,791	3,724,347	36.8	5,832,001	57.7	470,277	4.7	46,911	9,326,326	2,537,435	27.2	5,900,619	63.3	825,481	8.9	43,048
15 to 19 years.....	1,696,648	1,661,242	97.9	26,012	1.5	389	( <sup>1</sup> )	121	1,615,814	1,392,917	84.3	241,328	14.9	3,179	0.2	1,202
20 to 24 years.....	1,419,576	993,374	70.0	411,436	29.0	6,313	0.4	2,152	1,380,887	556,486	40.3	802,622	58.1	13,212	1.0	5,249
25 to 34 years.....	2,213,310	610,708	27.6	1,555,778	70.3	32,903	1.5	9,152	2,120,634	316,183	14.9	1,744,772	82.3	45,653	2.2	11,657
35 to 44 years.....	1,720,995	219,796	12.8	1,433,218	83.3	64,571	3.2	11,032	1,600,549	124,260	8.0	1,347,617	86.4	77,779	5.0	9,719
45 to 64 years.....	2,295,222	190,877	8.3	1,896,532	82.6	185,175	8.1	19,039	1,949,156	128,575	6.6	1,487,907	76.3	318,124	16.3	12,580
65 years and over.....	741,959	40,907	5.5	502,491	67.7	189,538	25.5	5,230	687,319	45,600	6.6	271,360	39.5	365,871	53.2	2,560
Age unknown.....	25,081	7,444	29.7	6,534	26.1	1,388	5.5	165	11,947	3,424	28.7	5,013	42.0	1,663	13.9	81
NATIVE WHITE—FOREIGN OR MIXED PARENTAGE.																
Urban communities:																
15 years and over.....	3,594,508	1,850,359	51.5	1,621,357	45.1	98,157	2.7	15,834	3,955,301	1,762,246	44.6	1,878,389	47.5	283,695	7.2	22,675
15 to 19 years.....	694,456	688,827	99.2	2,359	0.3	61	( <sup>1</sup> )	29	749,976	704,412	95.1	32,354	4.4	304	( <sup>1</sup> )	212
20 to 24 years.....	581,132	488,452	84.1	89,133	15.3	934	0.2	484	657,325	435,554	66.3	214,895	32.7	3,051	0.5	1,960
25 to 34 years.....	901,800	406,775	45.1	479,792	53.2	9,616	1.1	3,966	1,006,904	350,373	34.8	623,348	61.9	24,324	2.4	7,597
35 to 44 years.....	718,120	168,673	23.5	521,323	72.6	21,748	3.0	5,634	788,293	164,241	20.8	555,366	70.5	60,767	7.7	7,230
45 to 64 years.....	634,191	90,834	14.3	487,836	76.9	49,753	7.8	5,233	684,721	98,691	14.4	429,278	62.6	150,917	22.0	5,379
65 years and over.....	61,652	5,311	8.6	39,944	64.8	15,876	25.8	436	73,802	7,366	10.0	22,116	30.0	43,947	59.5	278
Age unknown.....	3,157	1,487	47.1	968	30.7	169	5.4	25	3,340	1,606	48.2	1,032	30.9	388	11.5	29
Rural communities:																
15 years and over.....	2,190,629	1,055,683	48.2	1,066,349	48.2	62,622	2.9	8,854	1,931,830	690,771	35.8	1,130,234	58.5	98,623	5.1	7,531
15 to 19 years.....	400,405	396,578	99.0	1,276	0.3	31	( <sup>1</sup> )	8	399,738	343,879	83.0	23,441	6.3	179	( <sup>1</sup> )	107
20 to 24 years.....	332,989	281,122	84.4	49,402	14.8	453	0.1	251	301,662	166,413	55.2	132,382	43.9	1,238	0.4	638
25 to 34 years.....	520,183	217,935	41.9	294,684	56.7	4,683	0.9	1,594	476,409	103,804	21.8	362,335	76.1	17,317	3.6	2,177
35 to 44 years.....	425,531	91,005	21.4	320,894	75.4	10,880	2.5	2,474	372,929	42,789	11.5	312,512	83.8	15,234	4.1	2,130
45 to 64 years.....	442,031	61,850	14.0	345,765	78.2	30,055	6.8	3,855	356,443	29,819	8.4	276,635	77.6	47,474	13.3	2,279
65 years and over.....	67,010	6,137	9.2	43,440	64.8	16,967	24.9	651	53,122	3,533	6.7	22,310	42.0	27,012	50.8	191
Age unknown.....	2,480	1,056	42.6	888	35.8	151	6.1	21	1,627	534	35.0	619	40.5	160	11.1	9
FOREIGN-BORN WHITE.																
Urban communities:																
15 years and over.....	4,943,990	1,566,245	31.7	3,100,063	62.7	244,984	5.0	14,185	4,112,236	860,659	20.9	2,628,402	63.9	601,642	14.6	15,956
15 to 19 years.....	260,263	256,726	98.6	2,603	0.8	43	( <sup>1</sup> )	11	271,574	238,710	87.9	31,151	11.5	253	0.1	82
20 to 24 years.....	603,923	477,934	79.1	121,731	20.2	882	0.1	254	508,702	242,695	47.7	261,727	51.4	2,518	0.5	703
25 to 34 years.....	1,381,979	517,143	37.4	847,088	61.3	10,417	0.8	2,231	1,023,072	203,321	19.9	792,309	77.4	22,290	2.2	4,114
35 to 44 years.....	1,112,341	174,954	15.7	903,383	81.2	27,297	2.5	3,960	872,986	84,197	9.6	717,762	82.2	56,880	7.5	4,675
45 to 64 years.....	1,237,970	114,666	9.3	1,013,657	81.9</											



## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES OF 250,000 INHABITANTS OR MORE: 1910.

Table 35  CITY AND CLASS OF POPULATION.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.
		Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	
Baltimore, Md.	193,703	76,598	39.5	106,466	55.0	9,318	4.8	922	214,672	76,947	35.8	108,520	50.6	27,605	12.9	1,198
Native white—Native parentage	84,768	37,243	43.9	43,517	51.3	3,349	4.0	470	94,777	38,360	40.5	45,541	48.1	10,054	10.6	622
Native white—Foreign or mixed par.	42,503	18,926	44.4	21,827	51.2	1,557	3.7	211	48,451	19,775	40.8	23,495	48.5	4,821	10.0	296
Foreign-born white	36,039	8,625	23.9	24,917	69.1	2,349	6.5	93	35,854	6,634	18.5	22,380	62.4	6,685	18.6	113
Negro	29,982	11,651	38.9	16,045	53.5	2,060	6.9	146	35,572	12,170	34.2	17,095	48.1	6,044	17.0	197
Boston, Mass.	241,277	106,279	44.0	122,810	50.9	10,892	4.5	914	253,488	101,490	40.0	120,215	47.4	30,110	11.9	1,516
Native white—Native parentage	55,599	24,740	44.5	27,098	48.8	3,001	5.4	449	58,540	25,272	43.2	24,350	41.6	8,095	13.8	772
Native white—Foreign or mixed par.	67,919	41,267	60.8	24,428	36.0	1,960	2.9	186	72,938	40,934	56.1	26,731	36.6	4,899	6.7	310
Foreign-born white	111,103	37,391	33.7	67,836	61.1	5,528	5.0	242	116,389	33,531	28.8	66,394	57.0	16,038	13.8	386
Negro	5,482	2,359	43.0	2,778	50.7	303	5.5	37	5,572	1,744	31.3	2,710	48.6	1,069	19.2	47
Buffalo, N. Y.	152,794	63,132	41.3	83,284	54.5	5,684	3.7	306	151,215	52,939	35.0	81,424	53.8	16,112	10.7	456
Native white—Native parentage	38,596	18,716	48.5	18,363	47.6	1,170	3.0	122	38,314	16,751	43.7	18,049	47.1	3,213	8.4	172
Native white—Foreign or mixed par.	53,524	27,666	51.7	24,319	45.4	1,359	2.5	99	59,517	26,561	44.6	28,284	47.5	4,407	7.4	166
Foreign-born white	59,787	16,354	27.4	40,178	67.2	3,101	5.2	85	52,663	9,387	17.8	34,718	65.9	8,381	15.9	117
Negro	791	362	45.8	366	46.3	53	6.7	8	696	223	32.0	363	52.2	107	15.4	1
Chicago, Ill.	824,058	343,206	41.6	442,081	53.6	27,586	3.3	3,949	760,365	251,715	33.1	423,839	55.7	76,813	10.1	5,890
Native white—Native parentage	150,055	64,271	42.8	74,303	49.5	5,057	3.4	1,251	141,917	52,633	37.1	71,771	50.6	14,742	10.4	1,968
Native white—Foreign or mixed par.	246,428	143,653	58.3	96,514	39.2	4,300	1.7	1,056	268,117	132,330	49.4	119,386	44.5	13,810	5.2	1,814
Foreign-born white	406,297	126,504	31.1	260,460	64.1	16,983	4.2	1,361	332,267	62,930	18.9	222,646	67.0	44,504	13.4	1,757
Negro	19,372	7,631	39.4	10,076	52.0	1,232	6.4	279	17,962	3,800	21.2	9,978	55.6	3,746	20.9	355
Cincinnati, Ohio.	134,873	56,365	41.8	70,858	52.5	6,427	4.8	904	143,721	51,293	35.7	70,435	49.0	20,416	14.2	1,409
Native white—Native parentage	48,881	24,751	50.6	22,006	45.0	1,596	3.3	342	50,687	22,015	43.4	23,375	46.1	4,554	9.0	647
Native white—Foreign or mixed par.	49,692	21,887	44.0	25,764	51.8	1,690	3.3	341	58,625	22,997	39.2	28,685	48.9	6,415	10.9	496
Foreign-born white	28,030	6,440	23.0	18,809	67.1	2,621	9.4	140	26,402	4,225	16.0	14,067	53.3	7,965	30.2	140
Negro	8,246	3,268	39.6	4,284	52.0	550	6.7	81	8,002	2,054	25.7	4,305	53.8	1,482	18.5	126
Cleveland, Ohio.	298,923	79,854	26.7	121,055	37.9	6,534	3.1	910	191,747	58,160	30.3	113,234	59.1	18,835	9.8	1,347
Native white—Native parentage	43,754	17,935	41.0	23,765	54.3	1,339	3.1	288	42,692	15,265	35.8	22,679	53.1	4,186	9.8	484
Native white—Foreign or mixed par.	59,278	32,001	54.0	25,991	43.8	979	1.7	252	65,142	29,600	45.4	31,550	48.4	3,504	5.4	436
Foreign-born white	102,008	28,450	27.9	60,154	58.8	4,019	3.9	307	80,533	12,469	15.5	57,031	70.8	10,629	13.2	366
Negro	3,630	1,350	37.2	2,017	55.6	194	5.3	53	3,361	819	24.4	1,965	58.5	513	15.3	61
Detroit, Mich.	177,039	70,667	39.9	98,741	55.8	5,836	3.3	992	162,354	52,074	32.1	92,488	57.0	15,996	9.9	1,598
Native white—Native parentage	39,431	17,075	43.3	20,231	51.3	1,252	3.2	334	36,438	12,989	35.6	19,338	53.1	3,473	9.5	557
Native white—Foreign or mixed par.	53,671	28,264	52.7	24,007	44.7	1,047	2.0	285	58,288	26,538	45.5	28,020	48.1	3,191	5.5	472
Foreign-born white	81,410	24,352	29.9	53,137	65.3	3,406	4.2	346	65,341	11,993	18.4	43,830	67.1	8,941	13.7	535
Negro	2,465	938	38.1	1,343	54.5	130	5.3	27	2,261	545	24.1	1,286	56.9	388	17.2	34
Jersey City, N. J.	96,081	40,102	41.7	51,147	53.2	4,318	4.5	113	89,843	29,830	33.2	49,634	55.2	10,112	11.3	129
Native white—Native parentage	22,232	10,500	47.2	10,569	47.7	872	3.9	48	21,437	8,905	41.5	10,474	48.9	1,970	9.2	36
Native white—Foreign or mixed par.	30,877	16,559	53.6	13,223	42.8	1,023	3.3	30	32,826	15,091	46.0	15,326	46.7	2,311	7.0	56
Foreign-born white	40,486	12,073	29.8	25,932	64.1	2,332	5.8	28	33,370	5,333	16.0	22,487	67.4	5,479	16.4	30
Negro	2,335	861	36.9	1,353	57.9	111	4.8	7	2,206	500	22.7	1,344	60.9	352	16.0	7
Los Angeles, Cal.	130,536	51,501	39.5	71,807	55.0	5,559	4.3	1,443	124,328	35,307	28.4	70,635	56.8	16,544	13.3	1,728
Native white—Native parentage	66,333	25,646	38.7	36,737	55.4	2,947	4.4	886	66,565	19,186	28.8	37,059	55.7	9,170	13.8	1,090
Native white—Foreign or mixed par.	24,695	11,240	45.5	12,426	50.3	756	3.1	245	28,499	10,325	36.2	15,149	53.2	2,633	9.2	368
Foreign-born white	31,494	10,647	33.8	18,855	59.9	1,670	5.3	275	25,529	5,018	19.7	16,108	63.1	4,157	16.3	221
Negro	2,921	1,002	34.3	1,747	59.8	144	4.9	25	3,070	668	21.8	1,783	58.1	568	18.5	47
Milwaukee, Wis.	135,870	55,852	41.1	74,449	54.8	4,394	3.2	724	131,112	46,516	35.5	71,129	54.3	12,127	9.2	1,125
Native white—Native parentage	20,939	11,646	55.6	8,426	40.2	447	2.1	137	21,830	11,541	52.9	8,768	40.2	1,279	5.9	224
Native white—Foreign or mixed par.	54,786	28,643	52.3	24,928	45.5	910	1.7	257	62,759	28,837	45.9	30,266	48.2	3,048	4.9	509
Foreign-born white	59,662	15,351	25.7	40,874	68.5	3,005	5.0	321	46,091	5,994	13.0	31,896	69.2	7,724	16.8	379
Negro	422	175	41.5	203	48.1	29	6.9	9	431	144	33.4	198	45.9	76	17.6	13
Minneapolis, Minn.	121,934	56,540	46.4	58,384	47.9	4,192	3.4	596	109,116	40,647	37.3	56,604	51.9	9,643	8.8	869
Native white—Native parentage	37,207	17,161	46.1	17,217	46.3	1,321	3.6	249	32,400	12,412	38.3	15,735	48.6	3,311	10.2	368
Native white—Foreign or mixed par.	35,926	20,889	58.1	13,686	38.1	670	1.9	139	40,568	20,229	49.9	17,789	43.8	1,827	4.5	234
Foreign-born white	47,358	17,841	37.7	26,820	56.6	2,117	4.5	194	35,229	7,767	22.0	22,617	64.2	4,374	12.4	251
Negro	1,321	588	44.5	601	45.5	83	6.3	14	907	235	25.9	516	56.9	130	14.3	16
New Orleans, La.	115,620	47,765	41.3	59,532	51.5	5,934	5.1	382	127,332	42,644	33.5	60,852	47.8	22,449	17.6	698
Native white—Native parentage	44,055	22,232	50.5	18,507	42.0	1,533	3.5	145	45,854	19,875	43.3	20,297	44.3	5,164	11.3	228
Native white—Foreign or mixed par.	27,420	10,743	39.2	15,098	55.1	1,380	5.0	98	32,694	10,645	32.6	16,432	50.3	5,360	16.4	150
Foreign-born white	14,003	3,722														



## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910.

Table 36

CITY.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.
		Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	
<b>Alabama</b>																
Birmingham.....	47,989	17,821	37.1	27,140	56.6	2,728	5.7	188	46,170	10,946	23.7	27,267	59.1	7,503	16.3	388
Mobile.....	17,618	6,882	39.1	9,469	53.7	1,103	6.3	99	20,139	6,222	30.9	9,715	48.2	3,924	19.5	224
Montgomery.....	12,857	4,843	37.7	7,160	55.7	780	6.1	31	15,177	4,349	28.7	7,667	50.5	3,012	19.8	110
<b>Arkansas</b>																
Little Rock.....	17,361	6,705	38.6	9,486	54.6	982	5.7	165	17,179	4,474	26.0	9,575	55.7	2,815	16.4	304
<b>California</b>																
Berkeley.....	14,941	6,059	40.6	8,253	55.2	501	3.4	84	16,318	5,535	33.9	7,959	48.8	2,246	13.8	563
Oakland.....	61,380	24,891	40.6	32,761	53.4	2,568	4.2	676	55,066	15,423	28.0	31,310	56.9	7,464	13.6	822
Pasadena.....	10,629	3,586	33.6	6,387	59.9	599	5.6	55	13,484	4,598	34.1	6,642	49.3	2,101	15.6	121
Sacramento.....	21,033	10,086	48.0	9,654	45.9	882	4.2	305	15,207	4,283	28.2	8,612	56.6	2,013	13.2	287
San Diego.....	16,700	6,716	40.2	8,512	51.0	985	5.9	224	14,901	4,200	28.2	8,317	55.8	2,158	14.5	202
San Jose.....	11,180	4,328	38.7	6,122	54.8	579	5.2	105	11,331	3,491	30.8	5,965	52.6	1,705	15.0	157
<b>Colorado</b>																
Colorado Springs.....	10,670	3,719	34.9	6,249	58.6	531	5.0	124	11,649	3,722	32.0	6,201	53.2	1,559	13.4	148
Denver.....	82,690	32,045	38.8	45,541	55.1	3,482	4.2	952	81,308	23,617	29.0	45,732	56.2	10,293	12.7	1,537
Pueblo.....	19,010	8,569	45.1	9,249	48.7	874	4.6	177	13,814	3,553	25.7	8,550	61.9	1,471	10.6	179
<b>Connecticut</b>																
Bridgeport.....	38,690	15,686	40.5	21,280	55.0	1,552	4.0	97	35,598	11,448	32.2	20,178	56.7	3,782	10.6	149
Hartford.....	36,167	14,635	40.5	19,398	53.6	1,488	4.1	81	36,648	13,055	35.6	19,196	52.4	4,215	11.5	146
Meriden town.....	11,475	4,504	39.3	6,309	55.0	611	5.3	34	11,597	4,089	35.3	6,261	54.0	1,185	10.2	43
Meriden city.....	9,714	3,825	39.4	5,367	55.2	481	5.0	50	9,930	3,502	35.3	5,585	55.6	1,095	10.5	59
New Britain.....	16,513	7,052	42.7	8,817	53.4	564	3.4	28	14,114	4,826	34.2	8,068	57.2	1,138	8.1	47
New Haven.....	47,064	18,823	39.5	26,417	56.4	2,178	4.6	134	47,998	16,649	34.7	25,510	53.1	5,566	11.6	188
Norwich town.....	9,785	3,770	38.5	5,429	55.5	556	5.7	20	10,888	4,148	38.1	5,359	49.2	1,329	12.2	40
Stamford town.....	10,446	4,091	39.2	5,834	55.8	461	4.4	24	10,335	3,536	34.2	5,618	54.4	1,119	10.8	46
Stamford city.....	8,948	5,480	58.9	5,076	56.7	556	4.0	21	8,930	5,065	56.8	4,880	54.6	841	10.5	56
Waterbury.....	26,857	11,613	43.2	14,174	52.8	987	3.7	48	24,225	8,670	35.8	13,272	54.8	2,198	9.1	59
<b>Delaware</b>																
Wilmington.....	32,425	12,755	39.3	17,806	54.9	1,590	4.9	74	31,664	10,232	32.3	17,368	54.9	3,836	12.1	113
<b>Florida</b>																
Jacksonville.....	22,501	8,464	37.6	12,277	54.6	1,109	4.9	148	21,519	5,345	24.8	12,683	58.9	3,128	14.5	226
Tampa.....	13,824	5,713	41.3	7,408	53.6	564	4.1	87	12,409	2,903	23.4	7,509	60.5	1,788	14.4	158
<b>Georgia</b>																
Atlanta.....	53,119	20,065	37.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311
Augusta.....	14,139	5,388	38.1	7,847	55.5	795	5.6	43	16,533	4,908	29.7	8,205	49.6	3,221	19.5	129
Macon.....	13,949	5,066	36.3	7,908	56.7	845	6.1	40	15,330	4,127	26.9	8,152	53.2	2,900	18.9	112
Savannah.....	22,817	8,477	37.2	12,959	56.8	1,214	5.3	89	25,071	7,009	28.0	13,508	53.9	4,299	17.1	201
<b>Illinois</b>																
Aurora.....	11,405	4,572	40.1	6,239	54.7	432	3.8	41	10,912	3,435	31.5	6,152	56.4	1,245	11.4	62
Bloomington.....	9,347	3,326	35.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83
Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,768	26.5	6,333	60.6	1,175	11.2	160
Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,369	11.7	95
East St. Louis.....	24,398	9,950	40.8	13,261	54.4	950	3.9	176	18,296	4,548	24.9	11,792	64.5	1,798	9.8	142
Elgin.....	9,263	3,353	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130
Joliet.....	13,459	5,717	42.5	7,113	52.8	414	3.1	70	11,304	3,757	33.2	6,319	55.9	1,106	9.8	63
Peoria.....	26,573	11,110	41.8	13,581	51.1	1,314	4.9	380	24,791	8,185	33.0	13,301	53.7	2,830	11.4	946
Quincy.....	13,496	5,329	39.5	7,320	54.2	704	5.2	89	14,422	5,099	35.4	7,431	51.5	1,720	11.9	127
Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	9,192	55.8	1,672	10.2	120
Springfield.....	18,652	6,988	37.5	10,536	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,230	11.5	191
<b>Indiana</b>																
Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,263	8,382	31.9	14,327	54.5	3,321	12.6	234
Fort Wayne.....	29,312	9,142	31.2	13,016	44.4	909	3.1	209	24,237	8,550	35.3	12,923	53.3	2,454	10.1	296
Indianapolis.....	88,890	31,184	35.1	52,299	58.8	4,283	4.8	873	90,417	25,362	28.1	51,801	57.3	11,904	13.2	1,230
South Bend.....	19,746	7,062	35.8	11,735	59.4	651	3.3	158	18,104	4,992	27.6	11,006	60.8	1,787	9.9	208
Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,527	11.8	337
<b>Iowa</b>																
Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125
Clinton.....	9,827	4,178	42.5	5,111	52.0	425	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113
Council Bluffs.....	11,146	4,523	40.6	5,994	53.8	517	4.6	76	10,174	3,051	30.0	5,946	58.4	1,077	10.6	94
Davenport.....	16,004	6,358	39.7	8,718	54.5	758	4.7	109	16,227	5,430	33.5	8,743	53.9	1,863	11.5	147
Des Moines.....	32,068	11,364	35.4	18,869	58.8	1,238	3.9	284	32,215	9,668	30.0	18,697	58.0	3,189	9.9	556
Dubuque.....	14,111	6,316	44.8	7,007	49.7	715	5.1	65	14,639	5,965	41.0	6,992	47.8	1,566	10.7	81
Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	5,477	33.8	9,037	55.7	1,458	9.0	144
Waterloo.....	10,491	4,131	39.4	5,808	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113
<b>Kansas</b>																
Kansas City.....	31,428	11,128	35.4	18,299	58.2	1,383	4.4	245	27,879	6,835	24.5	17,672	63.4	3,059	11.0	244
Topeka.....	16,468	5,743	34.9	9,651	58.6	836	5.1	157	16,761	4,908	29.3	9,601	57.3	2,012	12.0	220
Wichita.....	20,758	7,561	36.4	11,920	57.4	884	4.3	280	19,049	5,195	27.3	11,612	61.0	1,878	9.9	305
<b>Kentucky</b>																
Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174
Lexington.....	12,887	5,305	41.2	6,810	52.8	662	5.1	79	14,441	4,822	33.4	7,072	49.0	2,352	16.3	147
Louisville.....	80,595	32,947	40.9	42,397	52.6	4,318	5.4	799	87,067	29,565	34.0	42,892	49.3	13,189	15.1	1,314
Newport.....	10,608	4,174	39.3													



## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910—Continued.

Table 36—Continued.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.								
	CITY.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.
			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	
Massachusetts																	
Brockton.....	20,983	8,017	38.2	12,027	57.3	809	3.9	109	21,340	6,927	32.5	12,084	56.6	2,150	10.1	172	
Brookline town.....	8,377	3,233	38.6	4,796	57.3	321	3.8	16	14,043	7,577	53.9	5,069	36.1	1,328	9.4	62	
Cambridge.....	35,461	14,775	41.7	18,973	53.5	1,617	4.6	85	40,213	16,005	39.8	19,218	47.8	4,832	12.0	137	
Chelsea.....	11,852	4,623	39.0	6,453	54.4	659	5.6	38	10,938	3,684	33.7	6,032	55.1	1,169	10.7	49	
Chicopee.....	8,540	3,289	38.5	4,935	57.8	306	3.6	7	8,462	3,042	35.9	4,669	55.2	732	8.7	12	
Fiverett.....	11,350	3,991	35.2	6,886	60.7	435	3.8	20	12,404	3,988	32.2	7,008	56.5	1,348	10.9	38	
Fall River.....	38,439	14,637	38.1	21,810	56.7	1,901	4.9	79	42,572	16,209	38.2	21,839	51.3	4,320	10.1	126	
Fitchburg.....	13,247	5,348	40.4	7,316	55.2	527	4.0	30	13,512	5,010	37.1	7,152	52.9	1,312	9.7	38	
Haverhill.....	15,911	5,966	37.5	9,014	56.7	826	5.2	94	16,950	5,720	33.7	8,953	52.8	2,105	12.4	166	
Holyoke.....	19,065	7,981	41.9	10,191	53.5	834	4.4	38	21,175	8,956	42.3	10,127	47.8	2,029	9.6	47	
Lawrence.....	30,836	12,681	41.1	16,769	54.4	1,312	4.3	63	30,757	11,500	37.4	16,186	52.6	3,006	10.0	62	
Lowell.....	37,324	15,823	42.4	19,565	52.4	1,789	4.8	88	40,506	16,610	41.0	19,395	47.9	4,334	10.7	133	
Lynn.....	33,867	13,440	39.7	18,591	54.9	1,519	4.5	202	33,918	11,359	33.5	18,193	53.6	4,012	11.8	297	
Malden.....	14,505	5,171	35.6	8,682	59.9	602	4.2	43	17,096	6,208	36.3	8,798	51.5	1,996	11.7	80	
New Bedford.....	33,840	12,663	37.4	19,686	58.2	1,366	4.0	90	34,952	11,934	34.1	19,171	54.8	3,683	10.5	145	
Newton.....	12,731	4,835	38.0	7,417	58.3	451	3.5	20	16,966	7,824	46.1	7,329	43.2	1,755	10.3	48	
Pittsfield.....	11,951	4,948	41.4	6,462	54.1	497	4.2	41	11,924	4,478	37.6	6,153	51.6	1,246	10.4	43	
Quincy.....	11,627	4,672	40.2	6,508	56.0	411	3.5	31	11,267	3,795	33.7	6,325	56.1	1,103	9.8	35	
Salem.....	14,988	6,202	41.4	7,991	53.3	703	4.7	56	16,070	6,205	39.2	7,848	48.8	1,840	11.4	76	
Somerville.....	26,398	9,008	34.1	16,134	61.1	1,166	4.4	56	30,518	10,366	34.0	16,264	53.3	3,753	12.3	116	
Springfield.....	31,944	12,267	38.4	18,105	56.7	1,359	4.3	203	34,555	12,509	36.2	17,947	51.9	3,906	11.3	173	
Taunton.....	12,004	4,750	39.6	6,637	55.3	578	4.8	32	12,818	4,792	37.4	6,453	50.3	1,508	11.8	63	
Waltham.....	9,415	3,820	40.6	5,160	54.8	404	4.3	27	11,632	5,217	44.9	5,123	44.0	1,240	10.7	51	
Worcester.....	53,572	22,642	42.3	28,399	53.0	2,323	4.3	168	52,946	19,937	37.7	27,271	51.5	5,476	10.3	226	
Michigan																	
Battle Creek.....	9,068	2,900	30.0	6,201	64.1	405	4.2	123	10,066	2,561	25.4	6,136	61.0	1,186	11.8	164	
Bay City.....	15,343	5,725	37.3	8,816	57.5	716	4.7	69	15,776	5,148	32.6	8,867	56.2	1,648	10.4	100	
Flint.....	17,727	7,932	44.7	8,950	50.5	650	3.7	178	12,524	3,010	24.0	8,209	65.5	1,154	9.2	151	
Grand Rapids.....	40,379	14,138	35.0	24,125	59.7	1,562	3.9	260	41,725	12,916	31.0	24,013	57.6	4,199	10.1	407	
Jackson.....	12,312	4,128	33.5	7,310	59.4	583	4.7	241	11,956	3,216	26.9	8,978	58.4	1,327	12.8	205	
Kalamazoo.....	14,641	5,120	35.0	8,534	58.3	644	4.4	160	15,678	4,940	31.5	8,681	55.4	1,710	10.9	245	
Lansing.....	13,072	5,122	39.2	7,312	55.9	475	3.6	138	11,060	2,682	24.2	7,061	63.8	1,149	10.4	160	
Saginaw.....	18,196	6,523	35.8	10,640	58.5	785	4.3	131	19,127	6,164	32.2	10,642	55.6	2,064	10.8	172	
Minnesota																	
Duluth.....	34,518	18,068	52.3	14,887	43.1	898	2.6	105	23,381	8,071	34.5	13,242	56.6	1,567	6.7	156	
St. Paul.....	84,805	42,324	49.9	38,783	45.7	3,096	3.7	436	76,429	31,566	41.3	37,713	49.3	6,583	8.6	432	
Missouri																	
Joplin.....	11,651	3,833	32.9	7,045	60.5	619	5.3	120	11,090	2,571	23.2	6,998	63.1	1,342	12.1	176	
Kansas City.....	100,038	37,390	37.6	54,091	54.7	4,582	4.6	1,104	95,607	27,195	28.4	54,397	56.9	11,855	12.4	1,506	
St. Joseph.....	30,429	12,293	40.4	16,100	52.9	1,492	4.9	271	28,267	8,569	30.3	15,934	56.4	3,328	11.8	368	
Springfield.....	12,620	4,272	33.9	7,599	60.2	581	4.6	80	12,874	3,625	28.2	7,620	59.2	1,435	11.1	146	
Montana																	
Butte.....	17,679	9,245	52.3	7,724	43.7	489	2.8	136	12,145	3,615	29.8	7,117	58.6	1,267	10.4	135	
Nebraska																	
Lincoln.....	16,339	6,127	37.5	9,364	57.3	613	3.8	99	16,587	5,292	31.9	9,442	56.9	1,706	10.3	124	
Omaha.....	50,145	22,417	44.7	24,816	49.5	2,240	4.5	562	44,657	15,200	34.0	24,213	54.2	4,555	10.2	624	
South Omaha.....	10,341	4,782	46.2	5,147	49.8	319	3.1	49	7,519	2,119	28.2	4,759	63.3	574	7.6	51	
New Hampshire																	
Manchester.....	24,648	10,272	41.7	13,186	53.5	1,043	4.2	112	25,904	10,210	39.4	12,705	49.0	2,771	10.7	161	
Nashua.....	9,481	3,838	40.5	5,149	54.2	432	4.6	59	9,464	3,369	35.6	4,985	52.7	1,061	11.2	47	
New Jersey																	
Atlantic City.....	17,735	6,744	38.0	9,955	56.1	840	4.7	48	17,986	5,446	30.3	10,005	55.6	2,389	13.3	75	
Bayonne.....	19,605	8,024	40.9	10,932	55.8	618	3.2	12	16,343	4,800	29.4	10,116	61.9	1,408	8.6	79	
Camden.....	33,964	11,614	34.2	20,639	60.8	1,580	4.7	76	33,673	9,218	27.4	20,470	60.8	3,837	11.4	120	
East Orange.....	11,322	3,799	33.6	7,086	62.6	415	3.7	13	15,126	6,046	40.0	7,310	48.3	1,730	11.4	27	
Elizabeth.....	26,657	10,850	40.7	14,830	55.6	918	3.4	29	24,292	7,728	31.8	14,110	58.1	2,387	9.8	33	
Hoboken.....	26,443	11,325	42.8	13,914	52.6	1,109	4.2	38	23,326	7,462	32.0	13,303	57.0	2,492	10.7	38	
Orange.....	10,070	3,973	39.5	5,631	55.9	404	4.0	14	10,730	4,030	37.6	5,533	51.6	1,107	10.3	26	
Passaic.....	17,994	6,412	35.6	10,688	59.4	465	2.6	10	19,720	7,654	38.8	10,298	52.2	1,412	7.2	33	
Paterson.....	44,128	17,040	38.6	24,720	56.0	2,020	4.6	84	44,967	15,509	34.5	24,426	54.3	4,760	10.6	103	
Perth Amboy.....	11,804	4,486	38.0	7,011	59.4	277	2.3	16	9,204	2,519	27.4	6,051	65.7	612	6.6	13	
Trenton.....	36,801	14,571	39.6	20,612	56.0	1,503	4.1	96	33,191	10,338	31.1	19,189	57.8	3,547	10.7	104	
West Hoboken town.....	12,214	4,340	35.5	7,422	60.8	434	3.6	9	12,282	3,744	30.5	7,294	59.4	1,219	9.9	19	
New York																	
Albany.....	36,933	15,546	42.1	19,087	51.7	2,072	5.6	79	40,813	15,928	39.0	19,195	47.0	5,469	13.4	132	
Amsterdam.....	11,252	4,443	39.5	6,369	56.6	419	3.7	19	12,122	4,575	37.7	6,224	51.3	1,293	10.7	26	
Auburn.....	13,739	5,436	39.6	7,576	55.1	681	5.0	42	13,276	4,423	33.3	6,999	52.7	1,809	13.6	43	
Binghamton.....	17,879	6,416	35.9	10,431	58.3	892	5.0	81	20,194	6,830	33.8	10,500	52.0	2,722	13.5	114	
Elmira.....	14,537	6,081	41.8	7,628	52.5	783	5.4	38	14,712	5,102	34.7	7,564	51.4	1,961	13.3	79	
Jamestown.....	11,767	4,250	37.0	6,866	58.3	427	3.6	39	11,850	3,649	30.8	6,731	56.8	1,349	11.4	63	
Kingston.....	9,021	3,511	38.9	5,058	56.1	420	4.7	26	10,338	3,853	37.3	5,076	49.1	1,359	13.1	36	
Mount Vernon.....	10,411	3,722	35.8	6,362	60.5	369	3.5	6	11,709	4,234	36.0	6,138	52.2	1,369	11.6	19	
New Rochelle.....	10,538	4,536	43.0	5,651	53.6	312	3.0	27	10,010	3,485	34.8	5,438	54.3	1,057	10.6	22	
Newburgh.....	9,999	3,876	38.8	5,461	54.6	533	5.3	19	11,011	4,020	36.5	5,476	49.7	1,387	12.6	24	
Niagara Falls.....	11,997	4,778	39.8	6,744	5												



## MARITAL CONDITION.

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MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910—Continued.

Table 36—Continued.

CITY.	PERCENTAGE OF MARRIED, SINGLE, AND WIDOWED.															
	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.
		Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	
Ohio																
Akron.....	28,021	10,756	38.4	16,050	57.3	993	3.5	178	23,895	6,673	27.9	14,634	61.2	2,340	9.8	230
Canton.....	19,909	7,796	39.2	11,270	56.6	679	3.4	108	17,693	5,273	29.8	10,537	59.6	1,734	9.8	129
Columbus.....	70,787	27,888	39.4	39,240	55.4	2,914	4.1	646	69,453	21,889	31.5	38,265	55.1	8,351	12.0	824
Dayton.....	44,525	15,848	35.6	26,340	59.2	1,920	4.3	364	43,462	12,639	29.1	25,245	58.1	5,139	11.8	421
Hamilton.....	12,093	5,070	39.0	7,223	55.6	594	4.6	86	12,533	3,837	30.6	7,091	56.6	1,475	11.8	119
Lima.....	11,065	3,888	35.1	6,012	59.8	458	4.1	61	11,202	3,272	29.2	6,645	59.3	1,146	10.2	118
Lorain.....	11,709	4,377	37.4	7,050	60.2	246	2.1	39	7,978	1,698	21.3	5,751	72.1	492	6.2	37
Newark.....	9,816	3,514	35.8	5,813	59.2	418	4.3	61	9,340	2,603	27.9	5,460	58.5	1,162	12.4	109
Springfield.....	18,029	6,502	36.1	10,242	56.8	903	5.0	93	17,401	5,040	29.0	10,160	58.4	1,981	11.4	123
Toledo.....	62,129	22,568	36.3	36,345	58.5	2,764	4.4	394	61,463	18,936	30.8	35,569	57.9	6,425	10.5	482
Youngstown.....	32,672	13,334	40.8	18,063	55.3	948	2.9	95	24,443	7,073	28.9	15,007	61.4	2,175	8.9	123
Zanesville.....	10,197	3,621	35.5	6,048	59.3	435	4.3	61	11,060	3,480	31.5	6,094	55.1	1,334	12.1	128
Oklahoma																
Muskogee.....	10,136	4,041	39.9	5,412	53.4	526	5.2	66	8,577	2,122	24.7	5,435	63.4	878	10.2	101
Oklahoma City.....	28,304	12,364	43.7	14,426	51.0	1,129	4.0	265	20,874	5,133	24.6	13,486	64.6	1,921	9.2	252
Oregon																
Portland.....	99,231	51,380	51.8	42,271	42.6	3,797	3.8	1,293	68,974	21,868	31.7	38,987	56.5	6,940	10.1	1,090
Pennsylvania																
Allentown.....	17,991	5,765	32.0	11,295	62.8	842	4.7	67	19,688	6,232	31.7	11,303	57.4	2,044	10.4	93
Altoona.....	18,639	6,846	36.7	10,993	59.0	715	3.8	48	18,255	5,704	31.2	10,674	58.5	1,773	9.7	60
Chester.....	14,674	5,826	39.7	9,028	54.7	640	4.4	47	13,540	4,465	33.0	7,483	55.3	1,430	10.6	47
Easton.....	10,291	3,638	35.4	6,053	58.8	549	5.3	49	11,209	3,635	32.4	6,115	54.6	1,397	12.5	59
Erie.....	23,701	8,780	37.0	13,541	57.1	1,110	4.7	96	23,169	7,317	31.6	13,094	56.5	2,540	11.0	148
Harrisburg.....	23,421	8,044	34.3	14,135	60.4	1,112	4.7	123	25,157	7,872	31.3	14,117	56.1	2,990	11.9	173
Hazleton.....	8,238	3,200	39.0	4,678	56.8	247	3.0	15	8,196	2,920	35.6	4,598	56.1	658	8.0	17
Johnstown.....	22,613	9,246	40.9	12,696	56.1	594	2.6	52	16,292	5,043	31.0	9,831	60.3	1,351	8.3	54
Lancaster.....	16,009	5,740	35.9	9,295	58.1	861	5.4	96	19,052	7,014	36.9	9,372	49.2	2,496	13.1	145
McKeesport.....	15,414	6,278	40.7	8,529	55.3	553	3.6	35	13,162	3,983	30.3	7,943	60.3	1,169	8.9	52
New Castle.....	13,855	5,169	37.3	8,186	59.0	415	3.0	33	11,923	3,236	27.1	7,439	62.4	1,131	9.5	88
Norristown borough.....	10,028	4,143	41.3	5,342	53.3	451	4.5	30	11,515	4,470	39.5	5,409	47.8	1,348	11.9	53
Reading.....	34,411	12,124	35.2	20,402	59.3	1,684	4.9	179	35,551	11,068	31.1	20,357	57.3	3,882	10.9	235
Scranton.....	44,878	18,471	41.2	24,470	54.5	1,570	3.5	71	43,380	15,338	35.4	23,649	54.5	4,017	9.3	108
Shenandoah borough.....	9,716	4,879	50.2	4,651	47.9	156	1.6	6	6,481	1,745	26.9	4,274	65.9	449	6.9	3
Wilkes-Barre.....	22,984	9,526	41.4	12,501	54.4	833	3.7	41	22,893	8,482	37.1	12,099	52.9	2,208	9.6	75
Williamsport.....	10,920	3,712	34.0	6,066	60.5	571	5.2	27	12,834	4,528	35.3	6,651	51.8	1,576	12.3	77
York.....	15,870	5,482	34.5	9,501	59.9	784	4.9	95	16,717	5,276	31.6	9,488	56.8	1,806	10.8	142
Rhode Island																
Newport.....	11,650	6,374	54.7	4,774	41.0	445	3.8	33	9,221	3,395	36.8	4,617	50.1	1,155	12.5	42
Pawtucket.....	18,071	7,289	40.3	9,779	54.1	920	5.1	52	19,153	7,264	37.9	9,763	51.0	1,989	10.4	110
Providence.....	80,993	32,644	40.3	43,657	53.9	3,994	4.9	567	84,507	31,607	37.4	42,253	50.0	9,605	11.4	947
Warwick town.....	9,258	3,443	37.2	5,279	57.0	484	5.2	41	9,289	3,098	33.4	5,212	56.1	905	9.7	62
Woonsocket.....	12,799	5,248	41.0	6,986	54.6	517	4.0	35	13,260	5,276	39.8	6,801	51.3	1,128	8.5	26
South Carolina																
Charleston.....	19,258	7,593	39.4	10,307	53.5	1,119	5.8	30	23,153	7,602	32.8	10,745	46.4	4,582	19.8	69
Columbia.....	9,060	3,635	40.1	4,968	54.8	381	4.2	9	10,089	3,263	32.3	5,024	49.8	1,731	17.2	11
Tennessee																
Chattanooga.....	16,867	5,528	38.7	9,110	54.0	1,096	6.1	121	16,646	4,433	26.6	9,276	55.7	2,094	16.2	205
Knoxville.....	12,963	5,205	40.2	7,082	54.6	550	4.2	54	13,945	4,611	33.1	7,238	51.9	1,923	13.8	121
Memphis.....	51,360	20,833	40.6	26,404	51.4	2,928	5.7	626	49,484	13,094	26.5	26,836	54.2	8,346	16.9	1,041
Nashville.....	37,325	13,965	37.4	20,933	56.1	2,194	5.9	208	43,240	13,103	30.3	21,473	49.7	8,141	18.8	499
Texas																
Austin.....	10,339	4,060	39.3	5,364	51.9	661	6.4	91	11,347	3,827	33.7	5,535	48.8	1,668	14.7	185
Dallas.....	34,924	14,013	40.1	18,658	53.4	1,820	5.2	359	33,811	9,098	26.9	18,846	55.7	5,219	15.4	609
El Paso.....	13,708	5,256	38.3	7,591	55.4	547	4.0	63	13,426	3,476	25.9	7,850	58.5	1,943	14.5	126
Fort Worth.....	29,182	11,446	39.2	15,659	53.7	1,309	4.5	289	24,392	5,530	22.7	15,225	62.4	3,078	12.6	403
Galveston.....	14,621	6,478	44.3	7,144	48.9	804	5.5	179	12,829	3,767	29.4	6,929	54.0	1,857	14.5	265
Houston.....	30,169	11,912	39.5	16,194	53.7	1,650	5.5	258	28,683	7,607	26.5	16,213	56.5	4,295	15.0	508
San Antonio.....	33,374	12,796	38.3	18,429	55.2	1,626	4.9	321	34,582	10,071	29.1	18,841	54.5	4,983	14.4	567
Waco.....	8,946	3,292	36.8	5,070	56.7	349	3.9	44	9,584	2,783	29.0	5,237	54.6	1,302	13.6	131
Utah																
Ogden.....	9,210	3,384	36.7	4,946	53.7	233	2.5	39	8,169	2,348	28.7	4,848	59.3	779	9.5	56
Salt Lake City.....	33,787	13,595	40.2	18,299	54.2	987	2.9	309	31,563	9,174	29.1	18,190	57.6	3,299	10.5	421
Virginia																
Lynchburg.....	9,593	4,066	42.4	5,111	53.3	383	4.0	30	11,479	4,361	38.0	5,257	45.8	1,768	15.4	92
Norfolk.....	24,295	10,100	41.6	12,876	53.0	1,208	5.0	79	25,724	8,188	31.8	13,445	52.3	3,900	15.2	172
Portsmouth.....	12,935	6,426	49.7	5,915	45.7	545	4.2	21	11,055	3,259	29.5	5,979	54.1	1,782	16.1	28
Richmond.....	44,400	18,838	42.4	23,138	52.1	2,173	4.9	142	49,808	18,075	36.3	23,290	46.8	8,122	16.3	231
Roanoke.....	12,238	5,047	41.2	6,672	54.5	471	3.8	35	12,066	3,975	32.9	6,639	55.0	1,375	11.4	67
Washington																
Seattle.....	113,337	57,959	51.1	48,132	42.5	3,544	3.1	1,192	77,200	22,740	29.5	45,343	58.7	7,348	9.5	1,364
Spokane.....	45,378	20,457	45.1	22,981	50.6	1,254	2.8	395	34,854	10,098	28.7	21,557	61.8	2,768	7.9	410
Tacoma.....	37,584	17,531	46.6	17,215	45.8	1,269	3.4	316	26,380	7,503	28.4	15,985	60.6	2,301	8.7	330
West Virginia																
Huntington.....	11,264	4,453	39.5	6,343	56.3	361	3.2	55	10,537	3,204	30.4	6,237	59.2	954	9.1	96
Wheeling.....	15,078	5,951	39.5	8,326	55.2	631	4.2	50	15,648	5,321	34.0	8,372	53.5	1,816	11.6	83
Wisconsin																
Green Bay.....	8,296	3,050	37.0	4,806	58.4	332	4.0	36	8,842	3,199	36.2	4,842	54.8	723	8.2	64
La Crosse.....	10,583	4,432	41.9	5,607	53.0	459	4.3	70	11,629	4,654	40.0	5,588	48.1	1,238	10.6	126
Madison.....	9,241	3,837	41.5	5,015	54.3	334	3.6	39	10,067	3,954	39.2	4,968	49.2	1,076	10.7	77
Oshkosh.....	11,381	4,303	37.8	6,465	56.8	512	4.5	88	12,112	4,232	34.9	6,452	53.3	1,298	10.7	119
Racine.....	14,749	6,507	44.1	7,628	51.7	497	3.4	54	12,811	4,220	32.9	7,270	56.7	1,218	9.5	71
Sheboygan.....	9,557	3,724	39.0	5,354	56.0	336	3.5	39	8,782	2,837	32.3	5,107	58.			







## CHAPTER 4.

### STATE OF BIRTH OF NATIVE POPULATION.

**Introduction.**—This chapter summarizes the data obtained in answer to the inquiry on the population schedule as to the state or territory of birth of persons born in the United States. This inquiry has been included at each census beginning with that of 1850. The returns are valuable mainly for the light they throw upon the migration of population within the United States.

The term "native population" as ordinarily used by the Bureau of the Census comprises all persons born in the United States, including those born in Alaska, Hawaii, Porto Rico, and other outlying possessions of the United States, persons born at sea under the United States flag, and persons of native parentage born abroad and designated as "American citizens born abroad." The native population living in the United States (excluding persons living in outlying possessions) as above defined, numbered, in 1910, 78,456,380 persons, of whom 78,095,419 were reported as born in some specified state of the United States proper (that is, in the United States exclusive of outlying possessions), 7,365 as born in Alaska, Hawaii, Porto Rico, or other outlying possessions, 1,560 as born at sea under the United States flag, and 66,351 as American citizens born abroad. There remain 285,685 persons for whom the place of birth was either not reported at all or was reported as the United States without specifying the state or territory. These have been classified as born in the United States, state of birth not reported.

The several classes of native population above enumerated are shown by geographic divisions in Table 1.

DIVISION OF RESIDENCE.	Total population: 1910	NATIVE POPULATION.				
		Total.	Born in the United States and with state of birth reported.	Born in outlying possessions or at sea.	American citizens born abroad.	State of birth not reported.
United States.....	91,972,266	78,456,380	78,095,419	8,925	66,351	285,685
New England.....	6,552,681	4,727,571	4,702,088	373	13,786	11,324
Middle Atlantic.....	19,315,892	14,464,719	14,410,383	1,171	14,179	39,024
East North Central.....	18,250,621	15,176,855	15,103,330	457	15,121	57,947
West North Central.....	11,637,921	10,021,226	9,961,467	343	6,466	52,950
South Atlantic.....	12,194,895	11,894,901	11,869,658	545	1,957	22,741
East South Central.....	8,409,901	8,322,076	8,304,102	89	641	17,244
West South Central.....	8,784,534	8,432,342	8,392,981	373	2,792	36,196
Mountain.....	2,633,517	2,180,195	2,158,616	270	3,809	17,450
Pacific.....	4,192,304	3,236,495	3,192,792	5,304	7,590	30,809

Many of the tables in this chapter are confined to the native population reported as born in some one of the states; and when it is believed that the connection

makes the meaning clear, the terms "native" and "native American" are frequently used in the text in a restricted sense to include this class only. The table headings are more precise.

**General extent of migration of native population within the United States.**—Of the 78,095,419 persons reported in 1910 as born in some specified state, 61,185,305 were born in the same state in which they were residing at the time the census was taken, as shown by Table 2. The remainder, 16,910,114, had migrated from the state in which they were born and were living in some other state. The persons who had thus migrated formed 21.7 per cent of the total. This percentage differs but little from those shown by the four previous censuses, which have ranged from 23.2 per cent in 1870 to 20.6 per cent in 1900.

**Table 2** POPULATION BORN IN AND LIVING IN THE UNITED STATES<sup>1</sup> AND, WITH STATE OF BIRTH REPORTED.

CENSUS YEAR.	Total.	Born in state of residence.	Born in other states.	
			Number.	Per cent.
1910.....	78,095,419	61,185,305	16,910,114	21.7
1900.....	65,402,767	51,901,722	13,501,045	20.6
1890.....	52,965,719	41,871,611	11,094,108	20.9
1880.....	43,475,498	33,882,734	9,592,764	22.1
1870.....	32,978,660	25,321,340	7,657,320	23.2

<sup>1</sup> Exclusive of outlying possessions.

<sup>2</sup> Exclusive of population of Indian Territory and Indian reservations, specially enumerated in 1890, with a native population of 325,451, which, however, was not distributed by state of birth. These areas were not enumerated in 1880 or 1870.

The fact that each census from 1870 to 1910 showed that about one-fifth of the native Americans had migrated from the state in which born to other states indicates a rather high degree of mobility on the part of the population, especially when it is remembered that the census distinguishes only those persons who have migrated across state lines and not those who have moved from one locality to another within the same state. There is no doubt that some migration within the same state involves a greater change of environment, and even a longer journey, than some of the migration across state lines. Much of the movement from country to city takes place within the confines of the same state; on the other hand, some of the interstate migration is merely from one border county or city to another just across the state line. Computations made in connection with the census of 1900 indicated that almost one-half of the persons living outside of the state of birth lived in states adjoining the state of birth.



It is obvious that the statistics in Table 2 showing the number of persons living outside of the state of birth at a given census do not represent the total number of persons who have migrated from the state of birth during any given period of time. Some of those who have migrated have died, and the statistics show only those living at the time of enumeration, who may be briefly described as surviving migrants.

**Interdivisional migration.**—Table 3 shows the difference between the total number of native Americans living in each of the nine geographic divisions and the total number born in each division as reported at the census of 1910.

DIVISION.	POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1910		
	Born in the specified division.	Living in the specified division.	Gain (+) or loss (−) by interstate migration (col. 2 − col. 1).
	1	2	3
<b>United States</b> .....	<b>78,095,419</b>	<b>78,095,419</b>	.....
New England.....	4,907,215	4,702,088	−205,127
Middle Atlantic.....	15,342,852	14,410,385	−932,467
East North Central.....	16,479,755	15,103,330	−1,376,425
West North Central.....	9,449,180	9,961,467	+512,287
South Atlantic.....	12,770,824	11,869,658	−901,166
East South Central.....	9,481,023	8,304,102	−1,176,921
West South Central.....	6,758,408	8,392,981	+1,634,573
Mountain.....	1,289,296	2,158,616	+869,320
Pacific.....	1,616,866	3,192,792	+1,575,926

<sup>1</sup> Exclusive of outlying possessions.

The table shows that there were, in 1910, 4,907,215 persons living in the United States (exclusive of outlying possessions) who were reported as born in New England, while the number of native Americans residing in New England was 4,702,088, or 205,127 less. This difference represents the net loss to New England in the balancing of surviving emigrants. To put the matter in another way, if all persons should

return to the division in which they were born, the number of persons coming back to New England would exceed by 205,127 the number of persons leaving New England for other parts of the United States. It is evident that the number of persons reported as born in any division by no means indicates what the native American population of that division would have been had there been no interstate migration on the part of the present generation. If every person now living who was born in New England had remained there, the living children and grandchildren of such persons would have been added to the population of that division; as it is, the children and grandchildren of those who migrated elsewhere appear as natives of other divisions. The converse is true regarding the descendants of persons born in other divisions and now living in New England. Thus while the census makes it possible to measure what may be termed the direct effects of the migration of persons still living, it affords no means of measuring the indirect effects.

All divisions east of the Mississippi have lost more than they have gained as the direct result of the migration of persons still living. The more westerly divisions—the West North Central, West South Central, Mountain, and Pacific—have gained largely by such migration. If all the native Americans in the country should return to the states where they were born, the Pacific division would lose nearly one-half of its native American population.

The preceding table shows only the net effects of migration, the last column representing the difference between the number of persons born in a given division who were living outside of it and the number living in the division who were born outside. These numbers are shown in Table 4.

DIVISION.	POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1910							Gain (+) or loss (−) through interstate migration (col. 5 − col. 1 or col. 6 − col. 2).
	Born in the specified division.			Born in and living in the specified division.	Living in the specified division.			
	Total (col. 4 + col. 2).	Living in other divisions.			Total (col. 4 + col. 6).	Born in other divisions.		
		Number.	Per cent.			Number.	Per cent.	
1	2	3	4	5	6	7	8	
United States.....	78,095,419	11,349,040	14.5	66,746,379	78,095,419	11,349,040	14.5	.....
New England.....	4,907,215	568,763	11.6	4,338,452	4,702,088	363,636	7.7	−205,127
Middle Atlantic.....	15,342,852	1,881,406	12.3	13,461,446	14,410,385	948,939	6.6	−932,467
East North Central.....	16,479,755	3,077,070	18.7	13,402,685	15,103,330	1,700,645	11.3	−1,376,425
West North Central.....	9,449,180	1,840,185	19.5	7,608,995	9,961,467	2,352,472	23.6	+512,287
South Atlantic.....	12,770,824	1,478,110	11.6	11,292,714	11,869,658	576,944	4.9	−901,166
East South Central.....	9,481,023	1,788,681	18.9	7,692,342	8,304,102	611,760	7.4	−1,176,921
West South Central.....	6,758,408	410,966	6.1	6,347,452	8,392,981	2,045,529	24.4	+1,634,573
Mountain.....	1,289,296	188,290	14.6	1,101,006	2,158,616	1,057,610	42.0	+869,320
Pacific.....	1,616,866	115,579	7.1	1,501,287	3,192,792	1,691,505	53.0	+1,575,926

<sup>1</sup> Exclusive of outlying possessions.

Of the 78,095,419 native Americans enumerated in 1910 with state of birth reported, 11,349,040, or 14.5 per cent, were living outside the division in which born. This percentage is lower than the percentage living outside the state in which born (21.7), as shown by Table 2,

for the obvious reason that many persons migrate from one state to another within the same geographic division. They are interstate migrants, but not interdivisional. Table 4 shows that in 1910 of the 4,907,215 persons born in New England 4,338,452 were still living there



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while 568,763 were living in other divisions; on the other hand, there were 363,636 persons living in New England who had been born in other divisions. The difference between the two figures last named, 205,127, is the direct loss to New England by interstate migration, as already shown in Table 3. Of the population born in New England, 11.6 per cent had emigrated to other divisions, and of the native American population living in New England 7.7 per cent had immigrated from other divisions. These statements indicate how the table is to be read.

This table also shows that in 1910 a much larger percentage of the native American population of the West North Central, West South Central, Mountain, and Pacific divisions consisted of persons born outside those divisions than in the case of the five more easterly geographic divisions. In the Mountain and Pacific divisions about one-half of the native American population consisted of those born outside; in the South Atlantic division the proportion was only 4.9 per cent.

It is noteworthy that, notwithstanding the large number of persons living in the West North Central division who were born outside it, the percentage of its own natives living outside its borders (19.5 per cent) was larger than the corresponding percentage for any other geographic division. The statistics indicate that the earlier extensive migration into this division has been followed by a very considerable migration out of it toward the West and South. The lowest proportion living outside the division of birth in 1910 was that for persons born in the West South Central division, 6.1 per cent.

Table 5 is in effect a continuation in condensed form of Table 4. It shows the migration to and from each geographic division as reported at each census from 1870 to 1910; that is, it shows what proportion of the total population reported at each census as born in the division was living in other divisions, and, conversely, what proportion of the native American population living in each geographic division was born in other divisions.

## POPULATION BORN IN AND LIVING IN THE UNITED STATES, BY DIVISIONS: 1870-1910.

Table 5

Table 5  DIVISION AND CENSUS YEAR.	POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED.						Net gain (+) or loss (-) through interstate migration.
	Born in the specified division.			Living in the specified division.			
	Total.	Living in other divisions.		Total.	Born in other divisions.		
		Number.	Per cent.		Number.	Per cent.	
NEW ENGLAND:							
1910.....	4,907,215	568,763	11.6	4,702,088	363,636	7.7	-205,127
1900.....	4,338,274	526,979	12.1	4,119,509	308,214	7.5	-218,765
1890.....	3,898,003	564,572	14.5	3,540,915	207,484	5.9	-357,088
1880.....	3,643,424	587,039	16.1	3,216,890	160,505	5.0	-426,534
1870.....	3,293,103	568,707	17.3	2,838,792	114,396	4.0	-454,311
MIDDLE ATLANTIC:							
1910.....	15,342,852	1,881,406	12.3	14,410,385	948,939	6.6	-932,467
1900.....	13,178,117	1,808,060	13.7	12,089,967	719,910	6.0	-1,088,150
1890.....	11,177,406	1,818,364	16.3	9,840,357	481,315	4.9	-1,337,049
1880.....	9,843,732	1,785,831	18.1	8,475,904	418,003	4.9	-1,367,828
1870.....	8,186,679	1,596,101	19.5	6,935,402	344,824	5.0	-1,251,277
EAST NORTH CENTRAL:							
1910.....	16,479,755	3,077,070	18.7	15,103,330	1,700,645	11.3	-1,376,425
1900.....	14,160,456	2,473,049	17.5	13,305,007	1,617,600	12.2	-855,449
1890.....	11,596,441	2,194,918	18.9	10,890,202	1,488,679	13.7	-706,239
1880.....	9,179,161	1,552,367	16.9	9,289,967	1,663,203	17.9	+110,836
1870.....	6,618,328	930,119	14.1	7,460,310	1,772,101	23.8	+841,982
WEST NORTH CENTRAL:							
1910.....	9,449,180	1,840,185	19.5	9,961,467	2,352,472	23.6	+512,287
1900.....	7,448,659	1,101,856	14.8	8,777,275	2,430,472	27.7	+1,328,616
1890.....	5,262,124	692,940	13.2	7,278,499	2,609,315	35.8	+2,016,375
1880.....	3,276,998	333,539	10.2	5,157,213	2,213,754	42.9	+1,880,215
1870.....	1,801,712	176,027	9.8	3,183,301	1,557,616	48.9	+1,381,589
SOUTH ATLANTIC:							
1910.....	12,770,824	1,478,110	11.6	11,899,658	576,944	4.9	-901,166
1900.....	11,161,575	1,372,186	12.3	10,211,017	421,628	4.1	-950,558
1890.....	9,616,872	1,291,048	13.4	8,625,681	299,857	3.5	-991,191
1880.....	8,509,714	1,335,735	15.7	7,422,906	248,927	3.4	-1,086,808
1870.....	6,828,793	1,318,504	19.3	5,686,136	175,847	3.1	-1,142,657
EAST SOUTH CENTRAL:							
1910.....	9,481,023	1,788,681	18.9	8,304,102	611,760	7.4	-1,176,921
1900.....	8,325,166	1,482,208	17.8	7,444,534	601,576	8.1	-880,632
1890.....	6,978,603	1,255,789	18.0	6,292,013	569,199	9.0	-686,590
1880.....	6,019,996	1,146,840	19.1	5,480,952	616,796	11.2	-530,044
1870.....	4,591,940	932,776	20.3	4,299,251	640,087	14.9	-292,689
WEST SOUTH CENTRAL:							
1910.....	6,758,408	410,956	6.1	8,392,981	2,045,529	24.4	+1,634,573
1900.....	4,855,385	231,088	4.8	6,244,819	1,620,522	25.9	+1,389,434
1890.....	3,242,235	149,286	4.6	4,279,938	1,186,989	27.7	+1,037,703
1880.....	2,257,662	108,456	4.8	3,155,090	1,005,884	31.9	+807,428
1870.....	1,269,192	74,374	5.9	1,899,927	705,109	37.1	+630,735
MOUNTAIN:							
1910.....	1,289,296	188,290	14.6	2,158,616	1,057,610	49.0	+869,320
1900.....	835,858	84,466	10.1	1,361,469	610,077	44.8	+525,611
1890.....	469,834	36,314	7.7	883,235	449,715	50.9	+413,401
1880.....	285,621	17,969	6.3	492,226	224,574	45.6	+206,606
1870.....	155,724	6,140	3.9	228,290	78,706	34.5	+72,596
PACIFIC:							
1910.....	1,616,866	115,579	7.1	3,192,792	1,691,505	53.0	+1,575,926
1900.....	1,090,277	74,379	6.8	2,849,170	824,272	44.6	+749,893
1890.....	724,201	39,888	5.5	1,334,879	650,566	48.7	+610,678
1880.....	459,190	25,332	5.5	775,320	341,462	44.0	+316,130
1870.....	233,189	12,109	5.2	447,251	226,171	50.6	+214,062

<sup>1</sup> Exclusive of outlying possessions.



In 1870, 17.3 per cent of the persons born in New England were living in other divisions. In 1910, the percentage had declined to 11.6. There was a similar decline in the percentage for the Middle Atlantic and South Atlantic divisions. The two North Central divisions show an increase in this percentage. The two South Central divisions show, on the whole, no marked change in this respect, but the percentage of emigrants from the Mountain division has greatly increased, while that of emigrants from the Pacific division has increased in some degree.

In the case of the New England and Middle Atlantic divisions there has been some increase in the relative importance of domestic immigration, as indicated by the percentage of the native American population born outside of the division. Thus, in 1870, 4 per cent of the total population born in the United States and living in New England were born outside New England. By 1910 the proportion had increased to 7.7 per cent. The South Atlantic division also shows some increase in this percentage, but the four central divisions show a rather marked decline. Thus, in 1870, almost one-half (48.9 per cent) of the total native population inhabiting the West North Central division were born in other parts of the United States, as against less than one-fourth (23.6 per cent) in 1910. In the Mountain and Pacific divisions the percentage has fluctuated without any continuous movement toward either a higher or a lower percentage. It is noteworthy, however, that, notwithstanding the large migration to the Pacific coast in the years following the discovery of gold in California, the proportion of the native population of the Pacific division reported as born outside that division was larger in 1910 than at any preceding census back to and including 1870.

Comparing the returns for 1910 with those for 1900, as shown in Table 5, the divisions may be placed in two groups—first, those in which the direct loss through interdivisional migration of persons now living was reduced or the gain increased during the decade, and, second, those of which the converse is true, the loss being increased or the gain reduced. The two groups are distinguished by the last two columns of Table 6.

The first group includes the New England, Middle Atlantic, and South Atlantic divisions, in which the loss through interstate migration has been reduced, and also the West South Central, Mountain, and Pacific divisions, in which the gain has been increased. The second group includes the East North Central and East South Central divisions, in which the loss has been increased, and also the West North Central, in which the gain has been reduced. In 1900 the West North Central division had gained 1,328,616 persons, but in 1910 the gain was only 512,287, a reduction of 816,329.

The figures presented in the last two columns of Table 6, however, by no means represent the difference between migration into and migration out of the respective divisions during the past 10 years. Changes

in the gains or losses are also affected by deaths among those who had previously migrated. Undoubtedly, however, in the case of marked changes in gain or loss between 1900 and 1910, migration during the decade has been the principal factor.

DIVISION.	NET GAIN (+) OR LOSS (—) THROUGH INTERSTATE MIGRATION.		Reduction of loss or increase of gain: 1900-1910	Increase of loss or reduction of gain: 1900-1910
	1910	1900		
New England.....	-205,127	-218,765	13,638	
Middle Atlantic.....	-932,467	-1,088,150	155,683	
East North Central.....	-1,376,425	-855,449		520,976
West North Central.....	+512,287	+1,328,616		816,329
South Atlantic.....	-901,166	-950,558	49,392	
East South Central.....	-1,176,921	-880,632		296,289
West South Central.....	+1,634,573	+1,389,434	245,139	
Mountain.....	+809,320	+525,611	283,709	
Pacific.....	+1,575,926	+749,893	826,033	

Table 5 shows that in the New England and South Atlantic divisions the net loss through interstate migration has steadily declined. In the case of the East North Central division the gain shown at the censuses of 1870 and 1880 has given place to a loss which was much greater in 1910 than in 1900 or 1890. In the case of the West North Central division the gain through interstate migration reached its maximum in 1890 and has declined very greatly since then. In the West South Central, Mountain, and Pacific divisions, on the other hand, the gain has steadily increased, being greater in 1910 than at any preceding census.

Certain broad generalizations of considerable interest may be drawn by comparing the population living in the three geographic sections, the North, the South, and the West, with the population reported as born in those sections, as shown by Table 7.

Table 7  RACE AND SECTION OF RESIDENCE.	Total native population: 1910	BORN IN—			State of birth not reported, or born in outlying posses- sions, etc.
		The North.	The South.	The West.	
<b>ALL RACES.</b>					
United States....	78,456,380	46,179,002	29,010,255	2,906,162	360,961
The North.....	44,390,371	42,526,162	1,527,107	124,001	213,101
The South.....	28,649,319	1,449,229	27,079,282	38,230	82,578
The West.....	5,416,690	2,203,611	403,866	2,743,931	65,282
<b>WHITE.</b>					
United States.....	68,386,412	45,488,942	19,814,860	2,766,492	316,118
The North.....	43,319,193	41,891,353	1,110,245	116,939	200,656
The South.....	19,821,249	1,407,202	18,326,236	34,523	53,228
The West.....	5,245,970	2,190,327	378,379	2,615,030	62,234
<b>NEGRO.</b>					
United States.....	9,787,424	621,286	9,109,153	15,604	41,381
The North.....	999,451	570,298	415,533	2,295	11,325
The South.....	8,738,838	39,077	8,668,619	2,412	28,750
The West.....	49,115	11,911	25,001	10,897	1,306

The above table shows, for all races and for the whites and negroes separately, the number resident in each section in 1910 who were reported as born in each section; or, conversely, the number born in each section who were resident in each. The North comprises the New England, Middle Atlantic, and North Central divisions; the South, the South Atlantic and South Central divisions; and the West, the Mountain and Pacific divisions.



Table 7 brings out the fact that there has been considerable migration from north to south and from south to north, as well as from east to west. The absolute number of persons born in the North and living in the South (1,449,229) was not very different from the number born in the South and living in the North (1,527,107). The North, however, has contributed more than five times as many to the population of the West as the South has.

**Division of birth in relation to division of residence.**—More specific information regarding interdivisional migration may be obtained from Table 16, page 181, the first part of which shows, when read from left to right, the number of native American persons living in each geographic division who were born in each division. If read downward, the table, of course, shows the number born in each division who were living in each division. In Table 8 persons born in each geographic division are distributed on a percentage basis according to the division in which they were resident in 1910.

Table 8 shows, for example, that in 1910, of the total number of persons born in New England, 88.4 per cent were still living in that division, while 4.5

per cent were living in the adjacent division on the west—the Middle Atlantic division; 2 per cent in the next division farther west—the East North Central; 1.5 per cent in the West North Central; and 2 per cent in the Pacific. The percentage living in the division in which born ranged from 80.5 in the West North Central division to 93.9 in the West South Central division.

In a majority of cases the largest number of the emigrants from any division are resident in the adjoining division on the west. This is true of the emigrants from the New England, the Middle Atlantic, the East North Central, the East South Central, and the Mountain divisions; but the South Atlantic division has a larger number of its emigrating natives in the division immediately north of it than in any other division, and this is also true of the West South Central division, while of the emigrants from the West North Central a larger number went to the Pacific division and also to the West South Central than to the adjacent Mountain division on the west. While the main current of migration is westward, there has been some eastward migration and considerable migration north and south.

Table 8

DIVISION OF RESIDENCE.	PER CENT DISTRIBUTION, BY DIVISION OF RESIDENCE, OF THE POPULATION OF THE UNITED STATES <sup>1</sup> BORN IN—								
	New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	88.4	1.6	0.2	0.1	0.3	0.1	0.1	0.3	0.3
Middle Atlantic.....	4.5	87.7	1.3	0.5	3.1	0.3	0.2	0.9	0.8
East North Central.....	2.0	4.3	81.3	3.6	1.6	3.6	0.5	1.4	0.9
West North Central.....	1.5	2.2	8.6	80.5	1.0	2.5	1.6	3.0	1.1
South Atlantic.....	0.6	1.3	0.7	0.3	88.4	1.9	0.3	0.3	0.3
East South Central.....	0.1	0.2	0.8	0.3	2.6	81.1	1.2	0.2	0.1
West South Central.....	0.2	0.4	1.9	5.3	2.2	9.1	93.9	1.3	0.5
Mountain.....	0.6	0.7	1.8	4.1	0.4	0.6	1.3	85.4	3.0
Pacific.....	2.0	1.5	3.3	5.3	0.5	0.8	1.0	7.2	92.9

<sup>1</sup> Exclusive of outlying possessions.

Table 9 shows what percentage of the native population resident in each division were born in that division and in each of the other divisions. The percentages are based on the total native population, including persons born in the outlying possessions of the United States, or at sea under the United States flag, persons born in the United States for whom the state of birth was not reported, and American citizens born abroad. The table is substantially the con-

verse of Table 8 and needs little comment. It brings out the fact that the two North Central divisions have contributed largely to the population of the Pacific and Mountain divisions. Of the total native population of the Pacific division, 31.7 per cent were born east of the Mississippi (that is, in the New England, Middle Atlantic, East North Central, South Atlantic, and East South Central divisions), and of the total native population of the Mountain division, 24.7 per cent.

Table 9

DIVISION OF BIRTH.	PER CENT DISTRIBUTION, BY DIVISION OF BIRTH, OF THE NATIVE POPULATION OF THE UNITED STATES <sup>1</sup> AND RESIDING IN—								
	New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	91.8	1.5	0.6	0.7	0.3	0.1	0.1	1.4	3.1
Middle Atlantic.....	5.3	93.1	4.3	3.4	1.7	0.3	0.7	5.1	7.2
East North Central.....	0.8	1.5	88.3	14.2	1.0	1.6	3.7	13.5	16.9
West North Central.....	0.3	0.3	2.2	75.9	0.2	0.4	5.9	17.6	15.6
South Atlantic.....	0.9	2.7	1.3	1.2	94.9	4.0	3.3	2.1	2.1
East South Central.....	0.1	0.2	2.2	2.4	1.5	92.4	10.2	2.6	2.4
West South Central.....	0.1	0.1	0.2	1.1	0.1	1.0	75.3	4.0	2.1
Mountain.....	0.1	0.1	0.1	0.4	(?)	(?)	0.2	50.5	2.9
Pacific.....	0.1	0.1	0.1	0.2	(?)	(?)	0.1	2.3	46.4
United States, state of birth not reported.....	0.2	0.3	0.4	0.5	0.2	0.2	0.4	0.8	1.0
Outlying possessions <sup>2</sup> .....	0.3	0.1	0.1	0.1	(?)	(?)	(?)	0.2	0.4

<sup>1</sup> Exclusive of outlying possessions.

<sup>2</sup> Less than one-tenth of 1 per cent.

<sup>3</sup> Includes also persons born at sea under United States flag and American citizens born abroad.



**Migration of native white and native negro population.**—The preceding tables (with one exception) have dealt with the total native population without distinction of race. It is desirable, however, to consider separately the division of birth of the native white and

the native negro population, which together constitute nearly the entire number of native Americans. Table 10 therefore presents for these two classes statistics similar to those presented in Table 4 for the total native population.

**Table 10**

DIVISION.	WHITE PERSONS BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1910								NEGRO PERSONS BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1910							
	Born in the specified division.			Born in and living in the specified division.	Living in the specified division.			Gain (+) or loss (−) through interstate migration (col. 6—col. 2).	Born in the specified division.			Born in and living in the specified division.	Living in the specified division.			Gain (+) or loss (−) through interstate migration (col. 14—col. 10).
	Total (col. 4+col. 2).	Living in other divisions.			Total (col. 4+col. 6).	Born in other divisions.			Total (col. 12+col. 10).	Living in other divisions.			Total (col. 12+col. 14).	Born in other divisions.		
		Number.	Per cent.			Number.	Per cent.			Number.	Per cent.			Number.	Per cent.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
United States.....	68,070,294	10,366,735	15.2	57,703,559	68,070,294	10,366,735	15.2	.....	9,746,043	963,153	9.9	8,782,890	9,746,043	963,153	9.9	.....
New England.....	4,807,376	561,617	11.5	4,305,759	4,641,157	335,398	7.2	−226,219	37,799	6,984	18.5	30,815	58,109	27,294	47.0	+20,310
Middle Atlantic.....	15,123,715	1,858,755	12.3	13,264,960	14,003,037	738,077	5.3	−1,120,678	212,145	22,183	10.5	189,962	398,529	208,567	52.3	+186,384
East North Central.....	16,287,667	3,047,706	18.7	13,239,961	14,791,593	1,551,632	10.5	−1,496,074	173,226	28,039	16.2	145,187	292,875	147,688	50.4	+119,649
West North Central.....	9,210,184	1,800,028	19.5	7,410,156	9,682,750	2,272,594	23.5	+507,566	198,116	36,062	18.2	162,054	238,613	76,559	32.1	+40,497
South Atlantic.....	8,273,219	1,028,666	12.4	7,244,553	7,765,765	521,212	6.7	−507,454	4,487,313	448,140	10.0	4,039,173	4,094,486	55,313	1.4	−392,827
East South Central.....	6,631,841	1,433,009	21.6	5,198,832	5,657,676	459,444	8.1	−974,165	2,844,598	352,991	12.4	2,491,607	2,643,722	152,115	5.8	−200,876
West South Central.....	4,909,800	346,311	7.1	4,563,489	6,344,589	1,781,091	28.1	+1,434,780	1,777,242	63,354	3.6	1,713,888	1,971,900	258,012	13.1	+194,658
Mountain.....	1,206,525	181,649	15.1	1,024,876	2,063,208	1,038,332	50.3	+836,683	7,842	3,220	43.9	4,122	20,571	16,449	80.0	+13,229
Pacific.....	1,559,967	108,394	6.9	1,451,573	3,120,528	1,668,955	53.5	+1,560,561	8,262	2,180	26.4	6,082	27,238	21,156	77.7	+18,976

<sup>1</sup> Exclusive of outlying possessions.

This table shows a somewhat greater mobility on the part of the white population than on the part of the negro. Of the 68,070,294 native whites enumerated in 1910, 10,366,735, or 15.2 per cent, were living in some other division than that in which born. Of the 9,746,043 native negroes 963,153, or 9.9 per cent, were living outside the division of birth. In the case of the whites the percentages living outside the division of birth ranged from 6.9 for whites born in the Pacific division to 21.6 for those born in the East South Central. In the case of the negroes the percentages ranged from 3.6 for those born in the West South Central division to 43.9 for those born in the Mountain division. Outside the South a large part of the negro population are not natives of the division in which living, but have immigrated from other divisions, principally from the South, the proportion of immigrants ranging from almost one-third in the West North Central division to about four-fifths in the Pacific and Mountain divisions. The South Atlantic and East South Central divisions are the only ones which have suffered a direct loss in population through the migration of negroes of the present generation. The absolute gain is most conspicuous in the case of the Middle Atlantic and West South Central divisions.

The migration of native whites and native negroes to and from the several states, so far as it can be indicated by statistics of state of birth, is shown in Table 15, which corresponds to Table 10 above.

**Migration to the several divisions from other divisions and from foreign countries.**—Table 11 shows for 1910 and 1900 the sources from which the different geographic divisions had drawn their population. The three classes distinguished are (1) natives of the division of residence, (2) native Americans born outside the di-

vision of residence, and (3) the foreign born; more briefly, they may be called natives, domestic immigrants, and foreign immigrants.

**Table 11**

Table 11		BORN IN DIVISION OF RESIDENCE.		BORN IN OTHER DIVISIONS.		FOREIGN BORN.	
DIVISION OF RESIDENCE.	Total population. <sup>1</sup>						
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
1910							
United States...	91,972,266	66,746,379	72.6	11,349,040	12.3	13,515,886	14.7
New England.....	6,552,681	4,338,452	66.2	363,636	5.5	1,851,110	27.9
Middle Atlantic.....	19,315,892	13,461,446	69.7	948,939	4.9	4,851,173	25.1
East North Central...	18,250,621	13,402,683	73.4	1,700,645	9.3	3,073,766	16.8
West North Central...	11,637,921	7,608,995	65.4	2,352,472	20.2	1,616,665	13.9
South Atlantic.....	12,194,895	11,292,714	92.6	576,944	4.7	299,994	2.5
East South Central...	8,409,901	7,092,342	84.3	611,760	7.3	87,825	1.0
West South Central...	8,784,534	6,347,452	72.3	2,045,529	23.3	332,192	4.0
Mountain.....	2,633,517	1,101,006	41.8	1,057,610	40.2	433,322	17.2
Pacific.....	4,192,304	1,501,287	35.8	1,691,505	40.3	955,809	22.8
1900							
United States...	75,994,575	56,248,496	74.0	9,154,271	12.0	10,341,276	13.6
New England.....	5,592,017	3,811,295	68.2	308,214	5.5	1,445,237	25.8
Middle Atlantic.....	15,454,678	11,370,057	73.6	719,910	4.7	3,317,599	21.5
East North Central...	15,985,581	11,687,407	73.1	1,617,600	10.1	2,625,226	16.4
West North Central...	10,347,423	6,346,803	61.3	2,430,472	23.5	1,533,248	14.8
South Atlantic.....	10,443,480	9,789,389	93.7	421,628	4.0	216,060	2.1
East South Central...	7,547,757	6,842,958	90.7	601,576	8.0	90,568	1.2
West South Central...	6,532,290	4,624,297	70.8	1,620,522	24.8	267,087	4.1
Mountain.....	1,674,657	751,392	44.9	610,077	36.4	301,969	18.0
Pacific.....	2,416,692	1,024,898	42.4	824,272	34.1	544,352	22.5

<sup>1</sup> Includes persons born in the United States, state of birth not reported, persons born in outlying possessions, or at sea under United States flag, and American citizens born abroad. (See Tables 1 and 16.)

In most of the divisions the natives are greatly in the majority, outnumbering both classes of immigrants. The preponderance is greatest in the South Atlantic division, where 92.6 per cent of the population in 1910 consisted of persons born in the division. The proportion was nearly as great in the East South Central. In the Pacific division, however, the most important class numerically was that of the domestic immigrants, who formed 40.3 per cent of the total population in 1910, while the natives of the division formed but 35.8 per cent—



hardly more than one-third—and the foreign immigrants 22.8 per cent. In the Mountain division the natives of the division were only slightly more numerous than the domestic immigrants, and constituted but 41.8 per cent of the total population. Of course, these conditions are indicative of the comparatively recent settlement and rapid development of the far West, and of the great immigration thither from other parts of the United States. In New England and in the Middle Atlantic and East North Central divisions the greater part of the immigration is from foreign countries, the foreign born greatly outnumbering the domestic immigrants, but in all the other divisions the foreign immigrants are the least numerous of the three classes here compared.

Comparison between the figures for 1910 and 1900, shown in Table 11, reveals the relative importance of the three classes as factors in the increase in the population of the several divisions during the decade. The comparison is facilitated by Table 12. It may be well to point out that this table throws no light upon the question of the fecundity or natural increase of the population. The persons reported in 1910 as born in a given division include, of course, many children of persons who were not born in the division as well as the children of persons born in the division.

**Table 12** INCREASE IN POPULATION: 1900-1910

DIVISION.	Total. <sup>1</sup>	Born in division of residence.	Born in other divisions.	Foreign born.
United States.....	15,977,691	10,497,883	2,194,769	3,174,610
New England.....	960,664	527,157	55,422	378,085
Middle Atlantic.....	3,861,214	2,091,389	229,029	1,533,614
East North Central.....	2,265,040	1,715,278	83,045	448,540
West North Central.....	1,250,498	1,202,192	-78,000	83,447
South Atlantic.....	1,751,415	1,503,325	155,316	83,064
East South Central.....	892,144	849,384	10,184	-2,743
West South Central.....	2,252,244	1,723,155	425,007	85,105
Mountain.....	938,800	349,614	447,533	151,353
Pacific.....	1,775,612	476,389	867,233	411,457

<sup>1</sup> Includes persons born in the United States, state of birth not reported, persons born in outlying possessions, or at sea under United States flag, and American citizens born abroad.

This table shows very great differences among the geographic divisions with respect to the relative importance of the three classes as factors in the increase in population. In the New England and Middle Atlantic divisions the increase during the decade was chiefly in persons born within the division of residence and in the foreign born, the increase in the latter being roughly three-fourths as great as in the former. In the East North Central division conditions were somewhat similar, except that the increase in the foreign born was relatively less important. In the West North Central, South Atlantic, and East South Central divisions, on the other hand, nearly the entire increase was in natives of the division. In the West South Central division there was a marked increase in domestic immigrants, as well as in natives of the division, but comparatively little increase in the foreign born. Finally, in the Mountain and Pacific

divisions the increase in domestic immigrants was greater than that in natives, and there was also a very considerable increase in the foreign born.

Migration to the several states from other states and from foreign countries.—Table 13 gives a classification of the population of each state in 1910, distinguishing the natives of the state, the domestic immigrants (born in other states), and the foreign immigrants (foreign born).

**Table 13**

STATE.	Total population: 1910 <sup>1</sup>	BORN IN STATE OF RESIDENCE.		BORN IN OTHER STATES.		FOREIGN BORN.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
United States.....	31,972,266	61,185,305	66.5	16,910,114	18.4	13,515,886	14.7
NEW ENGLAND:							
Maine.....	742,371	578,739	78.0	50,009	6.7	110,562	14.9
New Hampshire.....	430,572	248,629	57.7	82,562	19.2	99,661	22.5
Vermont.....	355,966	250,480	70.4	52,165	14.7	49,921	14.0
Massachusetts.....	3,366,416	1,861,820	55.3	434,104	12.9	1,059,245	31.5
Rhode Island.....	542,610	267,116	49.2	94,710	17.5	179,141	33.0
Connecticut.....	1,114,756	607,074	54.5	174,680	15.7	329,574	29.6
MIDDLE ATLANTIC:							
New York.....	9,113,614	5,647,063	62.0	686,616	7.5	2,748,011	30.2
New Jersey.....	2,537,167	1,344,164	53.0	525,075	20.7	660,788	26.0
Pennsylvania.....	7,665,111	5,638,263	73.6	569,204	7.4	1,442,374	18.8
EAST NORTH CENTRAL:							
Ohio.....	4,767,121	3,546,991	74.4	607,352	12.7	598,374	12.6
Indiana.....	2,700,876	2,031,345	75.2	501,423	18.6	159,663	5.9
Illinois.....	5,638,591	3,406,638	60.4	997,189	17.7	1,235,314	21.4
Michigan.....	2,810,173	1,761,085	62.7	436,326	15.5	597,559	21.3
Wisconsin.....	2,333,890	1,558,455	66.8	256,529	11.0	512,865	22.0
WEST NORTH CENTRAL:							
Minnesota.....	2,075,708	1,121,376	54.0	402,137	19.4	543,595	26.2
Iowa.....	2,224,771	1,416,584	63.7	524,774	23.6	277,763	12.3
Missouri.....	3,293,335	2,222,925	67.5	822,738	25.0	229,779	7.0
North Dakota.....	577,056	197,847	34.3	216,996	37.6	156,654	27.1
South Dakota.....	583,888	225,125	38.6	254,762	43.6	100,700	17.3
Nebraska.....	1,192,214	595,551	50.0	414,056	34.7	176,662	14.8
Kansas.....	1,690,949	823,628	48.7	722,968	42.8	135,450	8.0
SOUTH ATLANTIC:							
Delaware.....	202,322	137,131	67.8	47,283	23.4	17,492	8.6
Maryland.....	1,295,346	1,026,355	79.2	161,783	12.5	104,944	8.1
District of Columbia.....	331,069	139,351	42.1	164,623	49.7	24,962	7.5
Virginia.....	2,061,612	1,843,152	89.4	188,886	9.2	27,067	1.3
West Virginia.....	1,221,119	931,077	76.2	229,925	18.8	57,218	4.7
North Carolina.....	2,206,287	2,089,728	94.7	108,605	4.9	6,092	0.3
South Carolina.....	1,515,400	1,431,028	94.4	76,996	5.1	6,179	0.4
Georgia.....	2,609,271	2,364,349	90.6	221,545	8.5	15,477	0.6
Florida.....	752,619	463,003	61.5	244,836	32.5	40,633	5.4
EAST SOUTH CENTRAL:							
Kentucky.....	2,289,905	2,031,385	88.7	215,517	9.4	40,162	1.8
Tennessee.....	2,184,789	1,873,227	85.7	286,419	13.1	18,607	0.9
Alabama.....	2,138,093	1,857,916	86.9	257,031	12.0	19,286	0.9
Mississippi.....	1,797,114	1,563,839	87.0	218,768	12.2	9,770	0.5
WEST SOUTH CENTRAL:							
Arkansas.....	1,574,449	1,055,940	67.1	494,075	31.4	17,046	1.1
Louisiana.....	1,656,388	1,405,936	84.9	190,309	11.5	52,766	3.2
Oklahoma.....	1,657,155	515,212	31.1	1,062,844	65.9	40,442	2.4
Texas.....	3,896,542	2,730,757	70.1	907,908	23.3	241,938	6.2
MOUNTAIN:							
Montana.....	376,053	99,314	26.4	177,783	47.3	94,713	25.2
Idaho.....	325,594	90,225	27.7	190,063	58.4	42,578	13.1
Wyoming.....	145,965	31,782	21.8	84,269	57.7	29,020	19.9
Colorado.....	799,024	233,516	29.2	430,264	53.8	129,587	16.2
New Mexico.....	327,301	184,749	56.4	117,954	36.0	23,146	7.1
Arizona.....	204,354	78,949	38.6	74,699	36.6	43,765	23.9
Utah.....	373,351	243,054	65.1	60,655	16.2	65,822	17.6
Nevada.....	81,875	21,640	26.4	39,700	48.5	19,691	24.1
PACIFIC:							
Washington.....	1,141,990	262,694	23.0	608,226	53.3	256,241	22.4
Oregon.....	672,765	225,102	33.5	329,538	49.0	113,136	16.8
California.....	2,377,549	903,996	38.0	863,236	36.3	586,432	24.7

<sup>1</sup> Includes persons born in the United States, state of birth not reported, persons born in outlying possessions, or at sea under United States flag, and American citizens born abroad. The combined number of these classes in the United States was only 350,961, or 0.4 per cent of the total population.

In nearly every state east of the Mississippi a majority at least of the population were natives of the state, the only exceptions being, in fact, Rhode Island and the District of Columbia. In three of the southern states more than nine-tenths of the population were natives, but north of the Ohio there were only two states, Maine and Indiana, in which the proportion of natives exceeded three-fourths. The foreign immigrants outnumbered the domestic immigrants in every state north of the Ohio and east of the Mississippi





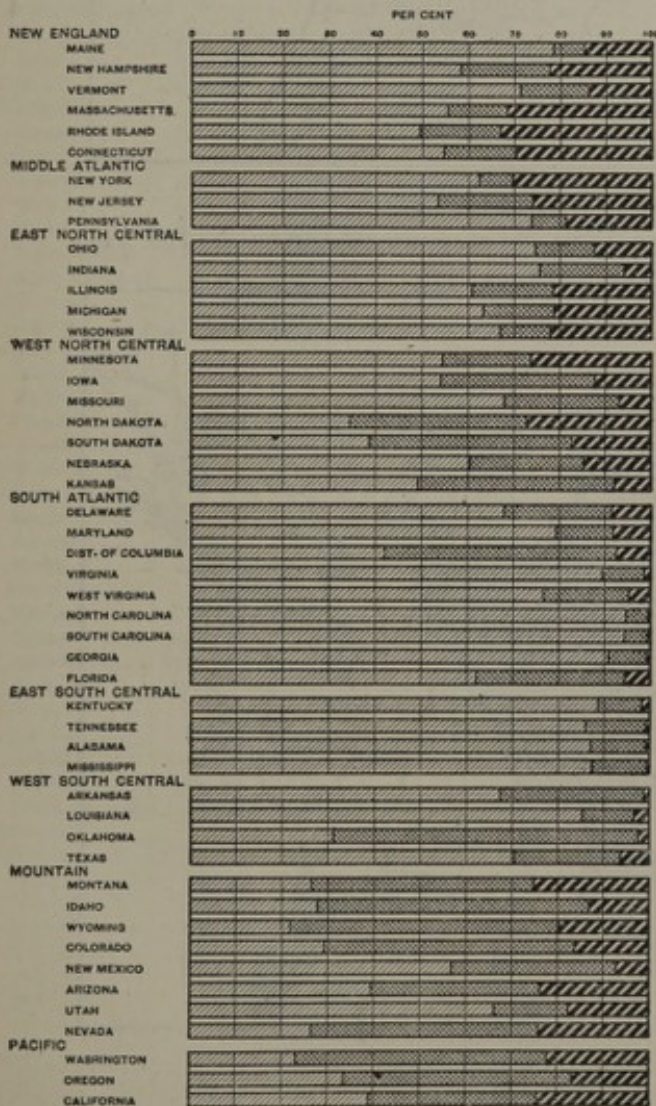


on page 178, the states are classified in six groups with reference to the percentage of emigrants. This map brings out the fact that in general the emigration from states located on the boundary of the United States is relatively less than from states more centrally located. This probably is in part a natural result of the fact that the possibility of emigration from a border state to other parts of the United States is cut off in one or more directions. From some of the states along the northern border there has been a very considerable emigration to Canada in recent years, but this of course is not revealed by a population census of the United States. In the second map on page 178, the states are grouped with reference to the percentage which the population born in other states forms of the total native population or population born in the United States. The percentages are presented in Tables 13 and 14.

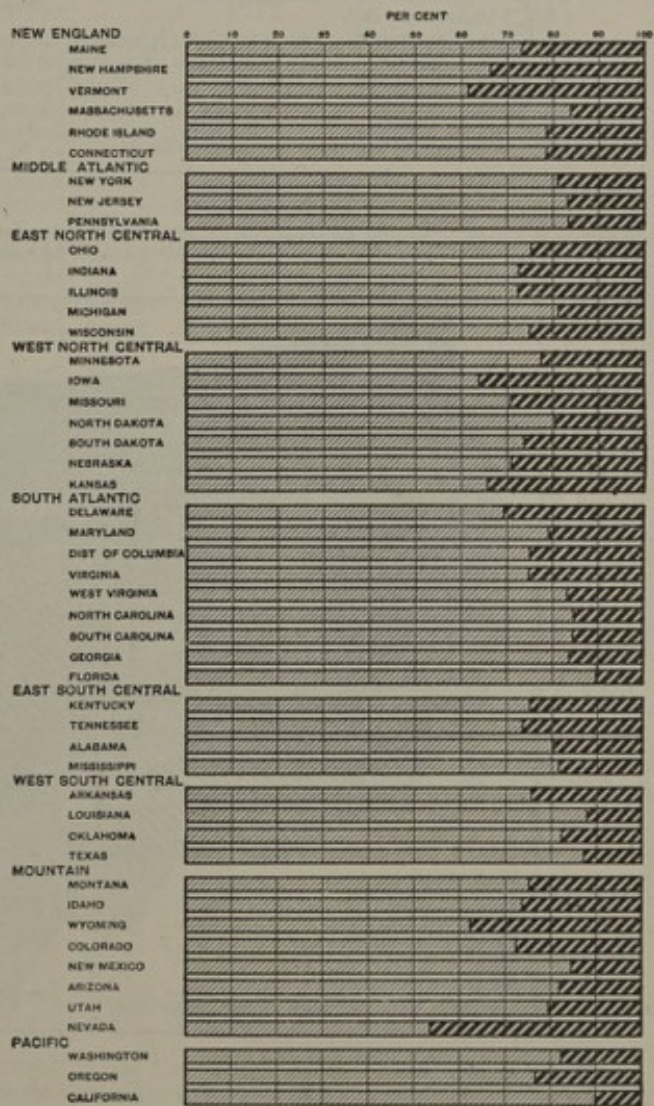
State of birth in relation to state of residence.—In Table 16 the total native population of each state and geographic division is distributed according to the state or geographic division in which born. As regards any given state, this table shows how many of the persons living in that state were born there and how many were born in each of the other states; it gives similar information for the several geographic divisions. The table covers the total native population, including those born in outlying territories or possessions of the United States, or at sea under the United States flag, those born in the United States for whom the state of birth was not reported, and American citizens born abroad. At the same time the table when read by columns gives the distribution by residence (state or geographic division) of the total population reported as born in each state or geographic division.

## DISTRIBUTION OF TOTAL POPULATION AND NATIVE POPULATION.

DISTRIBUTION OF TOTAL POPULATION OF EACH STATE, BY PLACE OF BIRTH: 1910.

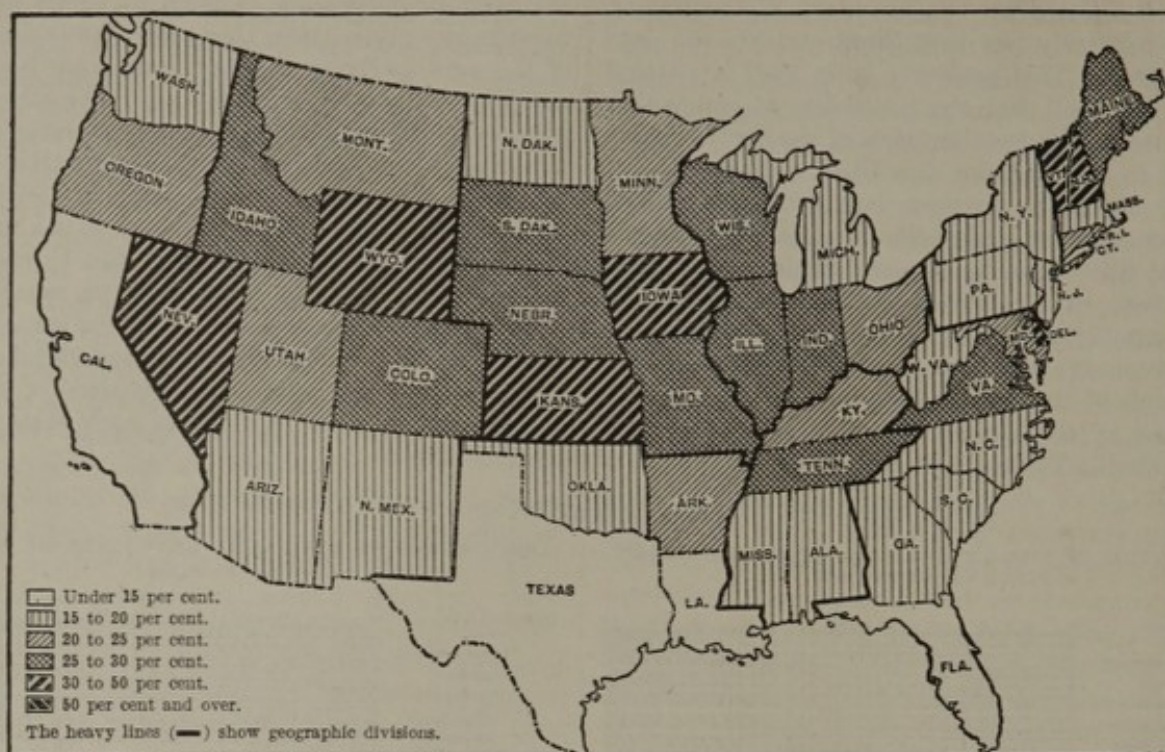


DISTRIBUTION OF NATIVES OF EACH STATE, BY PLACE OF RESIDENCE: 1910.

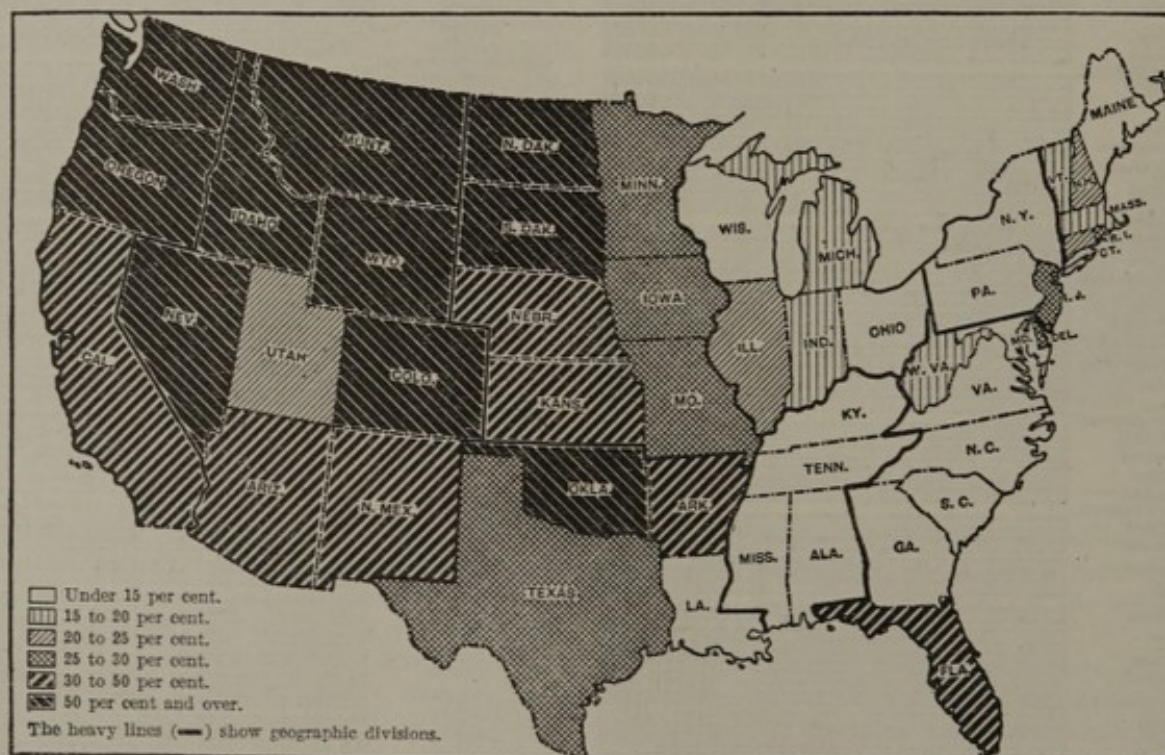




PERCENTAGE OF POPULATION BORN IN EACH STATE LIVING IN OTHER STATES: 1910.



PERCENTAGE OF NATIVE POPULATION LIVING IN EACH STATE BORN IN OTHER STATES: 1910.





## STATE OF BIRTH OF NATIVE POPULATION.

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POPULATION BORN IN EACH STATE, WITH NUMBER AND PERCENTAGE LIVING IN OTHER STATES, AND POPULATION LIVING IN EACH STATE, WITH NUMBER AND PERCENTAGE BORN IN OTHER STATES: 1910 AND 1900.

Table 14

Table 14  STATE.	POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1910							POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1900								
	Born in the specified state.			Born in and living in the specified state.	Living in the specified state.			Gain (+) or loss (-) through inter- state migrat- ion.	Born in the specified state.			Born in and living in the specified state.	Living in the specified state.			Gain (+) or loss (-) through inter- state migrat- ion.
	Total.	Living in other states.			Total.	Born in other states.			Total.	Living in other states.			Total.	Born in other states.		
		Number.	Per cent.			Number.	Per cent.			Number.	Per cent.			Number.	Per cent.	
United States ..	73,095,419	16,910,114	21.7	61,185,305	78,095,419	16,910,114	21.7	.....	65,402,767	13,501,045	20.6	51,901,722	65,402,767	13,501,045	20.6	.....
NEW ENGLAND:																
Maine.....	791,827	213,088	26.9	578,739	628,748	50,009	8.0	-163,079	777,057	216,551	27.9	560,506	597,594	37,088	6.2	-179,463
New Hampshire..	375,522	126,833	33.8	248,629	331,191	82,562	24.9	-44,331	367,094	124,048	33.8	243,046	320,869	77,823	24.3	-46,225
Vermont.....	407,940	157,460	38.6	250,480	302,645	52,165	17.2	-105,285	416,672	168,542	40.4	248,130	285,859	47,729	16.1	-120,813
Massachusetts...	2,218,157	356,337	16.1	1,861,820	2,295,924	434,104	18.9	+77,767	1,842,703	299,614	16.3	1,543,089	1,944,216	401,127	20.6	+101,513
Rhode Island....	340,098	72,982	21.5	267,116	361,826	94,710	26.2	+21,728	275,119	61,358	22.3	213,761	292,656	78,895	27.0	+17,537
Connecticut.....	773,671	166,597	21.5	607,074	781,754	174,680	22.3	+8,083	659,629	142,254	21.6	517,375	668,315	150,940	22.6	+8,686
MIDDLE ATLANTIC:																
New York.....	6,964,461	1,317,398	18.9	5,647,063	6,333,679	686,616	10.8	-630,782	6,123,807	1,289,866	21.1	4,833,941	5,337,873	503,932	9.4	-785,034
New Jersey.....	1,614,674	270,510	16.8	1,344,164	1,869,239	525,075	28.1	+254,565	1,296,047	231,648	17.9	1,064,399	1,447,266	382,867	26.5	+151,219
Pennsylvania....	6,763,717	1,125,454	16.6	5,638,263	6,207,467	569,204	9.2	-556,250	5,758,263	937,463	16.3	4,820,800	5,304,828	484,028	9.1	-453,433
E. NORTH CENTRAL:																
Ohio.....	4,713,009	1,166,018	24.7	3,546,991	4,154,343	607,352	14.6	-558,666	4,304,002	1,114,165	25.9	3,189,837	3,687,517	497,680	13.5	-616,485
Indiana.....	2,805,516	774,171	27.6	2,031,345	2,532,765	501,420	19.8	-272,751	2,517,668	641,280	25.5	1,876,388	2,368,859	492,471	20.8	-148,809
Illinois.....	4,714,723	1,308,085	27.7	3,406,638	4,403,827	997,189	22.6	-310,896	3,906,494	1,012,637	25.9	2,893,857	3,837,761	943,904	24.6	-68,733
Michigan.....	2,168,645	407,560	18.8	1,761,085	2,197,411	436,326	19.9	+28,765	1,744,352	288,737	16.6	1,455,615	1,863,169	407,554	21.9	+118,817
Wisconsin.....	2,077,862	519,407	25.0	1,558,455	1,814,984	256,529	14.1	-262,878	1,687,940	383,022	22.7	1,304,918	1,547,701	242,783	15.7	-140,239
W. NORTH CENTRAL:																
Minnesota.....	1,446,106	324,730	22.5	1,121,376	1,523,513	402,137	26.4	+77,407	1,062,813	168,794	15.9	894,019	1,239,020	345,001	27.8	+176,207
Iowa.....	2,218,420	801,836	36.1	1,416,584	1,941,358	524,774	27.0	-277,062	1,872,717	554,340	29.6	1,318,377	1,918,730	600,353	31.3	+46,013
Missouri.....	3,141,883	918,958	29.2	2,222,925	3,045,663	822,738	27.0	-96,220	2,650,208	614,957	23.2	2,035,251	2,879,507	844,256	29.3	+229,299
North Dakota....	245,810	47,963	19.5	197,847	414,843	216,996	52.3	+169,033	132,894	24,164	18.2	108,730	204,518	95,788	46.8	+71,624
South Dakota....	305,604	80,479	26.3	225,125	479,887	254,762	53.1	+174,283	203,561	43,341	21.3	160,220	311,165	150,945	48.5	+107,604
Nebraska.....	833,783	244,232	29.1	589,551	1,009,607	414,056	41.0	+169,824	606,342	145,280	24.0	461,062	855,678	424,616	47.9	+279,336
Kansas.....	1,261,574	427,946	34.2	833,628	1,546,596	722,968	46.7	+295,022	920,124	289,803	31.5	630,321	1,338,657	708,336	52.9	+418,533
SOUTH ATLANTIC:																
Delaware.....	197,813	60,682	30.7	137,131	184,416	47,285	25.6	-13,397	185,064	55,518	30.0	129,546	170,481	40,935	24.0	-14,583
Maryland.....	1,297,179	270,824	20.9	1,026,355	1,188,138	161,783	13.6	-109,041	1,199,255	242,638	20.2	956,617	1,091,754	135,137	12.4	-107,501
Dist. Columbia..	185,453	46,102	24.9	139,351	303,074	164,623	54.2	+118,521	154,848	34,953	22.6	119,895	258,067	138,172	53.5	+103,219
Virginia.....	2,464,845	621,693	25.2	1,843,152	2,032,038	188,886	9.3	-432,807	2,287,871	587,418	25.7	1,700,453	1,832,615	132,162	7.2	-455,256
West Virginia...	1,118,754	187,677	16.8	931,077	1,161,002	229,925	19.8	+42,248	887,896	122,330	13.8	765,566	933,668	168,102	18.0	+45,772
North Carolina..	2,470,495	380,767	15.4	2,089,728	2,198,333	108,605	4.9	-272,162	2,133,653	329,625	15.4	1,804,028	1,887,369	83,371	4.4	-246,254
South Carolina..	1,692,548	261,520	15.5	1,431,028	1,508,024	76,996	5.1	-184,524	1,512,864	233,292	15.4	1,279,572	1,334,090	54,518	4.1	-178,774
Georgia.....	2,828,309	463,960	16.4	2,364,349	2,585,894	221,545	8.6	-242,415	2,420,707	410,299	16.9	2,010,408	2,200,295	189,887	8.6	-220,412
Florida.....	515,428	52,425	10.2	463,003	707,839	244,836	34.6	+192,411	379,417	36,599	9.6	342,818	502,648	159,830	31.8	+123,231
E. SOUTH CENTRAL:																
Kentucky.....	2,704,675	673,290	24.9	2,031,385	2,246,902	215,517	9.6	-457,773	2,427,381	542,043	22.3	1,885,338	2,092,777	207,439	9.9	-334,604
Tennessee.....	2,544,434	671,207	26.4	1,873,227	2,159,646	286,419	13.3	-384,788	2,300,392	566,405	24.6	1,733,987	1,999,357	265,370	13.3	-301,035
Alabama.....	2,316,790	458,874	19.8	1,857,916	2,114,947	257,031	12.2	-201,843	1,976,215	397,845	20.1	1,577,370	1,811,114	233,744	12.9	-164,101
Mississippi.....	1,915,124	351,285	18.3	1,563,839	1,782,607	218,768	12.3	-132,517	1,622,178	296,181	18.3	1,325,997	1,541,286	215,289	14.0	-80,892
W. SOUTH CENTRAL:																
Arkansas.....	1,397,657	341,717	24.4	1,055,940	1,550,015	494,075	31.9	+152,358	1,073,631	223,898	20.9	849,733	1,293,303	443,540	34.3	+219,672
Louisiana.....	1,599,273	193,337	12.1	1,405,936	1,596,245	190,309	11.9	-3,028	1,301,714	132,405	10.2	1,169,309	1,326,219	156,910	11.8	+24,505
Oklahoma.....	626,452	111,240	17.8	515,212	1,008,066	1,092,844	68.0	+981,604	240,742	31,678	13.2	209,064	765,867	556,803	72.7	+525,125
Texas.....	3,135,026	404,266	12.9	2,730,757	3,638,665	907,908	25.0	+503,639	2,239,298	207,723	9.3	2,031,575	2,859,430	827,855	29.0	+620,132
MOUNTAIN:																
Montana.....	132,164	32,850	24.9	99,314	277,097	177,783	64.2	+144,933	76,743	14,044	18.3	62,699	174,316	111,617	64.0	+97,573
Idaho.....	122,388	32,163	26.3	90,225	280,288	190,063	67.8	+157,900	60,496	12,074	20.0	48,422	136,544	88,122	64.5	+76,048
Wyoming.....	51,079	19,297	37.8	31,782	116,051	84,269	72.6	+64,972	30,167	10,660	35.3	19,507	74,750	55,243	73.9	+44,583
Colorado.....	323,334	89,818	27.8	233,516	663,780	430,264	64.8	+340,446	193,907	42,226	21.8	151,681	442,877	291,196	65.8	+248,970
New Mexico.....	218,693	33,944	15.5	184,749	302,703	117,954	39.0	+84,010	162,967	19,751	12.1	143,216	181,029	37,804	20.9	+18,053
Arizona.....	96,272	17,324	18.0	78,949	153,648	74,699	48.6	+57,375	59,310	6,530	11.0	52,780	97,949	45,169	46.1	+38,639
Utah.....	304,968	61,914	20.3	243,054	303,709	60,655	20.0	-1,259	220,426	38,534	17.5	181,896	222,032	40,146	18.1	+1,612
Nevada.....	40,397	18,757	46.4	21,640	61,340	39,700	64.7	+29,943	21,848	13,911	43.7	17,937	31,981	14,044	43.9	+133
PACIFIC:																
Washington.....	318,619	55,925	17.6	262,694	870,920	608,226	69.8	+552,301	159,918	26,983	16.9	132,935	308,542	265,607	66.6	+238,624
Oregon.....	293,640	68,538	23.3	225,102	554,640	329,538	59.4	+251,099	208,011	43,580	21.0	164,431	345,520	181,089	52.4	+137,509
California.....	1,004,607	100,611	10.0	903,996	1,767,232	863,236	48.8	+762,625	731,348	70,068	9.6	661,280	1,105,108	443,828	40.2	+373,760

<sup>1</sup> Exclusive of outlying possessions.



WHITE AND NEGRO POPULATION BORN IN EACH STATE, WITH NUMBER AND PERCENTAGE LIVING IN OTHER STATES, AND WHITE AND NEGRO POPULATION LIVING IN EACH STATE, WITH NUMBER AND PERCENTAGE BORN IN OTHER STATES: 1910.

Table 15

Table 15	WHITE PERSONS BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED.								NEGRO PERSONS BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED.							
	STATE.	Born in the specified state.		Born in and living in the specified state.	Living in the specified state.		Gain (+) or loss (-) through inter-state migration.	Born in the specified state.		Born in and living in the specified state.	Living in the specified state.		Gain (+) or loss (-) through inter-state migration.			
		Total.	Living in other states.		Total.	Born in other states.		Total.	Living in other states.							
											Number.	Per cent.		Number.	Per cent.	Number.
United States . . . .	68,070,294	15,264,203	22.4	52,806,091	68,070,294	15,264,203	22.4	9,746,043	1,616,608	16.6	8,129,435	9,746,043	1,616,608	16.6		
NEW ENGLAND:																
Maine . . . . .	789,434	212,251	26.9	577,183	626,824	49,641	7.9	-162,610	1,585	783	49.4	802	1,112	310	27.9	-473
New Hampshire . . . .	374,992	126,609	33.8	248,383	330,644	82,261	24.9	-44,348	506	272	53.8	234	515	281	54.6	+9
Vermont . . . . .	406,871	156,838	38.5	250,033	301,082	51,049	17.0	-105,789	1,045	608	58.2	437	1,546	1,109	71.7	+501
Massachusetts . . . . .	2,198,323	352,104	16.0	1,846,219	2,262,899	416,680	18.4	+64,576	19,078	4,125	21.6	14,953	31,641	16,688	52.7	+12,563
Rhode Island . . . . .	334,490	71,643	21.4	262,847	352,889	90,042	25.5	+18,399	5,401	1,317	24.4	4,084	8,597	4,513	52.5	+3,196
Connecticut . . . . .	763,266	163,630	21.4	599,636	766,819	167,183	21.8	+3,553	10,184	2,888	28.4	7,296	14,698	7,402	50.4	+4,514
MIDDLE ATLANTIC:																
New York . . . . .	6,896,408	1,304,893	18.9	5,591,515	6,207,015	615,500	9.9	-680,393	61,580	11,830	19.2	49,750	120,029	70,279	58.6	+58,449
New Jersey . . . . .	1,569,239	292,143	16.7	1,307,096	1,781,082	473,986	26.6	+211,843	45,312	8,295	18.3	37,017	87,762	50,745	57.8	+42,450
Pennsylvania . . . . .	6,638,068	1,104,976	16.6	5,533,092	6,014,940	481,848	7.7	-643,128	105,253	20,293	19.3	84,960	190,738	105,778	55.5	+85,485
E. NORTH CENTRAL:																
Ohio . . . . .	4,636,712	1,148,992	24.8	3,487,720	4,044,406	556,686	13.8	-592,306	76,044	16,850	22.2	59,194	109,643	50,449	46.0	+33,599
Indiana . . . . .	2,770,353	764,460	27.6	2,005,893	2,472,618	466,725	18.9	-297,735	34,794	9,570	27.5	25,224	59,812	34,588	57.8	+25,018
Illinois . . . . .	4,665,846	1,295,278	27.8	3,370,568	4,296,965	926,397	21.6	-368,881	48,564	12,647	26.0	35,917	106,141	70,224	66.2	+57,577
Michigan . . . . .	2,149,417	403,666	18.8	1,745,751	2,175,508	429,757	19.8	+26,091	11,576	3,384	29.2	8,192	14,516	6,324	43.6	+2,940
Wisconsin . . . . .	2,065,339	517,556	25.1	1,547,783	1,802,096	254,313	14.1	-263,243	2,248	1,077	47.9	1,171	2,763	1,592	57.6	+515
W. NORTH CENTRAL:																
Minnesota . . . . .	1,433,733	322,375	22.5	1,111,358	1,507,839	396,481	26.3	+74,106	2,738	1,182	43.2	1,556	6,688	5,132	76.7	+3,950
Iowa . . . . .	2,209,192	798,185	36.1	1,411,007	1,926,282	515,275	26.7	-282,910	8,736	3,483	39.9	5,253	14,702	9,449	64.3	+5,066
Missouri . . . . .	2,991,932	879,112	29.4	2,112,820	2,890,027	777,207	26.9	-101,905	149,218	39,269	26.3	109,949	155,248	45,299	29.2	+6,030
North Dakota . . . . .	239,110	46,668	19.5	192,442	408,237	215,795	52.9	+169,127	297	195	65.7	102	592	490	82.8	+295
South Dakota . . . . .	288,453	78,975	27.4	209,478	460,579	251,101	54.5	+172,126	495	356	71.9	139	782	643	82.2	+287
Nebraska . . . . .	832,777	241,509	29.0	591,268	998,757	407,489	40.8	+165,980	2,846	1,189	41.8	1,657	7,397	5,740	77.6	+4,551
Kansas . . . . .	1,214,987	415,583	34.2	799,404	1,491,029	691,625	46.4	+276,042	33,786	10,832	32.1	22,954	53,204	30,270	56.9	+19,418
SOUTH ATLANTIC:																
Delaware . . . . .	165,143	50,680	30.7	114,463	153,347	38,884	25.4	-11,796	32,664	9,996	30.6	22,668	31,067	8,399	27.0	-1,597
Maryland . . . . .	1,034,596	299,854	29.0	734,742	966,638	231,896	13.8	-77,958	262,540	60,946	23.2	201,594	231,363	29,769	12.9	-31,177
Dist. Columbia . . . .	133,056	34,213	25.7	98,843	210,295	111,452	53.0	+77,239	52,282	11,823	22.6	40,459	93,517	53,058	56.7	+41,235
Virginia . . . . .	1,587,404	368,233	23.2	1,219,171	1,361,422	142,251	10.4	-225,982	876,806	253,334	28.9	623,472	670,042	46,570	7.0	-206,764
West Virginia . . . . .	1,082,284	178,399	16.5	903,885	1,097,265	193,380	17.6	+14,921	36,417	9,257	25.4	27,160	43,733	16,573	57.4	+27,316
North Carolina . . . .	1,655,835	237,229	14.3	1,418,606	1,493,679	75,073	5.0	-162,156	806,537	143,143	17.7	663,394	696,786	33,392	4.8	-109,751
South Carolina . . . .	735,470	125,793	17.1	609,677	672,555	62,878	9.3	-62,915	956,605	135,547	14.2	821,058	835,126	14,068	1.7	-121,479
Georgia . . . . .	1,579,239	312,219	19.8	1,267,017	1,412,666	145,649	10.3	-166,570	1,248,852	151,095	12.1	1,097,257	1,173,078	75,821	6.5	-75,274
Florida . . . . .	300,195	35,740	11.9	264,455	407,958	143,503	35.2	+107,763	215,110	16,614	7.7	198,496	299,774	101,278	33.8	+84,664
E. SOUTH CENTRAL:																
Kentucky . . . . .	2,380,524	582,790	24.5	1,797,734	1,985,732	187,998	9.5	-394,792	323,794	90,340	27.9	233,454	290,916	57,462	10.5	-62,878
Tennessee . . . . .	2,026,788	546,886	27.0	1,479,902	1,688,549	208,647	12.4	-338,239	517,072	123,899	24.0	393,173	470,878	77,705	16.5	-46,194
Alabama . . . . .	1,344,469	327,202	24.3	1,017,267	1,208,219	190,952	15.8	-136,250	971,167	131,346	13.5	839,821	905,802	65,981	7.3	-65,365
Mississippi . . . . .	880,060	217,163	24.7	662,897	775,176	112,279	14.5	-104,884	1,032,565	132,875	12.9	899,690	1,006,126	106,436	10.6	-26,439
W. SOUTH CENTRAL:																
Arkansas . . . . .	1,062,034	302,387	28.5	759,647	1,109,436	349,789	31.5	+47,402	334,589	38,549	11.5	296,040	440,105	144,065	32.7	+105,516
Louisiana . . . . .	871,758	109,389	12.5	762,369	884,532	122,163	13.8	+12,774	726,496	83,763	11.5	642,733	710,755	68,022	9.6	-15,741
Oklahoma . . . . .	507,652	104,647	20.6	403,005	1,397,343	994,338	71.2	+889,691	51,334	5,358	10.4	45,976	136,396	90,420	66.3	+85,062
Texas . . . . .	2,468,356	340,933	13.8	2,127,423	2,953,269	825,846	28.0	+484,913	664,823	62,062	9.3	602,761	684,644	81,883	12.0	+19,821
MOUNTAIN:																
Montana . . . . .	121,383	31,476	25.9	89,907	264,861	174,954	66.1	+143,478	665	326	49.0	339	1,706	1,367	80.1	+1,041
Idaho . . . . .	118,618	31,501	26.6	87,117	276,160	189,043	68.5	+157,542	468	399	85.3	69	608	539	88.7	+140
Wyoming . . . . .	48,374	18,167	37.6	30,207	112,369	82,162	73.1	+63,996	314	161	51.3	153	2,146	1,993	92.9	+1,832
Colorado . . . . .	317,945	87,681	27.6	230,264	651,149	420,885	64.6	+333,204	3,513	1,357	38.6	2,156	11,096	8,940	80.6	+7,583
New Mexico . . . . .	197,037	32,770	16.6	164,267	280,602	116,335	41.5	+83,565	941	531	56.4	410	1,577	1,167	74.0	+636
Arizona . . . . .	66,295	15,816	23.9	50,479	122,883	72,404	58.9	+56,588	538	251	46.7	287	1,945	1,658	85.2	+1,407
Utah . . . . .	302,021	61,442	20.3	240,579	299,582	59,003	19.7	-2,439	527	365	69.3	162	1,009	847	83.9	+482
Nevada . . . . .	34,852	18,057	51.8	16,795	55,602	38,807	69.8	+20,750	376	332	88.3	44	484	440	90.9	+108
PACIFIC:																
Washington . . . . .	305,022	54,050	17.7	250,972	853,494	602,522	70.6	+548,472	1,546	1,012	65.5	534	5,591	5,057	90.4	+4,945
Oregon . . . . .	287,645	67,573	23.5	220,072	547,322	327,250	59.8	+259,677	398	204	51.3	194	1,387	1,193	86.0	+989
California . . . . .	967,300	94,467	9.8	872,833	1,719,712	846,879	49.2	+752,412	6,318	1,258	19.9	5,060	20,260	15,200	75.0	+13,942

<sup>1</sup> Exclusive of outlying possessions.



## STATE OF BIRTH OF NATIVE POPULATION

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NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910.

Table 16  DIVISION OR STATE OF RESIDENCE.	Total native born: 1910	POPULATION BORN IN—												State not specified.	Out- lying pos- sessions. <sup>1</sup>
		United States.	Geographic division.												
			New Eng- land.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Moun- tain.	Pacific.				
United States.....	78,456,380	78,381,104	4,907,215	15,342,852	16,479,755	9,443,180	12,770,824	9,481,023	6,758,408	1,289,296	1,616,866	285,685	75,276		
GEOGRAPHIC DIVISIONS:															
New England.....	4,727,571	4,713,412	4,338,452	252,017	38,219	13,664	40,741	5,428	4,164	3,940	5,463	11,324	14,159		
Middle Atlantic.....	14,464,719	14,449,409	219,782	13,461,446	215,559	50,210	393,230	29,992	14,777	11,997	13,392	39,024	15,310		
East North Central.....	15,176,855	15,161,277	97,614	658,099	13,402,685	337,230	203,063	339,296	32,229	17,919	15,195	57,947	15,578		
West North Central.....	10,021,226	10,014,417	73,396	338,310	1,420,484	7,608,995	122,027	236,667	105,493	38,351	17,744	52,950	6,809		
South Atlantic.....	11,804,901	11,892,399	29,808	200,437	114,568	23,632	11,292,714	182,899	17,386	3,879	4,335	22,741	2,502		
East South Central.....	8,322,076	8,321,346	5,406	27,568	134,358	29,333	329,067	7,092,342	81,925	2,375	1,728	17,244	730		
West South Central.....	8,432,342	8,429,177	11,368	61,474	313,673	497,604	275,645	859,832	6,347,452	17,378	8,535	36,196	3,165		
Mountain.....	2,180,195	2,176,066	31,132	110,724	293,310	383,584	44,874	57,317	87,482	1,101,006	49,187	17,450	4,129		
Pacific.....	3,236,495	3,223,601	100,257	232,777	546,899	504,928	69,463	77,230	67,500	92,451	1,501,287	30,809	12,894		
NEW ENGLAND:															
Maine.....	631,809	630,039	614,579	7,005	2,610	1,472	1,491	421	233	344	593	1,291	1,770		
New Hampshire.....	333,905	332,296	317,369	9,183	1,952	857	925	229	178	228	270	1,105	1,609		
Vermont.....	306,035	303,826	275,058	22,046	2,204	1,127	982	516	203	271	238	1,181	2,209		
Massachusetts.....	2,307,171	2,300,413	2,133,335	101,860	21,124	7,084	22,069	2,811	2,422	1,938	3,291	4,489	6,758		
Rhode Island.....	363,469	362,757	332,191	18,648	3,072	998	5,283	531	408	338	357	931	712		
Connecticut.....	785,182	784,081	665,920	93,275	7,257	2,126	10,001	920	720	821	714	2,327	1,101		
MIDDLE ATLANTIC:															
New York.....	6,365,603	6,355,376	154,921	5,911,363	96,261	25,680	106,686	15,214	9,007	6,117	8,430	21,097	10,227		
New Jersey.....	1,876,379	1,874,577	36,003	1,730,410	20,169	5,643	67,401	3,855	2,009	1,946	1,803	5,338	1,802		
Pennsylvania.....	6,222,737	6,219,456	28,858	5,819,673	99,129	18,887	219,143	10,923	3,761	3,934	3,159	11,989	3,281		
EAST NORTH CENTRAL:															
Ohio.....	4,168,747	4,166,373	17,739	209,983	3,684,342	29,141	106,584	95,504	5,662	2,820	2,568	12,030	2,374		
Indiana.....	2,541,213	2,540,456	5,741	53,704	2,296,222	30,955	32,051	105,701	4,656	2,299	1,436	7,091	757		
Illinois.....	4,433,277	4,429,948	37,533	180,850	3,785,932	190,546	51,057	125,716	18,108	7,728	6,357	26,121	3,329		
Michigan.....	2,212,623	2,204,978	19,670	153,870	1,976,061	23,752	8,952	7,851	2,368	2,627	2,260	7,567	7,645		
Wisconsin.....	1,820,995	1,819,522	16,031	59,692	1,600,128	62,836	4,419	4,524	1,435	2,445	2,574	4,538	1,473		
WEST NORTH CENTRAL:															
Minnesota.....	1,532,113	1,530,532	23,251	53,756	199,064	1,227,121	6,266	5,496	1,948	3,931	2,680	7,019	1,581		
Iowa.....	1,951,006	1,949,754	14,523	79,491	286,047	1,517,862	17,754	13,655	4,626	4,721	2,679	8,396	1,252		
Missouri.....	3,063,556	3,062,454	10,310	59,529	337,038	2,366,528	51,124	153,191	55,730	7,617	4,596	16,791	1,102		
North Dakota.....	420,402	419,744	3,559	13,449	69,498	319,883	3,304	1,826	812	1,639	873	4,901	658		
South Dakota.....	483,098	482,617	4,361	17,673	86,130	300,160	3,322	2,430	1,458	3,347	1,006	2,730	481		
Nebraska.....	1,015,552	1,014,745	8,058	47,209	161,283	755,729	12,135	9,954	4,920	8,012	2,307	5,138	807		
Kansas.....	1,555,499	1,554,571	9,334	67,203	281,424	1,061,712	28,122	50,115	35,999	9,084	3,603	7,975	928		
SOUTH ATLANTIC:															
Delaware.....	184,830	184,764	1,073	21,159	1,140	395	160,133	291	81	65	79	348	66		
Maryland.....	1,190,402	1,189,881	4,937	53,645	8,933	2,962	1,112,457	2,750	1,162	559	733	1,743	521		
District of Columbia.....	306,167	305,742	7,346	26,702	12,317	4,207	245,565	4,637	1,812	621	767	1,768	425		
Virginia.....	2,034,555	2,034,169	3,969	25,469	12,457	4,172	1,958,806	23,827	1,837	800	698	2,131	386		
West Virginia.....	1,163,901	1,163,706	1,258	43,086	51,841	2,773	1,037,326	22,330	916	501	971	2,704	195		
North Carolina.....	2,200,195	2,200,055	1,737	5,968	3,542	1,371	2,172,504	11,349	1,375	255	232	1,722	140		
South Carolina.....	1,509,221	1,509,132	1,033	2,789	1,467	556	1,495,677	5,342	896	180	84	1,108	89		
Georgia.....	2,593,644	2,593,323	2,841	8,441	8,216	2,957	2,493,462	63,949	5,148	516	364	7,429	321		
Florida.....	711,986	711,627	5,614	13,178	14,655	4,239	616,781	48,424	4,159	382	407	3,788	359		
EAST SOUTH CENTRAL:															
Kentucky.....	2,249,743	2,249,528	1,527	9,166	81,926	10,241	35,254	2,101,159	5,409	696	524	2,626	215		
Tennessee.....	2,166,182	2,165,940	1,970	9,475	29,418	10,619	95,981	1,931,097	19,587	854	645	6,294	242		
Alabama.....	2,118,807	2,118,636	1,335	6,357	14,507	4,144	148,212	1,928,437	11,106	540	309	3,689	171		
Mississippi.....	1,787,344	1,787,242	574	2,570	8,507	4,329	48,620	1,671,649	45,823	285	250	4,635	102		
WEST SOUTH CENTRAL:															
Arkansas.....	1,557,403	1,557,208	1,271	7,231	64,668	69,155	65,453	211,402	1,128,312	1,548	975	7,193	196		
Louisiana.....	1,603,622	1,603,041	1,599	6,655	13,070	9,980	27,476	89,467	1,446,748	599	651	6,796	581		
Oklahoma.....	1,616,713	1,616,206	3,018	24,503	157,663	326,989	52,094	167,345	806,750	6,810	2,884	8,150	507		
Texas.....	3,654,604	3,652,722	5,480	23,085	78,272	91,480	130,622	391,638	2,905,642	8,421	4,025	14,057	1,882		
MOUNTAIN:															
Montana.....	281,340	280,585	6,012	17,866	54,938	69,422	5,419	5,687	3,626	108,402	5,725	3,488	755		
Idaho.....	283,016	282,425	3,269	11,447	41,133	58,419	6,307	5,465	5,268	130,136	18,844	2,137	591		
Wyoming.....	116,945	116,751	2,110	8,055	18,979	33,619	3,027	2,836	2,640	43,594	1,191	700	154		
Colorado.....	669,457	668,534	12,772	50,339	124,890	165,600	16,800	20,230	16,584	252,319	4,246	4,754	903		
New Mexico.....	304,155	303,817	1,246	5,292	18,072	24,039	5,172	13,275	43,129	191,282	1,196	1,114	338		
Arizona.....	155,589	155,005	1,987	6,324	14,057	12,263	3,732	5,428	13,336	89,425	7,096	1,357	584		
Utah.....	307,529	306,928	1,927	6,960	13,402	13,623	3,114	3,056	1,587	257,387	2,623	3,219	601		
Nevada.....	62,184	62,021	1,805	4,411	7,839	6,599	1,303	1,340	1,312	28,461	8,266	681	163		
PACIFIC:															
Washington.....	885,749	882,241	22,979	60,709	193,141	196,425	23,108	21,415	15,186	27,933	310,024	11,321	3,508		
Oregon.....	559,629	558,509	9,962	30,888	96,802	105,534	10,577	12,068	10,311	17,674	200,794	3,729	1,260		
California.....	1,791,117	1,782,991	67,316	141,180	256,956	202,969	35,778	43,717	42,003	46,844	930,469	15,759	8,126		

<sup>1</sup> Includes also persons born at sea under United States flag and American citizens born abroad.



## NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Continued.

DIVISION OR STATE OF RESIDENCE.	POPULATION BORN IN—													
	New England division.						Middle Atlantic division.			East North Central division.				
	Maine.	New Hampshire.	Vermont.	Massachusetts.	Rhode Island.	Connecticut.	New York.	New Jersey.	Pennsylvania.	Ohio.	Indiana.	Illinois.	Michigan.	Wisconsin.
<b>United States</b> .....	791,827	375,522	407,940	2,218,157	340,038	773,671	6,964,461	1,614,674	6,763,717	4,713,009	2,805,516	4,714,723	2,168,645	2,077,862
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.....	700,758	340,038	322,744	1,999,329	311,786	663,797	195,278	22,778	33,961	10,686	3,060	10,786	9,027	4,651
Middle Atlantic.....	17,761	9,227	28,466	89,151	13,663	61,514	6,014,659	1,509,815	5,936,972	110,773	19,649	41,463	30,579	13,095
East North Central.....	13,650	7,096	18,755	37,836	3,900	16,377	325,116	26,779	306,204	3,954,072	2,296,813	3,592,391	1,896,829	1,662,580
West North Central.....	16,461	6,364	16,343	22,547	2,476	9,205	159,935	14,423	163,932	264,974	225,460	614,506	77,362	238,182
South Atlantic.....	4,867	2,061	2,524	12,527	2,173	5,656	51,334	15,808	133,295	71,981	13,421	15,036	9,153	4,977
East South Central.....	811	393	543	2,365	335	959	11,537	1,530	14,501	55,857	43,762	25,246	6,117	3,376
West South Central.....	2,336	926	1,668	4,284	552	1,602	26,505	3,228	31,741	62,551	78,462	144,086	15,486	13,088
Mountain.....	7,675	2,358	4,870	11,274	1,142	3,813	52,284	6,301	52,139	63,108	44,942	104,813	36,569	43,878
Pacific.....	27,508	7,059	12,027	38,844	4,071	10,748	127,813	14,012	90,932	119,007	79,938	166,396	87,523	94,035
<b>NEW ENGLAND:</b>														
Maine.....	578,739	10,621	2,569	19,899	1,251	1,500	4,583	695	1,727	704	244	559	644	459
New Hampshire.....	15,992	248,629	19,663	30,090	1,358	1,637	7,490	647	1,046	424	125	513	508	292
Vermont.....	2,442	9,794	250,480	10,389	546	1,407	20,599	450	997	505	135	608	446	510
Massachusetts.....	94,515	64,503	41,439	1,861,820	32,553	38,505	77,522	8,677	15,661	5,787	1,612	6,253	5,230	2,242
Rhode Island.....	4,778	3,261	3,032	40,330	267,116	13,674	12,375	2,335	3,938	954	280	753	701	384
Connecticut.....	4,292	3,230	5,561	36,801	8,962	607,074	72,709	9,974	10,592	2,312	673	2,100	1,408	764
<b>MIDDLE ATLANTIC:</b>														
New York.....	11,188	6,198	24,013	60,900	8,740	43,882	5,647,063	99,068	165,232	34,913	8,610	23,635	20,804	8,299
New Jersey.....	3,297	1,620	2,043	15,149	2,614	11,280	252,769	1,344,164	133,477	7,945	2,261	5,702	2,777	1,484
Pennsylvania.....	3,276	1,409	2,410	13,102	2,309	6,352	114,827	66,583	5,638,263	67,915	8,778	12,126	6,998	3,312
<b>EAST NORTH CENTRAL:</b>														
Ohio.....	1,675	1,127	2,394	7,614	788	4,141	57,368	6,740	145,875	3,546,991	66,794	25,753	38,021	5,883
Indiana.....	686	443	840	2,402	290	1,080	16,771	2,933	34,000	157,119	2,031,345	80,527	22,366	4,865
Illinois.....	4,515	2,895	6,433	16,280	1,609	5,801	92,300	10,434	78,116	122,391	143,188	3,406,638	46,419	67,296
Michigan.....	2,913	1,377	4,334	6,889	661	3,496	116,847	4,525	32,498	109,932	45,597	33,366	1,761,085	26,081
Wisconsin.....	3,861	1,254	4,754	4,651	552	1,859	41,830	2,147	15,715	17,639	9,889	46,107	28,038	1,558,455
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....	8,024	1,927	4,467	6,234	618	1,981	35,460	2,025	16,271	18,226	11,681	46,192	26,217	96,748
Iowa.....	2,142	1,535	4,237	4,112	499	1,998	36,143	3,183	40,165	61,851	37,852	138,310	9,511	38,523
Missouri.....	1,403	759	1,474	4,529	484	1,661	26,173	3,107	30,249	64,616	64,237	186,691	10,124	11,370
North Dakota.....	1,036	275	780	991	99	378	7,554	466	5,429	6,499	9,416	16,903	6,677	30,003
South Dakota.....	947	384	1,205	1,196	141	488	10,160	646	6,867	8,682	7,498	32,360	6,380	31,210
Nebraska.....	1,318	690	1,909	2,497	329	1,315	21,019	2,231	23,959	31,204	25,483	77,709	8,243	18,644
Kansas.....	1,591	794	2,271	2,988	306	1,384	23,426	2,765	41,012	73,896	69,293	116,341	10,210	11,684
<b>SOUTH ATLANTIC:</b>														
Delaware.....	135	69	77	405	73	314	2,560	2,825	15,774	425	159	275	210	71
Maryland.....	979	199	316	2,197	353	893	9,517	3,491	40,637	4,151	1,255	1,792	1,129	606
District of Columbia.....	1,101	568	682	3,254	506	1,235	11,536	2,653	12,513	5,093	2,059	2,774	1,449	942
Virginia.....	605	268	276	1,754	298	768	8,850	2,803	13,816	5,438	1,697	2,167	1,784	1,371
West Virginia.....	248	100	157	524	68	161	3,501	841	38,744	46,814	2,550	1,420	760	297
North Carolina.....	268	141	203	668	134	323	2,315	590	3,063	1,393	818	660	469	202
South Carolina.....	126	74	82	408	185	157	1,365	299	1,125	542	261	339	218	107
Georgia.....	388	179	241	1,256	231	546	4,433	889	3,119	3,222	1,752	1,865	972	405
Florida.....	1,017	463	490	2,061	324	1,259	7,257	1,417	4,504	4,903	2,870	3,744	2,162	976
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.....	163	73	125	811	96	259	3,614	532	5,020	38,857	30,830	10,188	1,328	723
Tennessee.....	317	164	239	780	128	342	4,181	535	4,759	10,229	7,812	7,726	2,494	1,157
Alabama.....	213	108	117	554	86	257	2,509	328	3,520	4,955	2,974	4,129	1,388	1,061
Mississippi.....	118	48	62	220	25	101	1,233	135	1,202	1,816	2,146	3,203	907	435
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	209	110	212	475	80	185	3,096	371	3,764	9,832	16,831	33,682	2,592	1,731
Louisiana.....	234	68	147	845	70	235	3,830	411	2,414	3,276	2,613	4,727	1,558	896
Oklahoma.....	642	275	633	909	126	433	8,302	976	15,135	33,094	41,249	71,085	6,115	6,120
Texas.....	1,251	473	676	2,055	276	749	11,187	1,470	10,428	16,349	17,709	34,592	5,221	4,341
<b>MOUNTAIN:</b>														
Montana.....	1,008	434	975	1,905	197	593	8,464	996	8,406	8,450	6,208	14,527	10,825	14,928
Idaho.....	1,048	233	550	1,034	99	305	5,237	510	5,700	7,039	5,545	13,172	6,126	9,251
Wyoming.....	414	207	366	801	94	228	3,640	422	3,993	4,323	3,047	7,331	1,751	2,527
Colorado.....	2,610	947	2,024	4,828	508	1,855	23,802	2,941	23,596	30,573	21,219	49,964	11,049	12,065
New Mexico.....	391	157	188	407	43	150	2,381	271	2,640	4,087	3,564	7,607	1,685	1,129
Arizona.....	477	126	273	793	67	251	3,082	424	2,818	3,549	2,289	4,700	2,100	1,419
Utah.....	394	138	285	787	78	245	3,385	442	3,163	3,109	2,029	5,024	1,760	1,420
Nevada.....	523	116	209	719	56	186	2,293	295	1,823	1,918	1,041	2,488	1,273	1,119
<b>PACIFIC:</b>														
Washington.....	8,050	1,593	2,939	7,511	707	2,179	31,706	2,707	26,296	32,849	23,773	51,163	38,089	47,267
Oregon.....	2,911	787	1,556	3,218	354	1,136	16,115	1,421	13,332	20,030	14,877	27,942	15,198	18,755
California.....	16,547	4,679	7,532	28,115	3,010	7,433	79,902	9,884	51,304	66,128	41,288	87,291	34,236	28,013



## STATE OF BIRTH OF NATIVE POPULATION.

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NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Contd.

DIVISION OR STATE OF RESIDENCE.	POPULATION BORN IN—															
	West North Central division.								South Atlantic division.							
	Minnesota.	Iowa.	Missouri.	North Dakota.	South Dakota.	Nebraska.	Kansas.	Delaware.	Maryland.	Dist. Columbia.	Virginia.	West Virginia.	North Carolina.	South Carolina.	Georgia.	Florida.
United States.....	1,445,105	2,218,420	3,141,883	245,810	305,604	839,783	1,251,574	197,813	1,297,179	185,453	2,464,845	1,118,754	2,470,495	1,692,548	2,828,309	515,428
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	3,650	3,269	2,982	450	438	1,225	1,650	1,432	6,820	2,606	14,671	1,040	6,473	2,812	3,362	1,525
Middle Atlantic.....	7,041	11,628	18,162	950	1,348	4,233	6,848	38,390	106,081	15,165	132,960	30,311	34,747	15,931	14,316	5,329
E. North Central.....	52,494	95,656	115,335	4,979	8,194	23,126	37,446	3,040	27,800	3,752	63,717	65,718	20,561	4,971	10,942	2,562
W. North Central.....	1,247,409	1,805,901	2,453,938	216,743	265,289	686,087	933,628	1,690	14,667	2,025	51,076	21,337	16,410	3,697	9,416	1,709
South Atlantic.....	2,912	5,444	8,490	490	728	2,087	3,481	149,789	1,119,229	156,944	2,074,347	902,282	2,271,118	1,593,500	2,483,047	482,458
E. South Central.....	2,034	4,028	17,948	264	640	1,120	3,299	344	3,787	649	56,939	9,051	53,386	30,933	161,989	11,949
W. South Central.....	7,388	60,068	281,391	1,098	2,713	22,502	122,444	524	5,349	994	39,655	10,132	47,574	35,794	128,925	6,098
Mountain.....	35,109	101,362	111,730	7,145	9,878	50,820	67,549	903	4,676	1,088	12,277	7,740	8,021	1,935	7,138	1,096
Pacific.....	88,069	131,064	131,907	13,691	16,376	48,583	75,238	1,701	8,770	2,230	19,183	11,143	12,205	2,955	9,174	2,102
<b>NEW ENGLAND:</b>																
Maine.....	658	247	181	105	50	96	135	54	433	111	298	91	160	71	162	111
New Hampshire.....	232	237	136	48	42	67	95	36	174	77	272	45	107	59	97	58
Vermont.....	219	324	161	44	73	141	165	18	129	78	304	25	91	73	188	76
Massachusetts.....	1,875	1,672	1,752	169	167	604	845	681	3,520	1,394	7,961	457	3,832	1,624	1,787	803
Rhode Island.....	257	207	236	30	35	120	113	124	1,072	361	2,076	147	541	351	463	148
Connecticut.....	409	582	516	54	71	197	297	519	1,492	585	3,760	275	1,742	634	665	329
<b>MIDDLE ATLANTIC:</b>																
New York.....	4,388	6,126	8,516	518	705	2,276	3,151	3,048	17,360	6,309	40,856	2,646	14,450	10,098	8,692	3,227
New Jersey.....	775	1,342	2,055	98	164	449	760	8,423	15,545	2,589	26,177	1,000	7,720	2,727	2,284	936
Pennsylvania.....	1,878	4,160	7,591	334	479	1,508	2,937	26,919	73,176	6,267	65,927	26,665	12,577	3,109	3,340	1,166
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	2,538	7,704	9,548	432	502	2,533	5,884	885	11,724	1,175	31,007	50,547	5,814	1,641	3,154	637
Indiana.....	1,854	7,246	11,595	429	495	2,471	6,954	572	3,485	368	11,736	5,194	8,183	630	1,581	302
Illinois.....	12,753	57,948	85,161	1,197	2,511	11,968	19,008	978	9,640	1,664	17,360	7,580	5,417	2,222	5,101	1,065
Michigan.....	4,594	6,446	4,475	989	1,280	2,547	3,421	373	1,839	368	2,531	1,746	897	280	670	278
Wisconsin.....	30,755	16,312	4,556	1,932	3,495	3,607	2,179	232	1,112	177	1,083	651	280	198	436	250
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	1,121,376	67,100	6,485	12,980	11,010	5,165	3,005	218	1,312	313	1,736	937	524	258	695	273
Iowa.....	16,669	1,416,584	39,664	1,361	8,454	21,724	13,406	333	2,980	211	7,056	3,654	2,081	314	900	225
Missouri.....	4,207	56,893	2,222,925	570	1,449	13,733	66,751	457	4,520	777	24,629	6,330	7,258	1,540	4,989	624
North Dakota.....	68,972	30,553	4,785	197,847	12,669	3,484	1,573	63	401	38	1,164	724	659	101	97	57
South Dakota.....	27,143	75,815	7,347	2,966	225,125	18,347	3,417	64	475	74	1,006	638	400	412	192	61
Nebraska.....	5,312	94,623	32,929	526	4,940	595,551	21,848	236	1,743	208	5,085	2,447	1,360	275	584	197
Kansas.....	3,730	64,333	139,803	493	1,642	28,083	823,628	319	3,236	404	10,400	6,607	4,128	797	1,959	272
<b>SOUTH ATLANTIC:</b>																
Delaware.....	40	104	119	35	19	30	48	137,131	19,779	294	2,156	187	320	106	97	63
Maryland.....	393	634	1,156	69	73	261	376	9,715	1,026,355	10,591	45,816	12,938	4,257	1,219	1,201	345
District of Columbia.....	603	1,098	1,387	72	114	332	601	806	41,523	139,351	52,714	2,444	4,482	1,995	1,888	362
Virginia.....	645	850	1,323	143	227	450	534	1,288	15,289	5,149	1,843,152	12,957	73,813	3,735	2,686	740
West Virginia.....	175	606	1,085	38	39	244	586	140	11,467	502	88,532	931,077	9,174	655	610	169
North Carolina.....	100	235	482	25	40	238	251	246	1,626	273	29,939	903,289	728	42,525	6,589	675
South Carolina.....	75	104	224	18	28	39	68	77	650	115	3,422	254	42,749	1,431,028	16,373	1,009
Georgia.....	355	771	1,131	33	98	212	357	160	1,398	418	8,709	492	28,953	72,891	2,364,349	16,092
Florida.....	526	1,042	1,583	57	90	281	660	226	1,142	251	4,907	1,010	17,642	39,346	89,254	463,003
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	312	936	7,019	108	42	266	1,558	105	1,124	178	18,541	7,136	4,994	957	2,832	387
Tennessee.....	677	1,405	6,690	90	332	429	996	101	1,002	228	23,229	1,185	29,066	6,314	33,895	961
Alabama.....	441	857	1,862	49	199	268	468	88	812	163	7,638	488	8,772	14,237	107,643	8,371
Mississippi.....	604	830	2,377	17	67	157	277	50	849	80	7,531	242	10,554	9,445	17,619	2,230
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	806	5,286	54,046	110	262	1,474	7,171	54	733	137	6,599	1,419	15,439	13,162	27,307	683
Louisiana.....	586	1,711	6,018	62	88	381	1,124	75	1,333	208	5,380	358	3,769	3,703	10,723	1,927
Oklahoma.....	3,553	41,186	162,266	448	1,513	16,844	101,179	151	1,216	217	9,820	5,940	9,483	4,015	20,485	727
Texas.....	2,443	11,885	59,061	478	850	3,803	12,960	244	2,067	432	17,816	2,415	18,863	14,914	70,510	3,361
<b>MOUNTAIN:</b>																
Montana.....	17,403	17,455	15,703	4,594	3,642	5,655	4,970	107	746	133	1,513	961	1,106	229	535	95
Idaho.....	7,839	16,168	15,289	1,359	1,687	7,351	8,706	67	379	106	1,983	1,248	1,681	171	587	94
Wyoming.....	1,239	10,651	7,295	166	1,501	8,552	4,215	54	435	95	859	496	521	138	360	69
Colorado.....	5,785	44,276	50,729	635	2,176	24,643	37,350	432	2,001	420	4,535	3,294	2,746	590	2,428	354
New Mexico.....	521	4,184	11,905	68	204	1,176	6,281	52	285	81	1,288	612	708	286	1,644	156
Arizona.....	802	2,417	5,206	116	244	722	2,756	43	337	108	934	516	461	221	943	109
Utah.....	944	4,303	3,634	120	248	2,089	2,285	77	292	90	821	412	588	239	474	121
Nevada.....	556	1,908	2,269	87	176	632	971	71	219	55	344	201	156	61	167	38
<b>PACIFIC:</b>																
Washington.....	52,198	47,862	38,665	7,867	8,000	17,647	24,186	459	2,075	462	6,827	4,455	5,502	753	2,002	582
Oregon.....	16,499	28,242	25,456	3,025	3,809	12,596	15,937	232	1,126	216	3,114	1,985	2,345	316	921	322
California.....	19,372	54,960	67,786	2,799	4,567	18,370	35,115	1,019	5,569	1,552	9,242	4,703	4,358	1,886	6,251	1,198



## ABSTRACT OF THE CENSUS—POPULATION.

NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Continued.

DIVISION OR STATE OF RESIDENCE.	POPULATION BORN IN—															
	East South Central division.				West South Central division.				Mountain division.							
	Kentucky.	Tennessee.	Alabama.	Mississippi.	Arkansas.	Louisiana.	Oklahoma.	Texas.	Montana.	Idaho.	Wyoming.	Colorado.	New Mexico.	Arizona.	Utah.	Nevada.
United States.....	2,704,675	2,544,434	2,316,790	1,915,124	1,397,657	1,599,273	626,452	3,135,026	132,164	122,388	51,079	325,334	218,693	96,273	304,948	40,397
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	2,166	1,341	1,302	529	395	2,433	169	1,167	508	400	199	1,400	612	226	200	395
Middle Atlantic.....	14,327	7,445	5,862	2,358	1,710	7,021	847	5,199	1,359	1,265	899	3,919	1,453	1,496	831	775
East North Central.....	254,780	62,095	12,319	10,102	9,655	8,377	5,044	9,153	2,746	2,307	1,241	7,466	1,279	1,141	1,207	532
West North Central.....	126,195	85,631	11,069	13,772	40,477	8,659	32,745	23,612	5,715	2,528	4,215	19,314	2,727	1,003	2,065	784
South Atlantic.....	39,805	48,144	86,309	8,641	3,752	5,252	1,016	7,366	425	592	294	1,097	426	272	442	331
East South Central.....	2,084,251	2,004,079	1,968,915	1,635,097	22,382	40,178	2,465	17,200	294	435	94	802	217	232	142	159
West South Central.....	121,605	288,216	216,741	233,290	1,288,152	1,515,356	557,253	2,985,691	799	1,199	577	6,464	5,457	1,595	875	412
Mountain.....	26,090	18,757	7,154	5,316	13,588	3,715	16,518	53,661	106,556	98,721	39,970	256,443	202,833	82,939	287,942	25,582
Pacific.....	35,456	28,726	7,029	6,019	17,546	8,282	10,695	30,977	13,762	14,941	3,590	26,429	3,609	7,369	11,264	11,427
<b>NEW ENGLAND:</b>																
Maine.....	158	89	135	39	30	84	17	102	68	49	7	117	43	10	19	31
New Hampshire.....	86	39	71	33	27	82	20	49	36	25	16	71	7	11	13	49
Vermont.....	165	166	164	21	35	47	19	102	39	34	15	80	41	7	26	29
Massachusetts.....	1,125	686	710	290	205	1,537	75	605	267	199	115	652	333	83	110	179
Rhode Island.....	230	151	112	38	41	260	6	101	36	32	18	102	64	31	12	43
Connecticut.....	402	210	200	108	57	423	32	208	62	61	28	378	124	84	20	64
<b>MIDDLE ATLANTIC:</b>																
New York.....	6,943	3,652	3,120	1,499	947	4,405	347	3,308	784	573	562	2,067	664	595	481	401
New Jersey.....	1,821	905	809	320	214	1,067	79	649	157	212	80	540	495	168	122	163
Pennsylvania.....	5,563	2,888	1,933	539	549	1,549	421	1,242	418	480	248	1,322	294	733	228	211
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	83,028	8,904	2,343	1,229	1,050	1,517	1,733	1,362	325	328	189	1,244	195	226	190	123
Indiana.....	89,185	13,797	1,768	951	1,087	900	754	1,315	161	767	83	841	114	178	116	39
Illinois.....	74,543	36,939	7,053	7,181	5,907	5,065	2,018	5,118	985	661	466	3,703	626	446	639	202
Michigan.....	5,134	1,698	604	415	624	498	376	870	603	268	169	1,014	189	128	158	98
Wisconsin.....	2,890	757	551	326	387	397	163	488	672	283	334	664	155	163	104	70
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	3,277	1,215	566	438	399	573	268	708	1,711	350	225	760	522	110	174	79
Iowa.....	7,534	4,233	874	1,014	1,173	604	1,559	1,290	576	518	460	2,238	263	102	412	152
Missouri.....	77,325	60,713	6,488	8,665	28,822	5,388	9,656	11,864	659	557	422	4,304	629	296	559	191
North Dakota.....	1,084	415	119	208	182	92	170	368	950	132	95	271	45	38	62	46
South Dakota.....	1,340	780	144	166	373	114	397	574	861	104	1,137	916	101	37	114	77
Nebraska.....	5,871	2,937	447	699	1,199	444	1,710	1,567	508	459	1,484	4,602	214	119	435	101
Kansas.....	29,764	15,338	2,431	2,582	8,329	1,444	18,985	7,241	450	408	392	6,133	953	301	309	138
<b>SOUTH ATLANTIC:</b>																
Delaware.....	147	92	28	24	12	36	6	27	13	3	5	27	1	6	7	3
Maryland.....	1,080	777	585	308	166	475	76	445	60	76	24	158	107	57	42	35
District of Columbia.....	1,606	1,442	823	766	284	579	124	825	83	78	73	156	61	44	88	38
Virginia.....	8,751	12,865	1,568	643	400	510	120	807	74	116	41	189	131	29	168	22
West Virginia.....	19,263	2,241	663	163	307	179	163	267	50	104	94	124	44	50	27	8
North Carolina.....	1,189	8,104	1,377	688	393	272	81	629	7	67	12	103	13	15	18	20
South Carolina.....	533	2,747	1,540	522	231	181	47	437	26	32	14	27	9	9	11	52
Georgia.....	3,240	15,713	42,458	2,538	1,164	1,206	290	2,518	72	62	18	158	26	33	35	112
Florida.....	4,005	4,163	37,267	2,989	795	1,814	139	1,411	40	54	13	155	34	29	16	41
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	2,031,385	64,498	3,141	2,135	1,679	1,387	453	1,890	87	167	31	237	60	61	24	29
Tennessee.....	41,936	1,873,227	29,739	46,196	10,129	3,127	739	5,592	92	167	30	293	73	70	67	62
Alabama.....	5,605	41,988	1,857,916	22,928	2,334	3,447	510	4,815	30	74	25	199	56	69	36	51
Mississippi.....	5,325	24,366	78,119	1,563,839	8,240	32,217	463	4,903	85	27	8	73	28	32	15	17
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	24,337	84,870	38,013	64,182	1,055,940	34,837	11,981	25,554	94	224	78	696	184	86	87	99
Louisiana.....	4,864	6,189	22,285	56,129	15,324	1,405,936	570	24,918	46	111	14	227	56	66	35	44
Oklahoma.....	43,431	62,455	33,198	28,261	132,763	13,313	515,212	205,462	397	469	298	3,408	1,493	457	191	97
Texas.....	48,973	134,702	123,245	84,718	84,125	61,270	29,490	2,730,757	262	396	187	2,133	3,724	986	562	172
<b>MOUNTAIN:</b>																
Montana.....	3,417	1,607	347	315	795	250	804	1,777	90,314	1,621	1,450	2,622	218	187	2,090	900
Idaho.....	2,499	2,299	356	311	2,043	208	1,478	1,539	3,476	90,225	1,937	4,322	224	374	28,728	856
Wyoming.....	1,517	810	327	182	531	173	501	1,435	878	1,208	31,782	3,534	695	171	5,180	146
Colorado.....	10,103	6,267	2,272	1,588	3,707	1,267	4,931	6,679	770	609	2,229	233,516	11,992	559	2,325	319
New Mexico.....	4,366	4,764	2,324	1,821	4,353	922	7,348	30,506	75	90	91	4,296	184,749	1,487	469	55
Arizona.....	2,168	1,578	995	687	1,542	533	1,122	10,139	328	392	143	2,035	4,477	78,949	2,679	422
Utah.....	1,309	1,063	380	304	376	167	184	860	1,217	4,106	2,063	4,340	382	975	243,054	1,250
Nevada.....	711	369	153	107	241	195	150	726	498	470	275	1,808	110	237	3,417	21,640
<b>PACIFIC:</b>																
Washington.....	10,079	8,155	1,778	1,403	4,887	1,085	3,522	5,692	7,845	7,494	1,255	7,080	568	443	2,236	1,012
Oregon.....	5,410	5,193	825	670	3,310	649	2,380	3,972	2,511	4,706	858	4,839	402	464	2,876	1,018
California.....	19,967	15,378	4,426	3,946	9,349	6,548	4,793	21,313	3,406	2,741	1,477	14,510	2,699	6,462	6,152	9,307



## STATE OF BIRTH OF NATIVE POPULATION.

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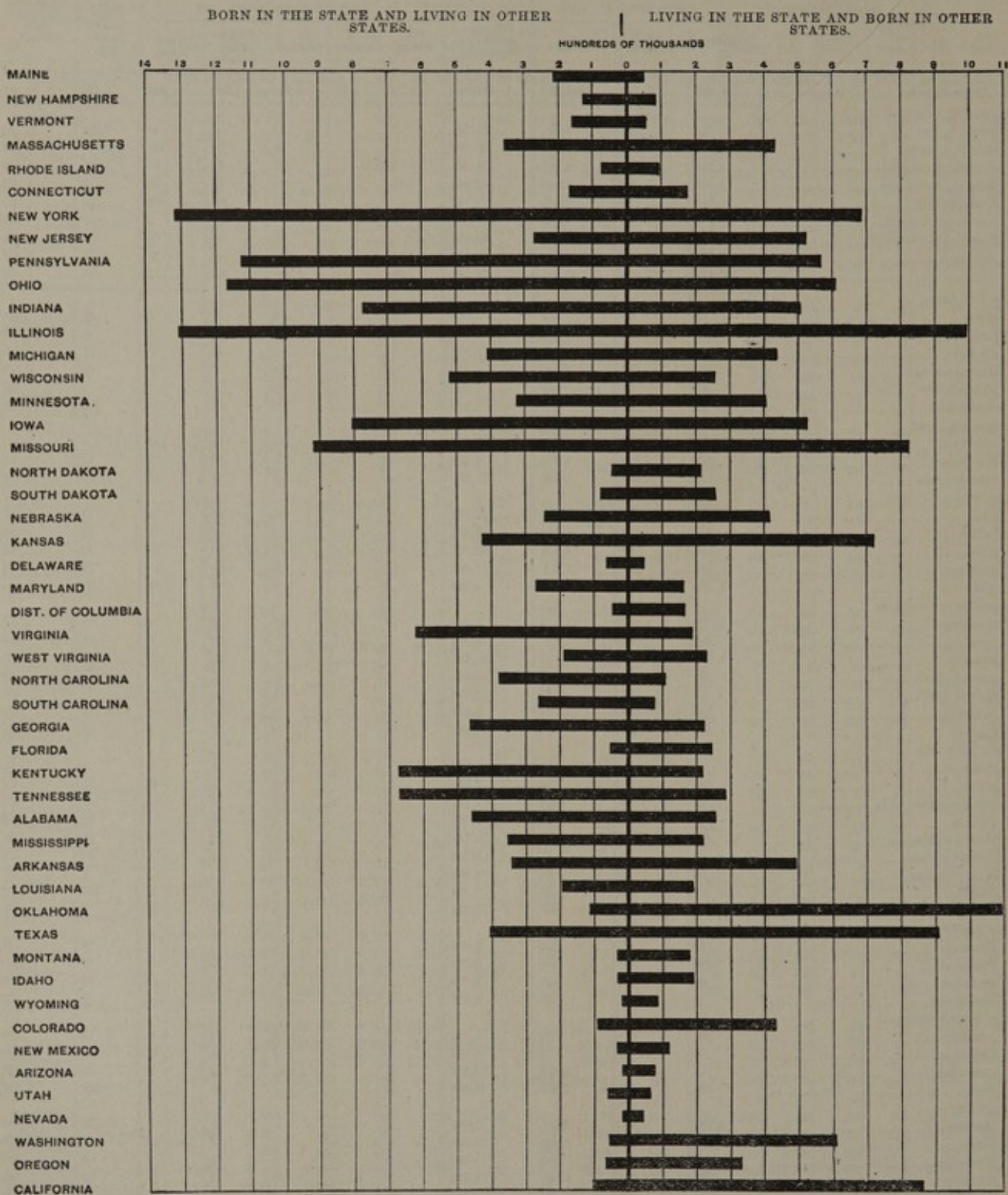
NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Continued.

Table 16—Continued.	POPULATION BORN IN—									Born at sea under United States flag.	American citizens born abroad.
	Pacific division.			United States (state not reported).	Outlying possessions.						
	Washington.	Oregon.	California.		Alaska.	Guam.	Hawaii.	Philippine Islands.	Porto Rico.		
DIVISION OR STATE OF RESIDENCE.											
United States.....	318,619	293,640	1,004,607	285,685	1,075	19	3,741	1,017	1,513	1,560	66,351
GEOGRAPHIC DIVISIONS:											
New England.....	735	413	4,315	11,324	12		53	40	42	226	13,786
Middle Atlantic.....	2,177	1,201	10,014	39,024	42		64	74	747	244	14,139
East North Central.....	4,243	2,051	8,901	57,947	43		57	64	72	221	15,121
West North Central.....	5,504	3,777	8,463	52,950	38		19	93	21	172	6,466
South Atlantic.....	1,181	749	2,405	22,741	6		23	103	203	210	1,957
East South Central.....	410	215	1,103	17,244	4		2	18	5	60	641
West South Central.....	1,786	1,398	5,351	36,196	7		3	145	61	157	2,792
Mountain.....	13,238	11,835	24,114	17,450	31		105	48	10	76	3,859
Pacific.....	289,345	272,001	939,941	30,809	892	19	3,415	432	332	194	7,590
NEW ENGLAND:											
Maine.....	74	54	465	1,291	1		8	3	2	52	1,704
New Hampshire.....	47	24	199	1,105	1		2		4	5	1,597
Vermont.....	57	22	159	1,181				17	5	27	2,160
Massachusetts.....	418	227	2,646	4,489	6		34	15	25	104	6,574
Rhode Island.....	51	27	279	931			4	2	2	9	695
Connecticut.....	88	59	567	2,327	4		5	3	4	29	1,056
MIDDLE ATLANTIC:											
New York.....	1,157	628	6,645	21,697	25		44	46	641	126	9,345
New Jersey.....	267	114	1,422	5,338	6		4	20	23	44	1,705
Pennsylvania.....	753	459	1,947	11,989	11		16	8	83	74	3,089
EAST NORTH CENTRAL:											
Ohio.....	497	432	1,639	12,030	6		12	15	11	43	2,287
Indiana.....	296	224	916	7,691	7		12	3	11	32	692
Illinois.....	1,318	738	4,301	26,121	9		23	24	23	49	3,201
Michigan.....	659	370	1,231	7,567	19		6	18	11	50	7,541
Wisconsin.....	1,473	287	814	4,538	2		4	4	16	47	1,400
WEST NORTH CENTRAL:											
Minnesota.....	1,275	480	925	7,019	11		5	5	2	26	1,532
Iowa.....	779	601	1,299	8,396	6			22	2	33	1,189
Missouri.....	1,026	785	2,785	16,791	5		5	22	10	20	1,040
North Dakota.....	392	200	281	4,901	4		1	1		19	633
South Dakota.....	357	260	389	2,730			1	5			475
Nebraska.....	631	638	1,038	5,138	6		2	17	5	12	765
Kansas.....	1,044	813	1,746	7,975	6		5	21	2	62	832
SOUTH ATLANTIC:											
Delaware.....	16	9	54	348			1	1	3	1	60
Maryland.....	220	57	456	1,743	1		1	8	48	18	445
District of Columbia.....	109	80	578	1,768	3		6	59	48	8	301
Virginia.....	283	54	361	2,131	2		6	20	11	19	328
West Virginia.....	298	436	237	2,704				2	2	10	181
North Carolina.....	81	28	123	1,722				2	1	10	127
South Carolina.....	30	6	58	1,108				1	2	5	81
Georgia.....	53	26	285	7,429			5	7	5	131	173
Florida.....	101	53	253	3,788			4	3	83	8	261
EAST SOUTH CENTRAL:											
Kentucky.....	131	67	326	2,626	1		2	1		18	193
Tennessee.....	200	80	365	6,294	2			2	5	14	219
Alabama.....	48	35	226	3,689				13		20	138
Mississippi.....	31	33	186	4,635	1			2		8	91
WEST SOUTH CENTRAL:											
Arkansas.....	236	179	560	7,193	3		1	2	3	18	168
Louisiana.....	73	62	516	6,796			2	115	42	26	396
Oklahoma.....	747	663	1,474	8,150	1			2	2	11	491
Texas.....	730	494	2,801	14,057	3			26	14	102	1,737
MOUNTAIN:											
Montana.....	2,254	1,467	2,004	3,488	8		8	19	5	21	694
Idaho.....	8,630	7,286	2,928	2,137	3		3	2		4	579
Wyoming.....	261	348	582	700	4		1	1	1	4	183
Colorado.....	839	726	2,681	4,754	5		20	12	2	22	842
New Mexico.....	164	180	852	1,114			3	1		6	328
Arizona.....	376	619	6,101	1,357	2		3	7		15	557
Utah.....	323	504	1,796	3,219			63	4		1	533
Nevada.....	391	705	7,170	681	9		4	2	2	3	143
PACIFIC:											
Washington.....	262,694	29,569	17,761	11,321	459		142	84	5	67	2,751
Oregon.....	17,508	225,102	18,184	3,729	235		82	22	5	15	901
California.....	9,143	17,330	903,996	15,759	198	19	3,191	326	342	112	3,938



## MIGRATION OF NATIVE POPULATION FROM AND TO EACH STATE: 1910.





## CHAPTER 5.

# POPULATION OF FOREIGN BIRTH AND FOREIGN PARENTAGE, BY COUNTRY OF ORIGIN.

### INTRODUCTION.

This chapter presents statistics as to the origin of the large foreign element in the population of the United States. More specifically, it distributes the foreign-born whites, and likewise the total foreign born, according to country of birth; the native whites whose parents were both born abroad, according to the country of birth of the parents; and the native whites with one foreign-born parent, the other being native, according to the country of birth of the foreign-born parent. It also distinguishes the persons born in certain foreign countries, according to mother tongue, and gives the total number of males and females born in each foreign country. Statistics are given for geographic divisions, states, and principal cities, and for the urban and rural population of the several geographic divisions. Persons living in Alaska, Hawaii, Porto Rico, and other outlying possessions of the United States are not included, but, on the other hand, persons living in the United States proper who were born in any of these outlying possessions are treated as natives and not as foreign born.

The importance of the foreign element may be seen from the fact that of the 91,972,266 inhabitants of the United States in 1910, no less than 13,515,886, or 14.7 per cent, were born in some foreign country. In addition, there were 12,916,311 native whites of foreign parentage, forming 14 per cent of the total population, and 5,981,526 native whites of mixed (native and foreign) parentage, forming 6.5 per cent of the total. These three classes—without considering the small number of native nonwhites of foreign or mixed parentage—together numbered 32,413,723, or 35.2 per cent of the population of the country.

Some of the tables, as already indicated, relate to the total foreign-born population, and others only to the foreign-born whites. Of the 13,515,886 persons of foreign birth in 1910, 13,345,545 were whites, the remainder, which was only 170,341, representing chiefly Chinese and Japanese, and negroes (mainly from the West Indies). In most cases the total number born in a given country is substantially the same as the number of whites born in that country.

**Definition of terms.**—For brevity the Census Bureau has adopted the term "foreign white stock" to indicate the combined total of three classes, namely, the foreign-born whites themselves, the native whites of foreign parentage, and the native whites of mixed parentage. It has also adopted the term "country of origin" to express, in the case of the foreign born, the country of birth of the person enumerated, in the case of the native whites of foreign parentage, the country

in which both of the foreign parents were born, and, in the case of the native whites of mixed parentage, the country in which the foreign parent was born. The combined total of all persons in these three classes for whom the same country of origin is shown is designated as the foreign white stock derived from that country. It will be noted, of course, that in the case of some of the native whites of foreign parentage the two parents were not born in the same foreign country. Such persons are classified, in the tables showing the country of origin of the native whites of foreign parentage, as persons of "mixed foreign parentage." They must, of course, be clearly distinguished from the persons of mixed native and foreign parentage, usually called, more briefly, of "mixed parentage."

On account of the variety of races represented among the immigrants from certain foreign countries, the Census Bureau has avoided the use of such terms as "Germans," "Russians," "Austrians," and the like, to designate the persons born in Germany, Russia, Austria, or other countries. Confusion would arise from identifying country of birth with race or nationality. Persons born in Germany, for example, are not all Germans, while, conversely, there are many Germans who were born in other countries, particularly Austria, Switzerland, and Russia.

**Mother-tongue statistics.**—An amendment to the Thirteenth Census act called for statistics of the "nationality or mother tongue" of the foreign-born population and of the parents of the native population of foreign or mixed parentage. It was found expedient, in order to place the statistics on a definite basis, to call simply for the "mother tongue." This term is generally understood to mean the language of customary speech before immigration, although in the home countries of certain classes of foreigners the language of customary speech at the present time is not the language, or any modification of the language, of their distant ancestors. For example, most of the Scotch speak English and not Gaelic. In some such cases the ancestral language, rather than that of customary use, was doubtless reported.

Full statistics as to mother tongue will appear in a special report. Such statistics, however, are chiefly significant with reference to the natives of five countries—Germany, Austria, Hungary, Russia, and Canada—and only for such persons are mother-tongue statistics presented in this Abstract. Immigrants from Canada include many French-speaking as well as many English-speaking people, while the very numerous immigrants from each of the other four



countries include a number of widely differing racial groups. There is also a considerable mixture of races in the case of the immigrants from Belgium, part of whom speak French and part Flemish; of those from Switzerland, part of whom speak German, part French, and part Italian, respectively; and of those from the Balkan peninsula. In view, however, of the comparatively small number of the foreign born in the United States who have come from Belgium, Switzerland, and the Balkan peninsula, statistics for them by mother tongue are not included in this Abstract. For natives of most of the other countries from which the United States has mainly derived its foreign-born population, statistics as to mother tongue would add little information of value, since practically all persons from these countries speak the mother tongue indicated by the name of the country. For example, substantially all of the foreign born from Sweden speak Swedish, and of those from Italy almost all speak Italian; while, conversely, practically all of the immigrants whose mother tongue was Swedish or Italian have come from Sweden or Italy, as the case may be.

It may be noted further that statistics as to the mother tongue of persons born in the United Kingdom of Great Britain and Ireland would throw little light upon racial origin. Most of the Scotch and the Irish ordinarily speak the English language, and, while some of them reported Gaelic or Irish as their mother tongue, most reported English. Consequently, statistics of the number born in Scotland or in Ireland give a more accurate idea of the number of Scotch or Irish from the United Kingdom than would be obtained from the number reporting the respective mother tongues; and the same is also true of persons born in Wales.

#### UNITED STATES AS A WHOLE.

**Total foreign born, by country of birth: 1910 and 1900.**—The sources of the foreign-born population of the United States in 1910 and 1900, respectively, are summarized in Table 1, in which the countries of birth are arranged geographically.

While every geographic division of the world is represented in the foreign-born population of the United States, by far the greater proportion of that population has come from Europe. Persons of European birth constituted 87.2 per cent of the total foreign born in 1910. Most of the remainder were from the American continent, chiefly from Canada.

Of the total foreign-born population, 49.9 per cent were from the countries of northwestern Europe and 37.4 per cent from the countries of southern and eastern Europe. Germany and Ireland were the most important countries of the former group in contributing to the population of the United States, and Russia and Finland, Austria-Hungary, and Italy the most important of the latter group.

Among the countries of birth of the foreign-born population of the United States, Germany held first

place in 1910, with 2,501,333, or 18.5 per cent, of the total foreign born. Next in importance were Austria-Hungary, with 12.4 per cent; Russia 11.9 per cent; Ireland, 10 per cent; Italy, 9.9 per cent; the Scandinavian countries as a group, 9.3 per cent; Great Britain (England, Scotland, and Wales), 9 per cent; and Canada and Newfoundland, 9 per cent. These countries together contributed nine-tenths of the total foreign-born population of the United States enumerated in 1910.

**Table 1**

COUNTRY OF BIRTH.	1910		1900		INCREASE, <sup>3</sup> 1900-1910	
	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent.
<b>Total foreign born.....</b>	<b>13,515,886</b>	<b>100.0</b>	<b>10,341,276</b>	<b>100.0</b>	<b>3,174,610</b>	<b>30.7</b>
<b>Europe.....</b>	<b>11,791,841</b>	<b>87.2</b>	<b>8,871,780</b>	<b>85.8</b>	<b>2,920,061</b>	<b>32.9</b>
Northwestern Europe...	6,740,400	49.9	7,016,311	67.8	-275,911	-3.9
Great Britain.....	1,221,283	9.0	1,167,623	11.3	53,660	4.6
England.....	877,719	6.5	840,513	8.1	37,206	4.4
Scotland.....	261,076	1.9	233,324	2.3	27,752	11.8
Wales.....	82,488	0.6	93,586	0.9	-11,098	-11.9
Ireland.....	1,352,251	10.0	1,615,459	15.6	-263,208	-16.3
Germany.....	2,501,333	18.5	2,813,628	27.2	-312,295	-11.1
Scandinavian countries.....	1,250,733	9.3	1,072,092	10.4	178,641	16.7
Norway.....	403,877	3.0	336,388	3.3	67,489	20.1
Sweden.....	665,207	4.9	582,014	5.6	83,193	14.3
Denmark.....	181,649	1.3	153,690	1.5	27,959	18.2
Netherlands (Holland), Belgium, and Luxemburg.....	172,534	1.3	127,719	1.2	44,815	35.1
Netherlands.....	120,063	0.9	94,931	0.9	25,132	26.5
Belgium.....	49,400	0.4	29,757	0.3	19,643	66.0
Luxemburg.....	3,071	( <sup>5</sup> )	3,031	( <sup>5</sup> )	40	1.3
France.....	117,418	0.9	104,197	1.0	13,221	12.7
Switzerland.....	124,848	0.9	115,593	1.1	9,255	8.0
Southern and Eastern Europe.....	5,048,583	37.4	1,832,894	17.7	3,215,689	175.4
Portugal.....	59,390	0.4	30,608	0.3	28,782	93.9
Spain.....	22,108	0.2	7,050	0.1	15,058	213.6
Italy.....	1,343,125	9.9	484,027	4.7	859,098	177.5
Russia and Finland.....	1,732,462	12.8	640,743	6.2	1,091,719	170.4
Russia.....	1,602,782	11.9	578,102	5.6	1,024,680	177.2
Finland.....	129,680	1.0	62,641	0.6	67,039	107.0
Austria-Hungary.....	1,670,382	12.4	637,009	6.2	1,033,373	162.3
Austria.....	1,174,973	8.7	491,295	4.8	683,678	139.2
Hungary.....	495,409	3.7	145,714	1.4	349,695	240.1
Balkan peninsula.....	220,946	1.6	.....	.....	.....	.....
Roumania.....	65,923	0.5	15,032	0.1	50,891	338.6
Bulgaria.....	11,498	0.1	( <sup>5</sup> )	.....	.....	.....
Serbia.....	4,639	( <sup>5</sup> )	( <sup>5</sup> )	.....	.....	.....
Montenegro.....	5,374	( <sup>5</sup> )	( <sup>5</sup> )	.....	.....	.....
Greece.....	101,282	0.7	8,515	0.1	92,767	1,089.5
Turkey in Europe.....	32,230	0.2	49,910	0.1	.....	.....
Country not specified.....	2,858	( <sup>5</sup> )	22,575	0.2	.....	.....
<b>Asia.....</b>	<b>191,484</b>	<b>1.4</b>	<b>120,248</b>	<b>1.2</b>	<b>71,236</b>	<b>59.2</b>
China.....	56,756	0.4	81,534	0.8	-24,778	-30.4
Japan.....	67,744	0.5	24,788	0.2	42,956	173.3
India.....	4,664	( <sup>5</sup> )	2,031	( <sup>5</sup> )	2,633	129.6
Turkey in Asia.....	59,729	0.4	( <sup>5</sup> )	.....	.....	.....
All other countries.....	2,591	( <sup>5</sup> )	11,895	0.1	-9,304	-78.2
<b>America<sup>6</sup>.....</b>	<b>1,489,231</b>	<b>11.0</b>	<b>1,317,380</b>	<b>12.7</b>	<b>171,851</b>	<b>13.0</b>
Canada and Newfoundland..	1,209,717	9.0	1,179,922	11.4	29,795	2.5
Canada—French.....	385,083	2.8	739,126	3.8	-10,043	-2.5
Canada—Other.....	819,554	6.1	784,796	7.6	34,758	4.4
Newfoundland.....	5,080	( <sup>5</sup> )	( <sup>5</sup> )	.....	.....	.....
West Indies <sup>7</sup> .....	47,635	0.4	25,435	0.2	22,200	87.3
Cuba.....	15,133	0.1	11,081	0.1	4,052	36.6
Other West Indies.....	32,502	0.2	14,354	0.1	18,148	126.4
Mexico.....	221,915	1.6	103,393	1.0	118,522	114.6
Central and South America..	9,964	0.1	8,630	0.1	1,334	15.5
Central America.....	1,736	( <sup>5</sup> )	3,897	( <sup>5</sup> )	-2,161	-55.5
South America.....	8,228	0.1	4,733	( <sup>5</sup> )	3,495	73.8
<b>All other.....</b>	<b>43,330</b>	<b>0.3</b>	<b>31,868</b>	<b>0.3</b>	<b>11,462</b>	<b>26.0</b>
Africa.....	3,992	( <sup>5</sup> )	2,538	( <sup>5</sup> )	1,454	57.3
Australia.....	9,035	0.1	6,807	0.1	2,228	32.7
Atlantic Islands.....	18,274	0.1	9,768	0.1	8,506	87.1
Pacific Islands.....	2,415	( <sup>5</sup> )	2,013	( <sup>5</sup> )	402	20.0
Country not specified.....	2,687	( <sup>5</sup> )	2,546	( <sup>5</sup> )	141	5.5
Born at sea.....	6,927	0.1	8,196	0.1	-1,269	-15.5

<sup>1</sup> A minus sign (—) denotes decrease.

<sup>2</sup> Less than one-tenth of 1 per cent.

<sup>3</sup> Included under "Country not specified" in 1900.

<sup>4</sup> Figures for Turkey in Asia included with those for Turkey in Europe in 1900.

<sup>5</sup> Includes 20,324 persons reported as born in Poland, without specification as to whether German, Austrian, or Russian Poland.

<sup>6</sup> Outside of the United States.

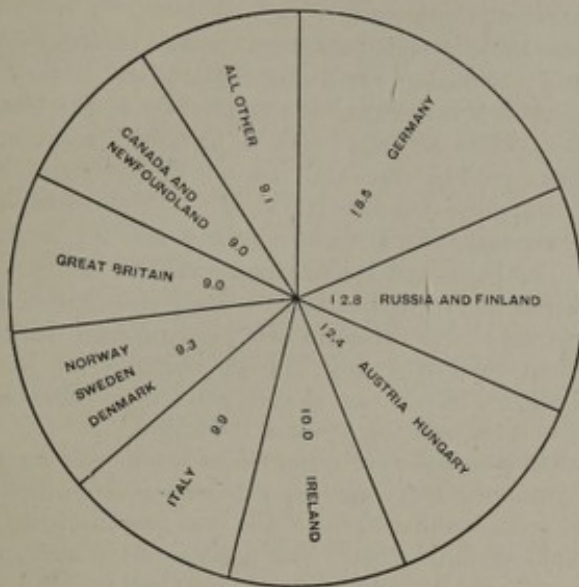
<sup>7</sup> Newfoundland included with Canada for 1900.

<sup>8</sup> Except Porto Rico.

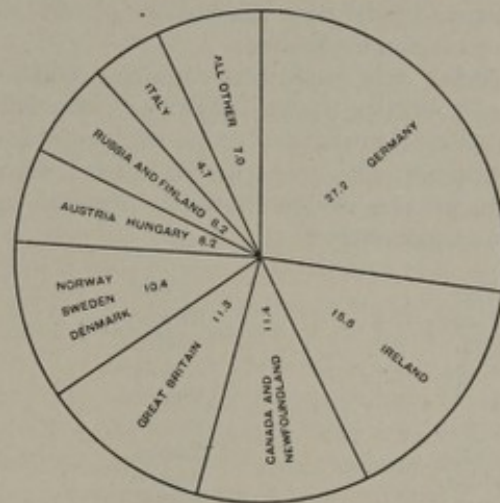


## FOREIGN-BORN POPULATION, BY PRINCIPAL COUNTRIES OF BIRTH: 1910 AND 1900.

TOTAL FOREIGN BORN, 1910: 13,515,886



TOTAL FOREIGN BORN, 1900: 10,341,276

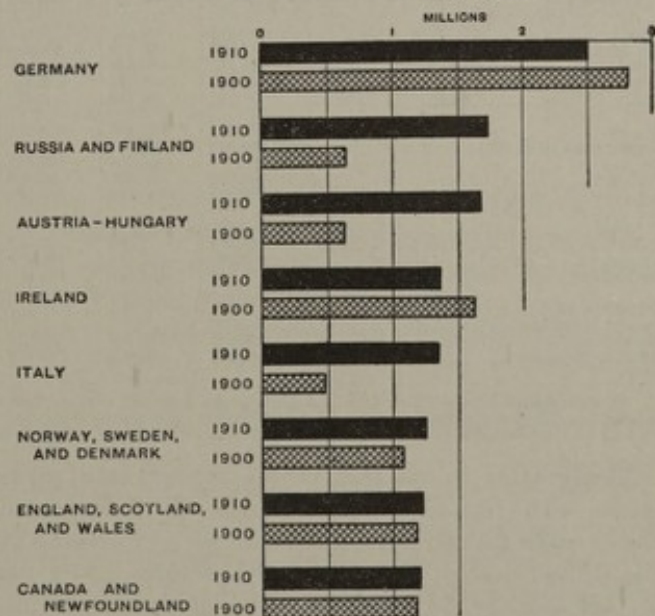


An important change has come about in recent years with respect to the countries from which our immigrants are chiefly drawn. Of course, this change is shown less obviously by the statistics of the foreign-born population as enumerated at the several decennial censuses than by the immigration statistics, since survivors of earlier immigration are still numerous. Nevertheless, a conspicuous change is shown by a comparison of the census returns for 1910 and those for 1900, as appears from Table 1 and the three diagrams on this page. While the proportion of Europeans in the total foreign-born population was about the same at both censuses (85.8 per cent in 1900 and 87.2 per cent in 1910), persons from northwestern Europe constituted 67.8 per cent of the total number of foreign born in 1900, but only 49.9 per cent in 1910. On the other hand, southern and eastern Europeans formed only 17.7 per cent of the total in 1900, as compared with 37.4 per cent 10 years later. Persons born in each individual country of northwestern Europe except Belgium formed a smaller proportion of the foreign born in 1910 than in 1900, while persons born in each country of southern and eastern Europe formed a larger proportion.

The factors in this change in the composition of the foreign-born population can readily be seen by comparing the increases from 1900 to 1910 in the number of persons born in the respective countries. The increase in the total number of foreign born was 3,174,610. The increase in the number of southern and eastern Europeans was 3,215,689, or more than the increase in the total, while there was a decrease of 275,911 in the number of persons reported as born in northwestern Europe. This decrease, however, was wholly in the number from Germany, Ireland, and

Wales, which fell off, respectively, 11.1, 16.3, and 11.9 per cent. The other countries of northwestern Europe were represented by larger numbers in the foreign-born population of the United States in 1910 than in 1900, the percentages of increase ranging from 4.4 for England to 66 for Belgium. The percentages of increase for all of the countries of southern and eastern Europe were large—for example, 1,089.5 per cent for Greece, 177.5 per cent for Italy, 170.4 per cent for Russia and Finland, and 162.3 per cent for Austria-Hungary.

## FOREIGN-BORN POPULATION, BY PRINCIPAL COUNTRIES OF BIRTH: 1910 AND 1900.



The number of persons of Asiatic birth in the population of the United States increased very considerably from 1900 to 1910, the marked decrease in the number



of persons reported as born in China being offset by increases in the number from Japan and Turkey in Asia. The increase in the number of persons born in American countries outside of the United States was 13 per cent, by far the larger part of the increase being contributed by Mexico.

Considering only individual countries, and not the groups of countries shown in Table 1, the following were, in order of rank, the ten leading countries with respect to the numbers contributed to the foreign-born population of the United States as reported in 1910 and 1900, respectively:

1910	1900
Germany.	Germany.
Russia.	Ireland.
Ireland.	Canada.
Italy.	England.
Canada.	Sweden.
Austria.	Russia.
England.	Austria.
Sweden.	Italy.
Hungary.	Norway.
Norway.	Scotland.

**Comparative statistics: 1860 to 1910.**—Table 2 shows the number of foreign born, by country of birth, for each census from 1860 to 1910, the countries being arranged alphabetically.

This table emphasizes even more strikingly than Table 1 the change which has taken place in the composition of the foreign-born population of the United States. Thus persons born in Germany constituted 30.8 per cent of the total number of foreign born in 1860, but only 18.5 per cent in 1910. The corresponding percentages for Ireland were 38.9 and 10; for England, Scotland, and Wales combined, 14.2 and 9. On the other hand, persons born in Italy constituted only 0.3 per cent of the total in 1860, as compared with 9.9 per cent in 1910, while the percentages for Russia (including Finland) at the respective censuses were 0.1 and 12.8, and for Austria, 0.6 and 8.7.

Fewer persons were reported as born in Ireland at the census of 1910 than at any census from 1860 to 1900. The number from Wales was less in 1910 than in 1880, 1890, or 1900. The natives of Germany and England were less numerous in 1910 than in 1890.

#### FOREIGN-BORN POPULATION, BY COUNTRY OF BIRTH: 1860-1910.

Table 2 COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION.						PER CENT OF TOTAL FOREIGN BORN.					
	1910	1900	1890	1880	1870	1860	1910	1900	1890	1880	1870	1860
All foreign countries.....	13,515,886	10,341,276	9,249,560	6,679,943	5,567,229	4,138,697	100.0	100.0	100.0	100.0	100.0	100.0
Austria <sup>1</sup> .....	1,174,973	491,285	241,377	124,024	70,797	25,061	8.7	4.8	2.6	1.9	1.3	0.6
Belgium.....	49,400	29,757	22,639	15,535	12,553	9,072	0.4	0.3	0.2	0.2	0.2	0.2
Canada—French <sup>2</sup> .....	385,083	395,126	302,496	717,157	493,464	249,970	2.8	3.8	3.3	10.7	8.9	6.0
Canada—Other <sup>2</sup> .....	819,554	784,796	678,442	104,468	63,042	35,565	6.1	7.6	7.8	1.6	1.1	0.9
China.....	56,756	81,534	106,701	16,401	11,570	7,353	0.4	0.8	1.2	0.2	0.2	0.2
Cuba and other West Indies.....	47,635	25,435	23,256	64,196	30,107	9,902	0.3	0.2	0.3	1.0	0.5	0.2
Denmark.....	181,649	153,690	132,543	664,160	555,046	433,494	1.3	1.5	1.4	9.9	10.0	10.5
England.....	877,719	840,513	909,092	106,971	116,402	109,870	6.5	8.1	9.8	1.6	2.1	2.7
France.....	117,418	104,197	113,174	1,966,742	1,690,533	1,276,075	0.9	1.0	1.2	29.4	30.4	30.8
Germany <sup>1</sup> .....	2,501,333	2,813,628	2,784,894	776	390	328	18.5	27.2	30.1	0.7	0.1	0.1
Greece.....	101,282	8,515	1,857	11,526	3,737	.....	0.7	0.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Hungary.....	495,609	145,714	62,435	1,854,571	1,855,827	1,611,304	3.7	1.4	0.7	0.2	0.1	.....
Ireland.....	1,332,251	1,615,459	1,871,509	44,230	17,157	11,677	10.0	15.6	20.2	27.8	33.3	38.9
Italy.....	1,343,125	484,027	182,580	401	73	.....	9.9	4.7	2.0	0.7	0.3	0.3
Japan.....	67,744	24,788	2,292	68,399	42,435	27,466	0.5	0.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.....
Mexico.....	221,915	103,393	77,853	58,070	46,802	28,281	1.6	1.0	0.8	1.0	0.8	0.7
Netherlands (Holland).....	120,063	94,931	81,828	181,729	114,246	43,995	0.9	0.9	0.9	0.9	0.8	0.7
Norway.....	403,877	336,388	322,665	8,138	4,542	4,116	3.0	3.3	3.5	2.7	2.1	1.1
Portugal.....	59,360	30,608	15,996	35,722	4,644	3,160	0.4	0.3	0.2	0.1	0.1	0.1
Russia <sup>1</sup> and Finland.....	1,732,462	640,743	182,644	170,136	140,835	108,518	12.8	6.2	2.0	0.5	0.1	0.1
Scotland.....	261,076	233,524	242,231	5,121	3,764	4,244	1.9	2.3	2.6	2.5	2.5	2.6
Spain.....	22,108	7,050	6,185	194,337	97,332	18,625	0.2	0.1	0.1	0.1	0.1	0.1
Sweden.....	665,207	582,014	478,041	88,621	75,153	53,327	4.9	5.6	5.2	2.9	1.7	0.5
Switzerland.....	124,848	115,593	104,009	.....	.....	.....	0.9	1.1	1.1	1.3	1.3	1.3
Turkey in Asia.....	59,729	9,910	1,839	1,205	302	128	0.4	0.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Turkey in Europe.....	32,230	.....	.....	83,302	74,533	45,763	0.2	.....	.....	.....	.....	.....
Wales.....	82,488	93,586	100,079	93,985	41,943	21,343	0.6	0.9	1.1	1.2	1.3	1.1
All other countries <sup>1</sup> .....	158,992	95,062	200,813	.....	.....	.....	1.2	0.9	2.2	1.4	0.8	0.5

<sup>1</sup> For the censuses from 1860 to 1890, inclusive, persons reported as born in Poland are included under "All other countries;" for the censuses of 1910 and 1900 (so far as possible), they are distributed under Austria, Germany, and Russia, respectively.

<sup>2</sup> Includes Newfoundland prior to 1910.

<sup>3</sup> Except Porto Rico.

<sup>4</sup> Less than one-tenth of 1 per cent.

**Immigration in relation to the foreign-born population.**—The statistics of the foreign born presented above make no distinction as to length of residence in the United States; they include those who have been in this country 50 years or more, as well as immigrants who arrived during the first three months of 1910, just before the census was taken. The increase of 3,174,610 in the number of foreign born from 1900 to 1910 does not represent, of course, the number of

immigrants who came to the United States during those 10 years. The foreign born are constantly being drawn upon by return migration and death, and immigration must make up for these losses before there can be any increase in the total number. The immigration statistics for the several decades, however, go far to explain the changes from census to census in the composition of the foreign-born population. A remarkable decrease in the proportion of



immigrants from northwestern Europe and a striking increase in the proportion from southern and eastern Europe form conspicuous features of immigration statistics for the past decade, as compared with those for earlier decades. For the 10 years between the taking of the censuses of 1900 and 1910 the total immigration was about 8,500,000.<sup>1</sup> Of this total, about 6,100,000, or 72 per cent, were from southern and eastern Europe, and about 1,800,000, or 21 per cent, from northwestern Europe—the latter being less than one-third the number from the southern and eastern countries.

While there was an immigration of about 8,500,000 between 1900 and 1910, the census shows only 5 088,084 persons in the United States in 1910 who had arrived after January 1, 1901, which would justify an estimate of 5,250,000 as the total number of persons enumerated in 1910 (April 15) who had arrived since the preceding census. The difference between the latter and the total immigration, about 3,250,000, represents in large part immigrants who returned to their own country, and to a small extent, those who

died between their arrival and the date of the enumeration. The estimate of 5,250,000 represents the contribution to our population of the immigration of the last 10 years. As already stated, the increase in the foreign-born population between the two censuses was only 3,174,610. The difference of more than two millions may be assumed to be the approximate number of deaths between 1900 and 1910 of the foreign-born who were enumerated in 1900. It may be assumed that these deaths were much more numerous among persons born in northwestern Europe than among those born in southern and eastern Europe, because the former were a much larger class and at the same time, having been here much longer, were more advanced in years, and therefore subject to a higher death rate. As a result of these combined influences there has been a decrease in the foreign-born population from northwestern Europe, as compared with a great increase in that derived from southern and eastern Europe.

**Foreign-born population, by sex.**—Table 3 shows, by sex, the foreign-born population of the United States in 1910, classified according to country of birth.

COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910			COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910		
	Male.	Female.	Males to 100 females.		Male.	Female.	Males to 100 females.
All foreign countries.....	7,667,748	5,848,138	131.1	Ireland.....	611,556	740,695	82.6
Austria.....	713,455	461,518	154.6	Italy.....	880,904	462,221	190.6
Belgium.....	29,895	19,505	153.3	Japan.....	60,758	6,966	869.7
Bulgaria, Servia, and Montenegro.....	19,730	1,781	1,107.8	Mexico.....	136,677	85,236	160.3
Canada, total.....	605,956	598,681	101.2	Netherlands (Holland).....	68,363	51,700	132.2
French.....	201,164	183,919	109.4	Norway.....	230,156	173,721	132.5
Other.....	404,792	414,762	97.6	Portugal.....	35,815	23,545	152.1
China.....	54,968	1,788	3,074.3	Roumania.....	36,521	29,402	124.2
Cuba and other West Indies <sup>1</sup> .....	26,764	20,871	128.2	Russia.....	927,219	675,563	137.3
Denmark.....	109,120	72,529	150.5	Scotland.....	144,659	116,417	124.3
England.....	477,320	400,399	119.2	Spain.....	16,785	5,323	315.3
Finland.....	79,098	50,582	156.4	Sweden.....	369,953	295,254	125.3
France.....	65,285	52,133	125.2	Switzerland.....	72,726	52,122	139.5
Germany.....	1,337,775	1,163,558	115.0	Turkey in Asia.....	40,467	19,262	210.1
Greece.....	95,447	7,835	1,192.7	Turkey in Europe.....	28,524	3,706	769.7
Hungary.....	306,543	190,066	160.8	Wales.....	45,397	37,091	122.4
				All other countries.....	42,912	28,646	149.8

<sup>1</sup> Except Porto Rico.

In the foreign-born population of the United States as a whole, males greatly outnumber females, the ratio in 1910 being 131.1 males to 100 females. Ireland is the only country shown in the table which has contributed a larger number of females than of males to the population of this country, although persons born in Canada of other than French descent showed a slight excess of females over males in 1910, which was more than offset by the excess of males over females among those born in Canada of French descent. Among persons born in Bulgaria, Servia, or Montenegro, in China, Greece, Japan, and in Turkey in Europe who resided in the United States in 1910, the males were many times as numerous as the females, and among persons born in Spain and in

Turkey in Asia the males were more than twice as numerous as the females. In the case of persons from all the countries of southern and eastern Europe from which recent immigration has largely been drawn there was a very marked excess of males. The number of males to 100 females in 1910 was 154.6 for persons born in Austria, 160.8 for persons born in Hungary, 190.6 for persons born in Italy, and 137.3 for persons born in Russia. There is much less disparity between the sexes in the case of the foreign born from the leading countries of northwestern Europe. These differences accord with the well-known fact that the immigrants of the earlier days, who came mainly from northwestern Europe, came to a large extent in families and settled permanently in this country, while much of the immigration from southern and eastern Europe consists of single men and of married men who have come only for a temporary stay and have left their families in their home countries.

<sup>1</sup> Since the census of 1900 was taken as of June 1 and that of 1910 as of April 15, there have been added to the immigration figures for the fiscal year ended June 30, 1901, those for the month of June, 1900; and from the figures for the fiscal year ended June 30, 1910, there have been subtracted those for April, May, and June, 1910.



**Population from Germany, Austria, Hungary, and Russia, by mother tongue.**—For reasons stated in the Introduction, statistics of mother tongue are presented in detail for persons born in Germany, Austria, Hungary, and Russia. Table 4 shows, for the United States as a whole and its geographic divisions, the number of white persons born in each of the four countries just named who were enumerated in 1910, distinguished according to mother tongue. The only other statistics of mother tongue presented in this chapter relate to persons of Canadian birth, distinction being made, however, only between those speaking French and all others, the latter consisting almost wholly of persons speaking English. This distinction is carried through all the tables giving country of birth.

The great bulk of the foreign-born whites from Germany speak German (90.4 per cent of the total enumerated in 1910), but there are also a considerable number speaking Polish. Among the foreign-born whites who were born in Austria the most important group consists of those speaking Polish, who constituted 28 per cent of the total in 1910, followed by those speaking Bohemian, German, Yiddish and Hebrew, and Slovenian, in the order named. Of the persons reported as born in Hungary, 46 per cent gave their mother tongue as Magyar, 21.8 per cent as Slovak, and 14.8 per cent as German, 17.5 per cent reporting other languages.

Of the white persons born in Russia, more than one-half (52.3 per cent) gave their mother tongue as Yiddish (including those reporting Hebrew), which is the prevailing language of the Jews throughout a large part of Europe, while more than a quarter (26.1 per cent) reported Polish as the mother tongue. There were also a considerable number who reported Lithuanian and German, while the number who gave Russian as their mother tongue was comparatively small, only 2.5 per cent of the total.

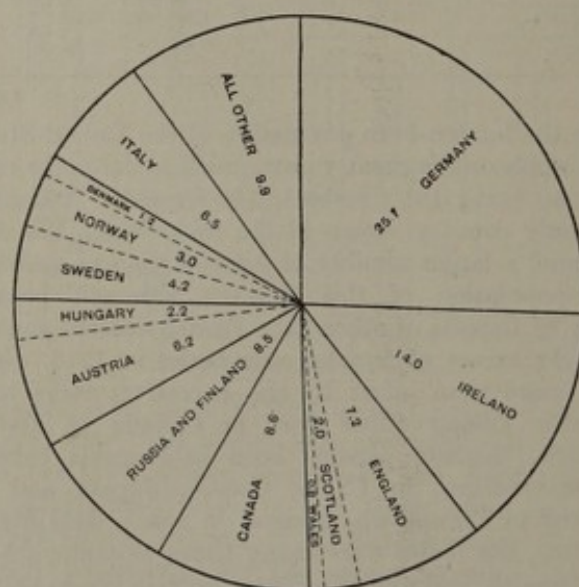
Previous censuses distinguished persons born in Poland, although Poland is not an independent nation, having been partitioned among Russia, Germany, and Austria. The total number of persons reported at the census of 1900 as born in Poland was 383,407.<sup>1</sup> At the census of 1910 Poland was not distinguished as a country of birth, but the approximate number of persons born in the former kingdom of Poland may be determined from the total number reported as speaking the Polish language who were natives of Germany, Austria, or Russia. Such persons numbered 937,884, of whom 190,096 were reported as born in Germany, 329,418 as born in Austria, and 418,370 as born in Russia. A few of these were doubtless born outside the territorial limits of the former

kingdom of Poland. The returns for 1900 distinguish Russian, German, and Austrian Poland; and on the basis of this distinction, persons reported as born in Poland have been distributed under Russia, Germany, and Austria, respectively, in the comparative tables, but for earlier censuses they have been included under "all other countries."

**Foreign white stock, by country of origin.**—The total foreign white stock in the United States in 1910 numbered 32,243,382, of whom 13,345,545, or 41.4 per cent, were foreign born, 12,916,311, or 40.1 per cent, were native whites of foreign parentage, and 5,981,526, or 18.6 per cent, were native whites of mixed parentage. The distribution of this foreign white stock by country of origin is shown in Table 5, on page 194, which distinguishes between the three classes of persons just named, and gives comparative figures for 1900 so far as available. The relative importance of the leading countries of origin is shown for 1910 in the diagram below.

Table 5, page 194, shows, for example, that in 1910 there were 8,282,618 white persons in the United States having Germany as their country of origin, comprising 2,501,181 who were born in Germany, 3,911,847 born in the United States both of whose parents were born in Germany, and 1,869,590 born in the United States and having one parent born in the United States and the other in Germany. It will be noted that this total does not include all native white persons who had one parent born in Germany. In the case of some native whites one parent was born in Germany and the other in some other foreign country; these are included under the designation "persons of mixed foreign parentage," and not with those having Germany as their country of origin.

FOREIGN WHITE STOCK, BY PRINCIPAL COUNTRIES OF ORIGIN: 1910.



<sup>1</sup> This figure may be an understatement, because of the possibility that some of the persons born in the former kingdom of Poland gave their birthplace as Germany, Austria, or Russia.



## COUNTRY OF ORIGIN.

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WHITE PERSONS BORN IN GERMANY, AUSTRIA, HUNGARY, AND RUSSIA, CLASSIFIED BY MOTHER TONGUE, BY DIVISIONS: 1910.

Table 4

COUNTRY OF BIRTH AND MOTHER TONGUE.	UNITED STATES.		GEOGRAPHIC DIVISION.								
	Number.	Per cent.	New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
<b>Germany</b> .....	<b>2,501,181</b>	<b>100.0</b>	<b>70,261</b>	<b>754,939</b>	<b>921,417</b>	<b>426,531</b>	<b>63,239</b>	<b>28,516</b>	<b>69,737</b>	<b>42,897</b>	<b>123,644</b>
German.....	2,260,256	90.4	65,798	693,972	790,608	400,563	56,645	27,475	65,191	40,870	119,134
Polish.....	190,096	7.6	2,548	47,609	115,358	15,518	4,403	316	2,539	589	1,216
Yiddish and Hebrew.....	7,910	0.3	805	4,215	1,740	365	305	69	91	64	256
Dutch and Frisian.....	6,510	0.3	73	1,010	3,075	1,710	132	43	78	128	261
Bohemian and Moravian.....	6,263	0.3	126	827	2,933	1,416	222	22	370	125	222
Danish.....	5,232	0.2	231	550	1,233	1,803	36	19	55	199	1,106
French.....	3,131	0.1	166	1,170	835	362	45	50	130	72	311
Lithuanian and Lettish.....	1,480	0.1	119	448	468	210	79	11	65	41	45
Slavic (not specified) <sup>1</sup> .....	698	(?)	6	180	257	82	8	.....	116	33	16
Magyar.....	564	(?)	13	190	255	47	23	4	9	4	19
Russian.....	552	(?)	20	156	72	11	21	12	14	35	35
All other.....	18,483	0.7	356	4,557	4,499	4,383	1,330	486	1,091	758	1,023
<b>Austria</b> .....	<b>1,174,924</b>	<b>100.0</b>	<b>69,583</b>	<b>553,546</b>	<b>317,462</b>	<b>116,281</b>	<b>20,272</b>	<b>2,989</b>	<b>27,318</b>	<b>32,325</b>	<b>35,148</b>
Polish.....	329,418	28.0	49,615	157,133	96,366	12,459	5,360	474	2,099	3,067	2,855
Bohemian and Moravian.....	219,214	18.7	2,927	34,071	96,909	55,288	5,000	333	17,275	3,446	3,930
German.....	157,917	13.4	5,513	72,027	38,262	19,298	2,935	1,037	4,226	4,979	9,640
Yiddish and Hebrew.....	124,588	10.6	3,179	113,961	5,241	694	488	183	252	173	417
Slovenian.....	117,740	10.0	2,595	52,775	33,504	9,182	2,252	345	1,091	7,460	8,536
Croatian.....	68,002	5.8	313	27,081	20,933	8,948	1,243	82	485	5,027	4,490
Slovak.....	55,766	4.7	2,507	39,855	9,037	1,410	1,071	71	130	964	721
Ruthenian.....	17,169	1.5	676	14,062	1,381	790	181	2	5	28	44
Russian.....	13,781	1.2	823	11,382	703	597	138	3	63	25	47
Servian.....	11,693	1.0	14	2,724	4,474	1,867	70	6	11	1,216	1,311
Slavic (not specified) <sup>1</sup> .....	11,196	1.0	196	8,271	1,764	176	84	9	19	519	138
Italian.....	10,774	0.9	478	3,588	2,380	358	64	47	201	2,933	725
Romanian.....	3,399	0.3	25	1,426	1,443	312	44	2	13	54	80
Lithuanian and Lettish.....	1,399	0.1	66	933	239	62	.....	.....	20	6	44
Greek.....	839	0.1	12	723	19	56	11	1	3	6	8
All other.....	31,429	2.7	644	13,534	4,777	4,784	1,302	389	1,425	2,432	2,142
<b>Hungary</b> .....	<b>495,600</b>	<b>100.0</b>	<b>16,907</b>	<b>267,949</b>	<b>162,259</b>	<b>24,271</b>	<b>10,599</b>	<b>1,742</b>	<b>1,956</b>	<b>4,296</b>	<b>5,621</b>
Magyar.....	227,742	46.0	10,458	123,411	75,730	6,149	6,231	682	817	1,620	2,644
Slovak.....	107,954	21.8	4,339	66,420	31,300	2,352	1,011	244	358	642	488
German.....	75,538	14.8	783	31,673	27,869	9,800	1,029	379	249	654	1,412
Yiddish and Hebrew.....	19,896	4.0	351	16,842	2,265	211	74	24	12	45	72
Romanian.....	15,679	3.2	57	2,909	10,342	1,603	352	155	27	96	138
Croatian.....	9,050	1.8	146	2,261	4,550	1,311	227	7	55	441	52
Slovenian.....	5,510	1.1	241	3,202	1,424	287	56	11	45	126	118
Slavic (not specified) <sup>1</sup> .....	6,837	1.4	45	4,870	1,743	67	79	18	.....	9	6
Servian.....	5,018	1.0	24	1,592	2,253	593	144	57	19	224	112
Ruthenian.....	4,465	0.9	50	3,871	460	46	27	.....	.....	8	3
Polish.....	2,637	0.5	66	1,971	463	88	27	3	7	3	9
Bohemian and Moravian.....	1,755	0.4	19	611	743	227	44	5	46	25	35
Russian.....	1,400	0.3	47	1,038	238	50	4	2	4	6	11
Bulgarian.....	1,352	0.3	136	442	270	159	58	23	37	79	148
All other.....	12,967	2.6	145	7,436	2,419	1,228	636	132	280	318	373
<b>Russia</b> .....	<b>1,602,752</b>	<b>100.0</b>	<b>192,697</b>	<b>893,498</b>	<b>274,993</b>	<b>118,682</b>	<b>49,141</b>	<b>8,152</b>	<b>14,108</b>	<b>18,592</b>	<b>32,889</b>
Yiddish and Hebrew.....	838,193	52.3	97,292	560,549	100,782	30,880	24,498	4,602	4,023	4,807	10,760
Polish.....	418,370	26.1	55,628	218,894	105,908	12,857	14,646	1,118	2,673	1,987	4,659
Lithuanian and Lettish.....	137,046	8.6	29,105	57,501	41,267	3,276	3,509	98	633	424	1,233
German.....	121,038	7.6	3,578	14,116	15,063	61,454	1,254	865	4,976	9,011	11,321
Russian.....	40,542	2.5	3,348	24,581	5,307	2,712	1,788	344	303	558	1,541
Finnish.....	5,865	0.4	1,031	776	1,817	696	56	10	28	401	1,050
Ruthenian.....	113,402	0.2	333	1,908	566	340	71	15	26	35	108
Slovak.....	1,709	0.1	97	1,239	222	20	93	7	3	15	13
Slavic (not specified) <sup>1</sup> .....	1,658	0.1	57	1,148	249	47	67	24	18	17	31
Greek.....	1,230	0.1	104	663	144	126	45	23	20	15	90
Armenian.....	945	0.1	167	289	85	87	14	4	15	81	203
Bohemian and Moravian.....	898	0.1	41	88	140	489	55	28	36	4	17
Swedish.....	592	(?)	191	165	97	30	4	8	3	6	88
All other.....	30,664	1.9	1,725	11,581	3,346	5,668	3,041	1,066	1,291	1,231	1,775

<sup>1</sup> Reported variously, as Slavish, Slavic, Slavonian, and Slavonic; includes, also, a small number of Wendish.<sup>2</sup> Less than one-tenth of 1 per cent.<sup>3</sup> Includes 4,307 reporting Dalmatian.<sup>4</sup> Includes 728 reporting Little Russian.<sup>5</sup> Includes 179 reporting Bosnian, 165 reporting Herzegovinian, and 75 reporting Montenegrin.<sup>6</sup> Includes 7 reporting Romansch.<sup>7</sup> Includes 16 reporting Dalmatian.<sup>8</sup> Includes 14 reporting Little Russian.<sup>9</sup> Exclusive of Finland.<sup>10</sup> Includes 138 reporting Estonian and 9 reporting Lappish.<sup>11</sup> Includes 975 reporting Little Russian.



## ABSTRACT OF THE CENSUS—POPULATION.

## FOREIGN WHITE STOCK, BY COUNTRY OF ORIGIN: 1910 AND 1900.

Table 5

COUNTRY OF ORIGIN.	TOTAL FOREIGN WHITE STOCK.					NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE.							
	Number.		Per cent.		Per cent of increase: 1900-1910	FOREIGN-BORN WHITE.		Total.		Both parents born in country specified.		One parent born in country specified, the other in the United States.	
	1910	1900	1910	1900		1910	1900	1910	1900	1910	1900	1910	1900
All foreign countries.....	32,243,382	25,859,834	100.0	100.0	24.7	13,345,545	10,213,817	18,897,837	15,646,017	12,916,311	10,632,280	5,931,526	5,013,777
Austria.....	2,001,559	850,884	6.2	3.3	135.2	1,174,924	491,239	826,635	359,625	709,070	302,029	117,565	57,596
Belgium.....	89,264	(?)	0.3	.....	.....	49,397	29,735	39,867	(?)	26,448	(?)	13,419	(?)
Bulgaria, Servia, and Montenegro.	22,685	(?)	0.1	.....	.....	21,451	(?)	1,254	(?)	948	(?)	286	(?)
Canada—French <sup>2</sup> .....	932,238	830,335	2.9	3.2	12.3	385,083	394,461	547,155	435,874	330,976	265,947	216,179	169,927
Canada—Other <sup>2</sup> .....	1,822,377	1,637,603	5.7	6.3	11.3	810,987	778,399	1,011,390	859,204	307,291	260,471	704,099	598,733
Denmark.....	400,064	310,127	1.2	1.2	29.0	181,621	153,644	218,443	156,483	147,648	115,173	70,795	41,310
England.....	2,322,442	2,173,741	7.2	8.4	6.8	876,455	839,830	1,445,987	1,333,911	592,285	565,461	853,702	768,450
France.....	292,389	268,292	0.9	1.0	9.0	117,236	104,031	175,153	164,261	78,937	71,263	96,216	92,968
Germany.....	8,282,618	7,961,315	25.7	30.8	4.0	2,501,181	2,813,413	5,781,437	5,147,902	3,911,847	3,569,538	1,869,590	1,578,364
Greece.....	109,665	(?)	0.3	.....	.....	101,264	8,513	8,401	(?)	5,524	(?)	2,877	(?)
Hungary.....	700,227	218,447	2.2	0.8	220.5	495,600	145,709	204,627	72,738	191,059	66,713	13,568	6,025
Ireland.....	4,504,360	4,826,904	14.0	18.7	-6.7	1,352,155	1,615,232	3,152,205	3,211,672	2,141,577	2,244,241	1,010,628	967,431
Italy.....	2,098,360	727,844	6.5	2.8	188.3	1,343,070	483,963	755,290	243,881	695,187	218,750	60,103	25,131
Mexico.....	382,002	(?)	1.2	.....	.....	219,802	101,908	162,300	(?)	107,866	(?)	54,334	(?)
Netherlands (Holland).....	293,574	(?)	0.9	.....	.....	120,053	94,922	173,521	(?)	116,331	(?)	57,190	(?)
Norway.....	979,099	788,758	3.0	3.0	24.1	403,858	336,379	575,241	452,379	410,951	349,220	164,290	103,159
Portugal.....	111,122	(?)	0.3	.....	.....	57,623	29,766	53,499	(?)	41,680	(?)	11,819	(?)
Roumania.....	87,721	(?)	0.3	.....	.....	65,920	15,032	21,801	(?)	20,707	(?)	1,094	(?)
Russia and Finland.....	2,752,675	903,435	8.5	3.5	204.7	1,732,421	640,710	1,020,254	262,725	949,316	247,581	70,938	15,144
Scotland.....	659,663	594,297	2.0	2.3	11.0	261,034	233,473	398,629	360,824	175,391	163,991	223,238	196,833
Spain.....	33,134	(?)	0.1	.....	.....	21,977	6,936	11,157	(?)	4,387	(?)	6,770	(?)
Sweden.....	1,364,215	1,082,388	4.2	4.2	26.0	665,183	581,986	609,032	500,402	546,788	414,772	152,244	85,630
Switzerland.....	301,650	257,426	0.9	1.0	17.2	124,834	115,581	176,816	141,845	90,609	74,951	86,147	66,894
Turkey in Asia.....	78,631	(?)	0.2	.....	.....	59,702	9,896	18,929	(?)	17,480	(?)	1,449	(?)
Turkey in Europe.....	35,314	(?)	0.1	.....	.....	32,221	(?)	3,093	(?)	2,500	(?)	533	(?)
Wales.....	248,947	253,045	0.8	1.0	-1.6	82,479	93,560	166,468	159,485	84,034	86,899	81,534	72,586
All other countries.....	160,295	1,118,841	0.5	4.3	.....	88,014	95,459	72,281	726,654	31,362	559,128	40,919	167,526
Of mixed foreign parentage <sup>4</sup> .....	1,177,092	1,056,152	3.7	4.1	11.5	.....	.....	1,177,092	1,056,152	1,177,092	1,056,152	.....	.....

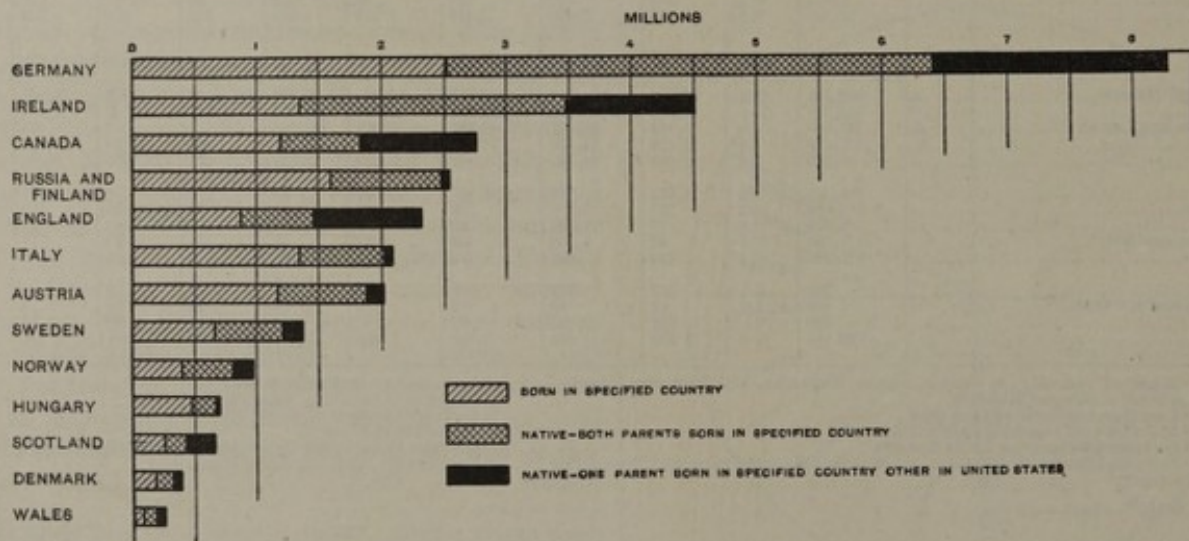
<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Data for 1900 not available; included with "All other countries."

<sup>3</sup> Includes Newfoundland for 1900.

<sup>4</sup> Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

## FOREIGN WHITE STOCK, BY PRINCIPAL COUNTRIES OF ORIGIN: 1910.





Of the total white population of foreign stock in 1910, Germany was the country of origin of 8,282,618, or 25.7 per cent; Ireland of 4,504,360, or 14 per cent; Canada of 8.5 per cent; Russia and Finland of 8.5 per cent; England of 7.2 per cent; Italy of 6.5 per cent; and Austria of 6.2 per cent. These seven countries thus account for over three-fourths of the total.

Extraordinary differences appear with respect to the rapidity of increase in the foreign white stock derived from the respective countries. Persons having Ireland and Wales as their countries of origin actually decreased in number from 1900 to 1910. All the other countries for which comparative statistics are presented in the table show an increase in their contributions to the foreign white stock of the United States, the rates of increase ranging from 4 per cent in the case of Germany to 188.3 per cent in the case of Italy, 204.7 per cent in the case of Russia and Finland, and 220.5 per cent in the case of Hungary.

Significant comparisons may be made between the columns in Table 5 showing the number of persons born in a given country and the columns showing the native whites of foreign parentage and the native whites of mixed parentage who had the same country of origin. The differences among the several countries of origin with respect to the relative magnitude of the figures in the three columns are largely due to differences in the dates at which the greatest immigration from those countries occurred. For example, the great bulk of immigration from Germany took place a considerable time ago, and it is but natural that in the population in 1910 the number of persons born in the United States both of whose parents were born in Germany should be greater than the number of persons who were themselves born in Germany. On the other hand, most of the immigration from Italy has taken place in recent years, and the number of natives of Italy was much greater than the number of persons born in the United States of Italian parents or than the combined number of such persons and those with one American and one Italian parent.

In the case of only four of the countries listed did the native whites both of whose parents were born in the specified country outnumber the persons who were themselves born there. These four countries are Germany, Ireland, Norway, and Wales. In several other cases, however, the combined number of native whites of foreign parentage and native whites of mixed foreign and native parentage having a given country of origin exceeded the number of persons themselves born in that country. This is true of Canada, Denmark, England, France, the Netherlands, Scotland, Sweden, and Switzerland.

In the case of all the other countries listed (namely, Austria, Belgium, the combined countries of Bulgaria, Servia, and Montenegro, Greece, Hungary, Italy, Mexico, Portugal, Roumania, Russia and Finland, Spain, Turkey in Asia, and Turkey in Europe) the persons themselves born abroad exceeded the natives of foreign and mixed parentage combined.

The statistics in Table 5 regarding the country of origin of the native whites of mixed parentage are significant, as indicating indirectly the relative extent of intermarriage between persons born in the several foreign countries and native Americans. There are no census data available showing directly the number of such intermarriages, but the last two columns in Table 5 show the number of surviving children of such intermarriages. In 1910 the total of this class was 5,981,526. Native whites of mixed foreign and native parentage whose foreign parent was born in Germany numbered 1,869,590; those with the foreign parent born in Ireland, 1,010,628; in Canada, 920,278; and in England, 853,702. These four groups aggregated 4,654,198, or nearly four-fifths of the total native whites of mixed parentage.

It may be noted further, by comparing the number of native whites both of whose parents were foreign born with the number having one parent foreign born and the other native, that the latter are more numerous than the former in the case of five of the countries of origin listed, namely, Canada, England, Scotland, France, and Spain.

The diagram on the opposite page shows the total number of persons of foreign white stock in 1910 for each of the principal countries of origin, distinguishing in each case the foreign-born whites, the native whites of foreign parentage, and the native whites of mixed parentage.

#### DIVISIONS AND STATES.

**Total foreign born, by divisions.**—Table 14, on pages 204 to 207, shows, by geographic divisions, the number of the foreign born of all races combined, distributed according to country of birth, at each census from 1890 to 1910. The table also presents corresponding data by states for 1910 and 1900.

Table 6 distributes, by percentages, the foreign-born population of each geographic division at the last two censuses according to country of birth.<sup>1</sup>

<sup>1</sup> A subsequent table (Table 9), which deals with the foreign white stock, distinguishing the foreign-born whites from the native whites of foreign or mixed parentage, furnishes an even more convenient basis for noting the relative importance of the leading countries of birth in contributing to the foreign-born white population of the several geographic divisions. Although it relates only to the whites, in the case of most geographic divisions the percentages are almost the same as those based upon the total foreign born of all races.



PER CENT DISTRIBUTION OF THE FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, BY DIVISIONS:  
1910 AND 1900.

Table 6

COUNTRY OF BIRTH.	PER CENT OF TOTAL FOREIGN-BORN POPULATION.																			
	United States.		New England.		Middle Atlantic.		East North Central.		West North Central.		South Atlantic.		East South Central.		West South Central.		Mountain.		Pacific.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
All foreign countries.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Austria.....	8.7	4.8	3.8	1.6	11.4	6.3	10.3	5.0	7.2	5.0	6.8	3.4	3.4	1.7	7.8	7.6	7.1	4.2	3.7	1.8
Belgium.....	0.4	0.3	0.2	0.1	0.2	0.2	0.7	0.6	0.4	0.3	0.4	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3
Canada, total.....	8.9	11.4	28.8	35.4	3.1	4.2	8.9	11.3	6.4	8.1	2.9	3.2	4.0	3.7	2.5	2.6	8.1	10.7	10.1	10.6
French.....	2.8	3.8	15.2	19.1	0.6	0.9	1.5	2.1	1.1	1.4	0.3	0.3	0.4	0.5	0.3	0.4	1.2	1.9	0.8	1.0
Other.....	6.1	7.6	13.6	16.3	2.5	3.3	7.4	9.2	5.3	6.7	2.6	2.9	3.6	3.3	2.2	2.2	6.9	8.8	9.3	9.6
China.....	0.4	0.8	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.1	0.4	0.8	0.4	0.4	0.3	0.5	1.0	2.5	3.8	9.8
Cuba and other West Indies <sup>1</sup> .....	0.4	0.2	0.2	0.1	0.4	0.3	(2)	(2)	(2)	(2)	6.1	5.8	0.6	0.3	0.3	0.3	0.1	(2)	0.1	0.1
Denmark.....	1.3	1.5	0.4	0.4	0.4	0.5	1.4	1.5	4.0	3.9	0.4	0.4	0.6	0.4	0.6	0.6	3.8	5.1	2.6	2.6
England.....	6.5	8.1	8.5	9.6	6.3	8.9	5.5	6.9	4.3	5.1	7.6	9.4	8.9	9.5	4.3	5.1	12.0	16.8	8.0	9.5
Finland.....	1.0	0.6	0.8	0.4	0.3	0.2	1.4	0.9	1.8	0.8	0.2	0.1	0.2	0.1	0.1	0.1	2.0	1.8	2.1	1.4
France.....	0.9	1.0	0.6	0.5	0.8	1.0	0.6	0.8	0.6	0.7	0.9	1.1	2.1	2.5	2.4	3.5	0.9	1.0	2.2	2.6
Germany.....	18.5	27.2	3.9	5.1	15.6	25.6	30.0	40.9	26.4	32.4	21.1	34.4	32.5	41.7	19.8	27.6	9.5	11.0	12.9	18.9
Greece.....	0.7	0.1	0.9	0.1	0.3	0.1	0.6	0.1	0.9	(2)	1.5	0.3	1.6	0.2	0.5	0.1	2.9	0.1	1.6	0.1
Hungary.....	3.7	1.4	0.9	0.5	5.5	3.0	5.3	1.0	1.5	0.4	3.5	1.0	2.0	0.9	0.6	0.4	0.9	0.4	0.6	0.2
Ireland.....	10.0	15.6	18.3	26.8	12.7	21.9	5.8	9.1	4.9	7.3	9.2	16.9	11.5	18.0	3.4	5.7	5.9	9.1	7.1	10.3
Italy.....	9.9	4.7	9.8	4.2	16.2	8.8	4.8	1.7	2.4	0.7	12.8	4.9	9.3	4.0	9.0	8.4	7.6	4.7	8.6	4.8
Japan.....	0.5	0.2	(2)	(2)	(2)	(2)	(2)	(2)	0.1	(2)	(2)	(2)	(2)	(2)	(2)	(2)	2.3	1.7	5.6	3.4
Mexico.....	1.6	1.0	(2)	(2)	(2)	(2)	(2)	(2)	0.7	(2)	0.1	0.1	0.3	0.2	36.6	26.9	10.1	7.1	3.6	1.5
Netherlands (Holland).....	0.9	0.9	0.1	0.1	0.5	0.6	1.9	2.0	1.3	1.1	0.2	0.2	0.4	0.3	0.3	0.2	0.8	0.4	0.5	0.4
Norway.....	3.0	3.3	0.5	0.4	0.7	0.5	3.2	3.8	12.3	12.1	0.5	0.5	0.6	0.5	0.7	0.7	3.3	2.8	4.7	3.3
Portugal.....	0.4	0.3	1.9	1.2	(2)	(2)	(2)	(2)	(2)	(2)	0.1	0.1	(2)	(2)	0.1	0.1	0.1	0.1	2.4	2.3
Russia.....	11.9	5.6	10.6	4.4	18.4	9.8	8.9	3.0	7.3	4.3	16.4	9.5	9.3	4.2	4.0	2.8	4.1	1.5	3.4	1.6
Scotland.....	1.9	2.3	2.7	2.9	1.8	2.4	1.6	1.8	1.3	1.6	2.4	3.0	2.8	3.0	1.2	1.3	3.3	4.2	2.5	2.8
Spain.....	0.2	0.1	0.1	(2)	0.1	0.1	(2)	(2)	(2)	(2)	1.7	0.6	0.2	0.2	0.5	0.3	0.7	0.1	0.5	0.2
Sweden.....	4.9	5.6	3.9	4.1	1.8	2.2	5.8	6.5	13.2	13.6	1.0	1.0	1.8	1.5	1.8	2.1	7.8	9.5	7.2	5.8
Switzerland.....	0.9	1.1	0.2	0.2	0.6	0.8	1.1	1.3	1.2	1.4	0.7	0.9	3.1	3.6	1.1	1.2	1.5	1.9	2.3	2.8
Turkey.....	0.7	0.1	1.5	0.2	0.5	0.1	0.5	(2)	0.4	(2)	1.5	0.1	1.9	0.2	0.9	0.2	0.6	0.1	0.7	0.1
Wales.....	0.6	0.9	0.2	0.3	0.8	1.3	0.6	0.8	0.5	0.6	0.7	0.8	0.8	1.1	0.3	0.3	1.4	2.2	0.5	0.7
All other countries.....	1.2	0.9	1.2	0.9	1.3	1.0	0.8	0.6	1.0	0.6	1.1	1.5	1.4	1.8	0.8	1.1	1.8	0.8	2.3	2.1

<sup>1</sup> Except Porto Rico.<sup>2</sup> Less than one-tenth of 1 per cent.

For New England the most important countries of birth of the foreign born enumerated in 1910 were, in the order of their rank, Canada, Ireland, and Russia, each of which contributed over 10 per cent of the total, followed by Italy and England. For the Middle Atlantic division they were Russia, Italy, Germany, Ireland, and Austria. For the East North Central division they were Germany and Austria, each of which contributed over 10 per cent, followed by Canada and Russia, each with 8.9 per cent. For the West North Central division the most important countries of birth were Germany, Sweden, Norway, and Russia. For the Mountain division the leading positions were occupied by England, Mexico, and Germany, and for the Pacific division by Germany, Canada, and Italy. In neither of these two western divisions was any one country of birth represented by as much as one-sixth of the total foreign-born population. In the three southern divisions the total number of foreign born was comparatively small. Persons born in Germany occupied the leading place in the South Atlantic and East South Central divisions, and those born in Mexico in the West South Central division.

Marked differences appear among the natives of different foreign countries with respect to the sections of the United States to which the greatest numbers have gone. These differences are most clearly brought out by Table 7, which shows, by percentages, the distribution of the persons born in each foreign country according to the geographic divisions in

which they were living at the census of 1910. For comparison the distribution of the total foreign-born population and also that of the total population are shown.

In view of the very large foreign-born population of the Middle Atlantic division, it is natural that that division should contain more of the persons from many of the countries specified than any other division. Of the natives of Austria in the United States in 1910, 47.1 per cent were in the Middle Atlantic division and 27 per cent in the East North Central. Of persons born in Canada, 43.7 per cent were in New England and 22.7 per cent in the East North Central division. Of those from England, 34.9 per cent were in the Middle Atlantic division, 19.4 per cent in the East North Central, and 17.8 per cent in New England; the distribution of persons born in Scotland was very similar. Of the natives of Germany, 36.8 per cent were in the East North Central division, 30.2 per cent in the Middle Atlantic, and 17.1 per cent in the West North Central. Many of the earlier German immigrants went to the farms of these geographic divisions. Of persons born in Hungary, 54.1 per cent were in the Middle Atlantic division (many of them in the mining regions of Pennsylvania) and 32.7 per cent in the East North Central.

Of persons born in Ireland, 45.5 per cent were in the Middle Atlantic division, 24.7 per cent in New England, and 13.3 per cent in the East North Central division. A decided concentration appears in the case of na-



tives of Italy, no less than 58.4 per cent in 1910 being in the Middle Atlantic division, 13.4 per cent in New England, and 10.9 per cent in the East North Central division. Of persons born in Russia, 55.7 per cent were in the Middle Atlantic division, 17.2 per cent in the East North Central, and 12 per cent in New England.

The natives of the Scandinavian countries have largely gone to the farming regions of the Middle West. Of those born in Norway, 49.2 per cent in 1910 were in

the West North Central division and 24.6 per cent in the East North Central, and of those born in Sweden, 32.1 per cent were in the West North Central and 26.8 per cent in the East North Central. The distribution of those born in Denmark is similar. Of the European immigrants, those born in Portugal show the most unequal distribution; nearly all of them being found in the New England and Pacific divisions. The natives of China and Japan have settled chiefly in the Pacific division.

# DISTRIBUTION OF POPULATION BORN IN THE LEADING FOREIGN COUNTRIES, BY DIVISION OF RESIDENCE: 1910.

Table 7

PER CENT OF TOTAL NUMBER OF PERSONS BORN IN SPECIFIED COUNTRY: 1910

DIVISION.	Total population.	Total foreign born.	Austria.	Belgium.	Canada.	China.	Cuba and other West Indies. <sup>1</sup>	Denmark.	England.	Finland.	France.	Germany.	Greece.	Hungary.	Ireland.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	7.1	13.5	5.9	6.6	43.7	4.6	6.5	4.2	17.8	10.9	9.3	2.8	16.6	3.4	24.7
Middle Atlantic.....	21.0	35.9	47.1	21.5	12.3	12.1	45.1	11.4	34.9	9.9	33.8	30.2	15.7	54.1	45.5
East North Central.....	19.8	22.7	27.0	46.4	22.7	4.4	2.3	25.6	19.4	33.5	16.2	36.8	17.7	32.7	13.3
West North Central.....	12.7	12.0	9.9	12.4	8.5	1.8	1.3	35.2	7.9	22.8	8.2	17.1	13.8	4.9	5.8
South Atlantic.....	13.3	2.2	1.7	2.3	0.7	2.2	38.6	0.7	2.6	0.3	2.4	2.5	4.6	2.1	2.0
East South Central.....	9.1	0.6	0.3	0.3	0.3	0.6	1.0	0.3	0.9	0.1	1.6	1.1	1.4	0.4	0.7
West South Central.....	9.6	2.6	2.3	1.9	0.7	1.8	2.3	1.2	1.7	0.2	7.1	2.8	1.7	0.4	0.9
Mountain.....	2.9	3.4	2.8	2.0	3.0	8.3	0.6	9.5	6.2	7.1	3.6	1.7	13.1	0.9	2.0
Pacific.....	4.6	7.1	3.0	6.6	8.0	64.4	2.3	13.9	8.7	15.1	17.8	4.9	15.5	1.1	5.0

DIVISION.	Italy.	Japan.	Mexico.	Netherlands (Holland).	Norway.	Portugal.	Russia.	Scotland.	Spain.	Sweden.	Switzerland.	Turkey.	Wales.	All other countries.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	13.4	0.4	0.1	1.8	2.1	57.1	12.0	18.5	5.2	10.6	3.0	29.3	4.5	13.5
Middle Atlantic.....	58.4	2.3	0.4	22.1	8.1	1.7	55.7	34.1	20.9	13.2	25.1	26.6	46.0	38.4
East North Central.....	10.9	0.7	0.4	49.7	24.6	0.9	17.2	18.7	2.8	26.8	26.6	16.6	22.1	14.7
West North Central.....	2.8	1.5	4.9	17.5	49.2	0.1	7.4	8.4	3.1	32.1	15.4	7.5	9.5	9.8
South Atlantic.....	2.9	0.2	0.1	0.5	0.4	0.3	3.1	2.7	22.5	0.4	1.7	4.8	2.4	2.1
East South Central.....	0.6	(?)	0.1	0.3	0.1	(?)	0.5	1.0	0.9	0.2	2.2	1.8	0.9	0.8
West South Central.....	2.4	0.6	58.1	0.8	0.6	0.3	0.9	1.6	7.3	1.0	3.0	3.5	1.1	1.8
Mountain.....	2.6	15.1	20.6	3.1	3.7	0.9	1.2	5.8	14.3	5.3	5.6	2.8	7.5	5.2
Pacific.....	6.1	79.2	15.3	4.2	11.2	38.6	2.1	9.3	23.0	10.3	17.5	7.0	6.0	13.7

<sup>1</sup> Except Porto Rico.<sup>2</sup> Less than one-tenth of 1 per cent.

Table 8 shows, by geographic divisions, the number of foreign-born persons reported at the censuses of 1910 and 1900 classified into three groups: (1) Those born in northwestern Europe; (2) those born in southern and eastern Europe; and (3) those born in all other foreign countries.

There are conspicuous differences among the geographic divisions with respect to the proportions which these three groups of countries have contributed to the foreign-born population. In the New England division, for example, in 1910 only 39.4 per cent of the foreign born were from northwestern Europe, while 29.3 per cent were from southern and eastern Europe and 31.3 per cent from other countries, mainly Canada. On the other hand, in the West North Central division 70.4 per cent of the foreign born were from northwestern Europe, 21.9 per cent from southern and eastern Europe, and only 7.7 per cent from all other countries. The proportion from southern and eastern Europe was conspicuously high in the Middle Atlantic division, 53.4 per cent. The proportion from non-European countries was highest in the West South Central division, where there are considerable

numbers of Mexicans in the comparatively small foreign-born population.

Table 8

PERSONS BORN IN—

DIVISION.	Northwestern Europe.		Southern and eastern Europe.		All other foreign countries. <sup>1</sup>	
	1910	1900	1910	1900	1910	1900
NUMBER.						
United States.....	6,740,406	7,016,311	5,048,583	1,832,894	1,726,903	1,492,071
New England.....	719,793	730,461	534,648	184,696	570,669	330,080
Middle Atlantic.....	2,053,472	2,187,570	2,588,248	949,340	209,453	180,649
East North Central.....	1,794,063	1,998,541	986,303	310,086	293,460	316,599
West North Central.....	1,137,573	1,226,223	354,857	173,976	124,265	133,049
South Atlantic.....	135,047	148,576	131,469	43,152	33,478	24,362
East South Central.....	57,466	74,406	23,642	10,475	6,717	5,687
West South Central.....	127,060	130,049	80,460	53,282	144,732	83,756
Mountain.....	229,239	193,640	122,529	39,612	101,554	68,717
Pacific.....	486,747	326,845	226,487	68,275	242,575	149,232
PER CENT OF TOTAL FOREIGN BORN.						
United States.....	49.9	67.8	37.4	17.7	12.8	14.4
New England.....	39.4	50.5	29.3	12.8	31.3	26.7
Middle Atlantic.....	42.3	65.9	53.4	28.6	4.3	5.4
East North Central.....	58.4	76.1	32.1	11.8	9.5	12.1
West North Central.....	70.4	80.0	21.9	11.3	7.7	8.7
South Atlantic.....	45.0	68.8	43.8	20.0	11.2	11.2
East South Central.....	65.4	82.2	26.9	11.6	7.6	6.3
West South Central.....	36.1	48.7	22.8	19.9	41.1	31.4
Mountain.....	50.6	64.1	27.0	13.1	22.4	22.8
Pacific.....	50.9	60.0	23.7	12.5	25.4	27.4

<sup>1</sup> Includes a few persons reported as born in Europe, country not specified.



More than half of the total number of southern and eastern Europeans in the United States in 1910 resided in the Middle Atlantic division, and more than four-fifths of them were in the Middle Atlantic, New England, and East North Central divisions, taken together. On the other hand, less than one-half of the northwestern Europeans were in the Middle Atlantic division, and the three divisions just named, taken together, contained a little more than two-thirds of the total number.

Foreign white stock, by divisions.—Table 13, pages 202 and 203, shows, for 1910, by geographic divisions, the total foreign white stock of each country of origin, distinguishing between white persons themselves foreign born and native whites of foreign or mixed parentage.

The principal facts brought out in Table 13 are shown more clearly in Table 9, in which the principal countries of origin of the foreign white stock of each geographic division are arranged in order of importance.

Table 9	FOREIGN WHITE STOCK: 1910						PER CENT OF TOTAL FOREIGN WHITE STOCK CONSISTING OF—		DIVISION AND COUNTRY OF ORIGIN.	FOREIGN WHITE STOCK: 1910						PER CENT OF TOTAL FOREIGN WHITE STOCK CONSISTING OF—	
	Total.		Foreign-born white.		Native white of foreign or mixed parentage.					Total.	Foreign-born white.		Native white of foreign or mixed parentage.				
DIVISION AND COUNTRY OF ORIGIN.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Foreign born.	Natives of foreign or mixed parentage.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Foreign born.	Natives of foreign or mixed parentage.
New England.....	3,867,095	100.0	1,814,386	100.0	2,052,709	100.0	46.9	53.1	South Atlantic—Con.								
Canada.....	1,104,384	28.6	524,015	28.9	580,369	28.3	47.4	52.6	Austria.....	33,320	4.6	20,272	7.0	13,048	3.0	60.8	39.2
Ireland.....	978,352	25.3	334,475	18.4	643,877	31.4	34.2	65.8	Scotland.....	21,692	3.0	7,143	2.5	14,549	3.3	32.9	67.1
England.....	320,834	8.3	155,675	8.6	165,159	8.0	48.5	51.5	Cuba and other W. Indies	21,475	2.9	11,229	3.9	10,246	2.3	52.3	47.7
Russia.....	291,618	7.5	192,697	10.6	98,921	4.8	66.1	33.9	Canada.....	19,128	2.6	8,488	2.9	10,640	2.4	44.4	55.6
Italy.....	277,361	7.2	179,428	9.9	97,933	4.8	64.7	35.3	Hungary.....	14,154	1.9	10,599	3.6	3,555	0.8	74.9	25.1
Germany.....	176,945	4.6	70,261	3.9	106,684	5.2	39.7	60.3	East South Central.	301,834	100.0	86,857	100.0	214,977	100.0	28.8	71.2
Sweden.....	126,471	3.3	70,774	3.9	55,697	2.7	56.0	44.0	Germany.....	125,572	41.6	28,516	32.8	97,056	45.1	22.7	77.3
Austria.....	107,127	2.8	69,583	3.8	37,544	1.8	65.0	35.0	Ireland.....	51,346	17.0	10,123	11.7	41,223	19.2	19.7	80.3
Scotland.....	97,740	2.5	48,413	2.7	49,327	2.4	49.5	50.5	England.....	26,230	8.7	7,776	9.0	18,454	8.6	29.6	70.4
Portugal.....	53,721	1.4	32,453	1.8	21,268	1.0	63.4	36.6	Italy.....	14,838	4.9	8,181	9.4	6,657	3.1	55.1	44.9
Middle Atlantic.....	10,417,491	100.0	4,828,179	100.0	5,591,312	100.0	46.3	53.7	Russia.....	14,118	4.7	8,152	9.4	5,966	2.8	57.7	42.3
Germany.....	2,222,900	21.3	754,939	15.6	1,467,961	26.3	34.0	66.0	Canada.....	8,737	2.9	3,427	3.9	5,310	2.5	39.2	60.8
Ireland.....	1,922,099	18.5	615,717	12.8	1,306,382	23.4	32.0	68.0	Scotland.....	8,736	2.9	2,503	2.9	6,233	2.9	28.7	71.3
Russia.....	1,382,493	13.3	893,498	18.5	488,995	8.7	64.6	35.4	Switzerland.....	7,872	2.6	2,748	3.2	5,124	2.4	34.9	65.1
Italy.....	1,229,462	11.8	783,758	16.2	445,704	8.0	63.7	36.3	France.....	6,888	2.3	1,829	2.1	5,059	2.4	26.6	73.4
Austria.....	873,467	8.4	553,546	11.5	319,921	5.7	63.4	36.6	Austria.....	5,461	1.8	2,989	3.4	2,472	1.1	54.7	45.3
England.....	752,949	7.2	305,826	6.3	447,114	8.0	40.6	59.4	West South Central.	954,042	100.0	348,759	100.0	605,283	100.0	36.6	63.4
Hungary.....	389,738	3.7	267,949	5.6	121,789	2.2	68.8	31.2	Germany.....	275,451	28.9	69,737	20.0	205,714	34.0	25.3	74.7
Canada.....	323,875	3.1	146,971	3.0	176,904	3.2	45.4	54.6	Mexico.....	237,893	24.9	127,984	36.7	109,909	18.2	53.8	46.2
Scotland.....	211,237	2.0	88,975	1.8	122,262	2.2	42.1	57.9	Austria.....	67,376	7.1	27,318	7.8	40,058	6.6	40.5	59.5
Sweden.....	160,268	1.5	87,717	1.8	72,551	1.3	54.7	45.3	Italy.....	63,645	6.7	31,686	9.1	31,959	5.3	49.8	50.2
East North Central.	8,175,654	100.0	3,067,220	100.0	5,108,434	100.0	37.5	62.5	Ireland.....	59,331	6.2	11,985	3.4	47,346	7.8	20.2	79.8
Germany.....	3,172,097	38.8	921,417	30.0	2,250,680	44.1	29.0	71.0	England.....	53,203	5.6	15,014	4.3	38,189	6.3	28.2	71.8
Ireland.....	706,749	8.6	179,257	5.8	527,492	10.3	25.4	74.6	Russia.....	29,799	3.1	14,108	4.0	15,691	2.6	47.3	52.7
Canada.....	679,139	8.3	270,289	8.8	408,850	8.0	39.8	60.2	France.....	29,649	3.1	8,242	2.4	21,407	3.5	27.9	72.1
Austria.....	556,527	6.8	317,462	10.4	239,065	4.7	57.0	43.0	Canada.....	25,819	2.7	8,554	2.5	17,265	2.9	33.1	66.9
England.....	503,985	6.2	170,131	5.5	333,854	6.5	33.8	66.2	Sweden.....	16,498	1.7	6,460	1.9	10,038	1.7	39.2	60.8
Russia.....	424,124	5.2	274,993	9.0	149,131	2.9	64.8	35.2	Mountain.....	1,052,831	100.0	436,910	100.0	616,921	100.0	41.5	58.5
Sweden.....	365,310	4.5	178,138	5.8	187,172	3.7	48.8	51.2	England.....	171,028	16.2	54,349	12.4	116,679	18.9	31.8	68.2
Norway.....	246,136	3.0	99,190	3.2	146,946	2.9	40.3	59.7	Germany.....	134,967	12.8	42,897	9.8	92,070	14.9	31.8	68.2
Italy.....	226,150	2.8	146,824	4.8	79,326	1.6	64.9	35.1	Ireland.....	93,697	8.9	26,872	6.2	66,825	10.8	28.7	71.3
Hungary.....	214,885	2.6	162,259	5.3	52,626	1.0	75.5	24.5	Canada.....	86,748	8.2	36,172	8.3	50,576	8.2	41.7	58.3
West North Central.	4,827,934	100.0	1,613,231	100.0	3,214,703	100.0	33.4	66.6	Mexico.....	78,029	7.4	45,159	10.3	32,870	5.3	57.9	42.1
Germany.....	1,691,182	33.2	426,531	26.4	1,264,651	36.5	26.6	73.4	Sweden.....	73,329	7.0	35,482	8.1	37,847	6.1	48.4	51.6
Norway.....	543,681	11.3	198,783	12.3	344,896	10.7	36.6	63.4	Italy.....	50,562	4.8	34,323	7.9	16,239	2.6	68.1	31.9
Sweden.....	491,949	10.2	213,530	13.2	278,419	8.7	43.4	56.6	Austria.....	49,228	4.7	32,325	7.4	16,903	2.7	65.7	34.3
Ireland.....	369,020	7.6	78,607	4.9	290,413	9.0	21.3	78.7	Denmark.....	48,377	4.6	17,230	3.9	31,147	5.0	35.6	64.4
Canada.....	296,219	6.1	101,975	6.3	194,244	6.0	34.4	65.6	Scotland.....	42,087	4.0	15,142	3.5	26,945	4.4	36.0	64.0
Austria.....	256,972	5.3	116,281	7.2	140,691	4.4	45.3	54.7	Pacific.....	1,915,103	100.0	861,448	100.0	1,053,655	100.0	45.0	55.0
England.....	245,227	5.1	69,027	4.3	176,200	5.5	28.1	71.9	Germany.....	347,219	18.1	123,644	14.4	223,575	21.2	35.6	64.4
Russia.....	232,940	4.8	118,682	7.4	114,258	3.6	50.9	49.1	Ireland.....	212,178	11.1	67,648	7.9	144,530	13.7	31.9	68.1
Denmark.....	150,465	3.1	63,908	4.0	86,557	2.7	42.5	57.5	Canada.....	210,566	11.0	96,182	11.2	114,384	10.9	45.7	54.3
Scotland.....	73,652	1.5	21,814	1.4	51,838	1.6	29.6	70.4	England.....	184,678	9.6	76,075	8.8	108,603	10.3	41.2	58.8
South Atlantic.....	730,398	100.0	290,555	100.0	439,843	100.0	39.8	60.2	Italy.....	126,013	6.6	82,250	9.5	43,763	4.2	65.3	34.7
Germany.....	226,285	31.0	63,239	21.8	163,046	37.1	27.9	72.1	Sweden.....	120,748	6.3	68,504	8.0	52,244	5.0	56.7	43.3
Ireland.....	111,597	15.3	27,471	9.5	84,126	19.1	24.6	75.4	Norway.....	83,305	4.3	45,158	5.2	38,147	3.6	54.2	45.8
Russia.....	82,303	11.3	49,141	16.9	33,062	7.5	59.8	40.2	Scotland.....	56,843	3.0	24,181	2.8	32,662	3.1	42.5	57.5
England.....	64,317	8.8	22,582	7.8	41,735	9.5	35.1	64.9	Russia.....	53,965	2.8	32,889	3.8	21,076	2.0	60.9	39.1
Italy.....	55,206	7.6	38,277	13.2	16,929	3.8	69.3	30.7	Portugal.....	52,369	2.7	22,775	2.6	29,594	2.8	43.5	56.5

<sup>1</sup> Except Porto Rico.



It will be noted that the order in which the countries rank as contributors to the foreign-born white population, taken by itself, is not always the same as the order in which they rank as contributors to the total foreign white stock. Germany ranks first as country of origin of the foreign white stock in all the geographic divisions except the New England and Mountain divisions, where first place is held by Canada and England, respectively. The second place is occupied by Ireland in the New England, Middle Atlantic, East North Central, South Atlantic, East South Central, and Pacific divisions; by Norway in the West North Central; by Mexico in the West South Central; and by Germany in the Mountain division.

Table 9 shows also, for each country of origin, the proportion of the total foreign white stock which consists, respectively, of white persons themselves born abroad and of native whites of foreign or mixed parentage. The differences in the relative importance of these two classes which appear in the statistics already presented for the United States as a whole usually appear also in the statistics for each geographic division. In the case of the stock derived from the countries from which most of the earlier immigration came, there are usually more natives of foreign or mixed parentage than persons themselves foreign born, while the opposite is the

case with respect to the stock derived from countries from which immigration has chiefly been drawn during recent years.

Table 10 gives percentages computed from Table 13, showing the distribution of the foreign white stock from each country of origin among the several geographic divisions. The percentages in this table bear a general similarity to those in Table 7, which shows the distribution of the persons themselves born abroad. This is naturally the case, since most of the native whites of foreign or mixed parentage having a given country of origin reside in the sections of the country in which their parents settled.

**Foreign born and foreign white stock, by states.**—Table 14, pages 204 to 207, shows, for 1910 and 1900, the number of the foreign born in each state classified according to country of birth, while Table 15, pages 208 and 209, shows, for 1910, the number of the native whites of foreign or mixed parentage classified according to the country of birth of the foreign-born parent or parents. In the case of most countries of origin, the approximate total foreign white stock resident in a given state may be obtained by adding the figures in Table 14 to those in Table 15, since in most cases the total number of foreign born from a given country is practically the same as the number of foreign-born whites from that country.

Table 10

PER CENT OF FOREIGN WHITE STOCK WITH SPECIFIED COUNTRY OF ORIGIN: 1910

DIVISION OF RESIDENCE.	Total pop-ulation.	Total for- eign white stock.	Austria.	Canada— French.	Canada— Other.	Denmark.	England.	Finland.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands (Holland).	Norway.	Russia.	Scotland.	Sweden.	Switzerland.	Wales.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	7.1	12.0	5.4	65.4	27.2	3.5	13.8	10.1	6.5	2.1	16.5	3.7	21.7	13.2	1.3	1.4	11.5	14.8	9.3	2.2	3.3
Middle Atlantic.....	21.0	32.3	43.6	8.2	13.6	9.1	32.4	8.3	28.3	26.8	16.4	55.7	42.7	58.6	19.8	5.1	54.4	32.0	11.7	20.3	43.9
East North Central.....	19.8	25.4	27.8	15.6	29.3	23.1	21.7	36.0	21.7	38.3	18.2	30.7	15.7	10.8	52.3	25.1	16.7	20.1	26.8	31.1	23.4
West North Central.....	12.7	15.0	12.8	6.5	12.9	37.6	10.6	24.0	11.2	19.3	13.3	5.0	8.2	2.6	18.7	55.5	9.2	11.2	36.1	18.9	11.3
South Atlantic.....	13.3	2.3	1.7	0.2	0.9	0.6	2.8	0.3	2.6	2.7	4.8	2.0	2.5	2.6	0.5	0.3	3.2	3.3	0.4	1.7	2.3
East South Central.....	9.1	0.9	0.9	0.1	0.4	0.3	1.1	0.2	2.4	1.5	1.5	0.4	1.1	0.7	0.4	0.1	0.6	1.3	0.3	2.6	1.0
West South Central.....	9.6	3.0	3.4	0.4	1.2	1.5	2.3	0.2	10.1	3.3	2.0	0.5	1.3	3.0	0.8	0.7	1.2	2.3	1.2	3.4	1.2
Mountain.....	2.9	3.3	2.5	1.4	4.0	12.1	7.4	6.7	3.4	1.6	12.3	0.9	2.1	2.4	2.5	3.3	1.2	6.4	5.4	5.4	8.0
Pacific.....	4.6	5.9	2.6	2.2	10.4	12.1	8.0	14.2	13.8	4.2	14.9	1.1	4.7	6.0	3.7	8.5	2.1	8.6	8.9	14.4	5.5

## URBAN AND RURAL COMMUNITIES.

Table 11 shows, for 1910, for the United States as a whole, the number of persons born in each of the leading foreign countries, classified as resident in urban or in rural communities, with corresponding percentages. Urban communities, as defined by the Census Bureau, include all cities and other incorporated places of 2,500 inhabitants or more, including New England towns of that population.

The foreign born from most countries have settled mainly in urban communities. While considerably less than half (46.3 per cent) of the total population of the United States in 1910 was urban, 72.1 per cent of the foreign-born population was urban. There are, however, striking differences in this respect among the

natives of the several foreign countries. In 1910 more than five-sixths of those from Roumania, the West Indies, Russia, Turkey in Asia, and Ireland resided in urban communities, while more than three-fourths of those from Canada who were of French descent, and of those from Turkey in Europe, Italy, and Hungary were urban, and more than seven-tenths of those from China, England, Scotland, Austria, and Greece. On the other hand, less than half of the foreign born from Mexico, Norway, Denmark, and Japan were in urban communities, and the proportion was comparatively low also in the case of persons born in Finland, in Bulgaria, Servia, or Montenegro, in Switzerland, and in the Netherlands. Of natives of Germany—the most important class in the foreign-



born population—almost exactly two-thirds lived in urban communities.

In general, the immigrants from the countries of southern and eastern Europe, who have come mainly during recent years, have settled in cities to a greater

extent than the immigrants from northwestern Europe, most of whom came at an earlier period. The Irish, however, although most of them came at an earlier period, have manifested a conspicuous preference for urban life.

Table 11

COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910				COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910			
	Urban.	Rural.	Per cent urban.	Per cent rural.		Urban.	Rural.	Per cent urban.	Per cent rural.
All foreign countries.....	9,745,697	3,770,189	72.1	27.9	Italy.....	1,049,390	293,735	78.1	21.9
Austria.....	850,507	324,466	72.4	27.6	Japan.....	32,908	34,836	48.6	51.4
Belgium.....	29,449	19,951	59.6	40.4	Mexico.....	75,947	145,968	34.2	65.8
Bulgaria, Servia, and Montenegro.....	10,958	10,553	50.9	49.1	Netherlands (Holland).....	65,880	54,183	54.9	45.1
Canada—French.....	313,184	71,899	81.3	18.7	Norway.....	170,615	233,262	42.2	57.8
Canada—Other.....	567,801	251,753	69.3	30.7	Portugal.....	41,335	18,025	69.6	30.4
China.....	41,906	14,820	73.9	26.1	Romania.....	60,593	5,330	91.9	8.1
Cuba and other West Indies <sup>1</sup> .....	42,977	4,658	90.2	9.8	Russia.....	1,393,965	208,817	87.0	13.0
Denmark.....	87,752	93,897	48.3	51.7	Scotland.....	189,090	71,986	72.4	27.6
England.....	637,105	240,614	72.6	27.4	Spain.....	14,640	7,468	66.2	33.8
Finland.....	64,810	64,870	50.0	50.0	Sweden.....	402,815	262,392	60.6	39.4
France.....	82,078	35,340	69.9	30.1	Switzerland.....	67,299	57,549	53.9	46.1
Germany.....	1,609,315	832,018	66.7	33.3	Turkey in Asia.....	51,789	7,940	86.7	13.3
Greece.....	72,290	28,992	71.4	28.6	Turkey in Europe.....	25,628	6,602	79.5	20.5
Hungary.....	383,297	112,312	77.3	22.7	Wales.....	54,418	28,070	66.0	34.0
Ireland.....	1,144,997	207,254	84.7	15.3	All other countries.....	50,929	20,629	71.2	28.8

<sup>1</sup> Except Porto Rico.

Table 12 shows, by geographic divisions, the number of the foreign born from each of the leading foreign countries living in urban and rural communities, respectively, together with the percentage urban. It should, of course, be borne in mind that there are great differences among the divisions with respect to the percentage of urban dwellers in the total population, which for comparison is also shown in the table.

#### PRINCIPAL CITIES.

Table 16, page 210, shows, for 1910 and 1900, the foreign-born population of each city of 250,000 inhabitants or more, distributed according to country of birth, while Table 17, pages 211 to 213, gives similar data, for 1910 only, for cities having from 25,000 to 250,000 inhabitants. The tables bring out striking differences among the cities with respect to the relative importance of the different countries in contributing to the foreign-born population. Table 16 also shows that many striking changes occurred between 1900 and 1910.

New York City in 1910 contained one-nineteenth of the total population of the United States and about one-seventh of the total foreign-born population. Of the 1,944,357 residents of the city who were born abroad, 484,193 were natives of Russia, 340,770 of Italy, 278,137 of Germany, 252,672 of Ireland, and

190,246 of Austria, no other country being represented by as many as 100,000.

Of the 783,428 foreign-born residents of Chicago in 1910, 182,289 were born in Germany, 132,063 in Austria, 121,786 in Russia, 65,965 in Ireland, and 63,035 in Sweden, less than 50,000 being natives of any other single country.

The following tabular statement names for each of the cities having over 250,000 inhabitants in 1910 the two countries having the largest representation among the foreign-born population:

CITY.	LEADING COUNTRIES OF ORIGIN OF FOREIGN-BORN POPULATION: 1910	
	First.	Second.
Baltimore.....	Germany.....	Russia.
Boston.....	Ireland.....	Canada.
Buffalo.....	Germany.....	Canada.
Chicago.....	Germany.....	Austria.
Cincinnati.....	Germany.....	Hungary.
Cleveland.....	Austria.....	Germany.
Detroit.....	Germany.....	Canada.
Jersey City.....	Germany.....	Ireland.
Los Angeles.....	Germany.....	Canada.
Milwaukee.....	Germany.....	Russia.
Minneapolis.....	Sweden.....	Norway.
New Orleans.....	Italy.....	Germany.
New York.....	Russia.....	Italy.
Newark.....	Germany.....	Russia.
Philadelphia.....	Russia.....	Ireland.
Pittsburgh.....	Germany.....	Russia.
St. Louis.....	Germany.....	Russia.
San Francisco.....	Germany.....	Ireland.
Washington.....	Ireland.....	Germany.



## COUNTRY OF ORIGIN.

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PERSONS BORN IN THE LEADING FOREIGN COUNTRIES, RESIDING IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

Table 12 COUNTRY OF BIRTH.	NEW ENGLAND.		MIDDLE ATLANTIC.		EAST NORTH CENTRAL.		WEST NORTH CENTRAL.		SOUTH ATLANTIC.		EAST SOUTH CENTRAL.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
Total population.....	5,455,345	1,007,336	13,723,373	5,502,519	9,617,271	8,633,350	3,873,716	7,764,205	3,092,153	9,102,742	1,574,229	6,835,672
Total foreign born.....	1,686,187	138,923	4,073,111	778,062	2,195,174	578,592	633,869	982,826	198,996	100,998	58,534	29,291
Austria.....	63,875	5,708	422,723	130,834	264,659	52,810	50,780	65,507	10,736	9,548	1,518	1,472
Canada—French.....	253,255	24,901	16,761	10,251	27,132	19,482	7,936	9,984	458	305	202	129
Canada—Other.....	211,305	36,778	94,120	27,237	145,786	82,740	36,547	48,382	4,603	3,315	2,032	1,146
Denmark.....	6,650	1,039	16,798	3,839	25,293	17,582	17,350	46,560	691	575	247	310
England.....	146,058	9,874	244,792	61,568	110,574	59,615	32,585	36,467	13,256	9,555	4,685	3,121
Finland.....	11,802	2,337	10,999	1,814	16,830	26,612	11,517	18,075	159	293	43	122
France.....	9,988	946	31,945	7,770	11,401	7,614	4,217	5,468	1,733	1,028	1,083	750
Germany.....	64,479	5,788	644,737	110,256	616,208	305,235	153,327	273,212	45,261	17,996	29,325	8,198
Greece.....	16,516	248	14,741	1,152	15,476	2,440	7,436	6,553	3,386	1,244	1,187	210
Hungary.....	15,034	973	199,833	68,118	140,743	21,518	16,335	7,937	2,870	7,730	1,085	657
Ireland.....	329,533	13,953	538,382	77,374	140,681	38,585	44,717	33,897	20,793	6,092	7,475	2,649
Italy.....	168,703	10,727	651,258	132,511	111,023	35,805	24,246	13,992	19,137	19,147	4,602	3,581
Mexico.....	120	18	729	76	470	499	3,440	7,387	203	39	116	110
Netherlands (Holland).....	2,028	116	18,252	8,349	37,011	22,650	3,351	17,659	357	273	207	172
Norway.....	7,732	716	29,977	2,707	59,126	49,066	47,082	151,704	846	623	256	243
Russia.....	184,280	8,419	823,527	69,981	247,067	27,926	53,512	65,171	40,701	8,448	6,782	1,371
Scotland.....	44,963	3,458	70,834	18,161	33,628	15,088	9,758	12,059	3,650	3,495	1,399	1,104
Sweden.....	64,538	6,239	68,215	19,604	129,814	54,326	83,636	129,895	1,686	1,298	732	866
Switzerland.....	3,113	603	25,190	6,158	16,617	16,613	7,090	12,081	1,047	1,029	1,352	1,396
Wales.....	3,147	555	29,649	8,272	11,752	6,507	2,620	5,220	885	1,122	362	367

Table 12—Continued. COUNTRY OF BIRTH.	WEST SOUTH CENTRAL.		MOUNTAIN.		PACIFIC.		PER CENT OF PERSONS BORN IN SPECIFIED COUNTRY AND LIVING IN SPECIFIED DIVISION WHO LIVE IN URBAN COMMUNITIES.							
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	New Eng-land.	Mid-dle At-lantic.	East North Central.	West North Central.	South At-lantic.	East South Central.	West South Central.	Pacific.
Total population.....	1,957,456	6,827,078	947,511	1,686,066	2,382,329	1,809,975	83.3	71.0	52.7	33.3	25.4	18.7	22.3	56.8
Total foreign born.....	138,735	213,457	179,662	273,660	581,429	374,380	92.4	84.0	71.4	39.2	66.3	66.6	39.4	60.8
Austria.....	4,633	22,691	10,838	20,490	20,745	14,406	91.8	76.4	83.4	43.7	52.9	50.8	17.0	59.0
Canada—French.....	536	509	2,099	3,177	4,805	3,161	91.0	62.1	58.2	44.3	60.0	61.0	51.3	60.3
Canada—Other.....	4,001	3,624	14,202	17,134	57,205	31,397	85.2	77.6	63.5	43.0	58.1	63.9	52.5	64.6
Denmark.....	893	1,363	6,187	11,044	13,643	11,585	86.5	81.4	59.0	27.1	54.6	44.3	39.6	54.1
England.....	8,485	6,599	25,066	29,288	51,604	24,527	93.7	79.9	65.0	47.2	58.1	60.0	56.3	67.8
Finland.....	139	172	3,329	5,825	9,992	9,620	83.5	85.8	38.7	38.9	35.2	26.1	44.7	50.9
France.....	5,554	2,748	1,653	2,614	14,504	6,402	91.3	80.4	60.0	43.5	62.8	59.1	66.9	69.4
Germany.....	25,948	43,812	19,632	23,266	79,398	44,255	91.8	85.4	66.9	35.9	71.6	71.3	37.2	64.2
Greece.....	1,289	473	3,993	9,276	8,296	7,396	98.5	92.8	86.4	53.2	73.1	85.0	73.2	52.8
Hungary.....	664	1,292	1,727	2,569	4,106	1,518	94.2	74.6	86.7	67.3	27.1	62.3	33.9	73.0
Ireland.....	8,124	3,870	14,599	12,274	49,693	17,960	95.8	87.4	78.5	56.9	75.7	73.8	67.7	73.5
Italy.....	14,647	17,039	10,268	24,165	45,506	36,768	94.0	83.1	75.6	63.4	50.0	56.2	46.2	55.3
Mexico.....	42,156	86,761	12,447	33,346	16,266	17,772	87.0	90.6	50.6	31.8	83.9	51.3	32.7	47.8
Netherlands (Holland).....	378	534	1,781	1,886	2,535	2,544	94.6	68.6	62.0	15.9	56.7	54.6	41.4	49.9
Norway.....	1,070	1,437	5,157	9,972	28,369	16,794	91.5	91.7	50.5	23.7	57.6	51.3	42.7	62.8
Russia.....	6,711	7,400	8,578	10,016	22,807	10,085	95.6	92.2	89.8	45.1	82.8	83.2	47.6	69.3
Scotland.....	2,038	2,115	6,522	8,621	16,298	7,885	92.9	79.6	69.0	44.7	51.1	55.9	49.1	67.4
Sweden.....	2,320	4,143	15,736	19,749	42,138	26,372	91.2	77.8	69.5	39.2	56.5	45.8	35.9	61.5
Switzerland.....	1,471	2,297	2,338	4,632	9,081	12,740	83.8	89.4	50.0	37.0	50.4	49.2	39.0	41.6
Wales.....	401	495	2,654	3,503	2,948	2,629	85.0	78.2	64.4	33.4	44.1	49.7	44.8	59.2



## FOREIGN WHITE STOCK BY COUNTRY OF ORIGIN, BY DIVISIONS: 1910.

Table 13

COUNTRY OF ORIGIN.	UNITED STATES.				NEW ENGLAND.				MIDDLE ATLANTIC.			
	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.
	Number.	Per cent.			Number.	Per cent.			Number.	Per cent.		
All foreign countries.....	32,243,382	100.0	13,345,545	18,897,837	3,867,095	100.0	1,814,386	2,052,709	10,417,491	100.0	4,826,179	5,591,312
Austria.....	2,001,559	6.2	1,174,924	826,635	107,127	2.8	69,583	37,544	873,467	8.4	553,546	319,921
Belgium.....	89,264	0.3	49,397	39,867	4,159	0.1	3,264	895	16,426	0.2	10,600	5,826
Bulgaria, Servia, and Montenegro.....	22,685	0.1	21,451	1,234	386	(1)	323	63	2,832	(1)	2,561	291
Canada—French.....	932,238	2.9	385,083	547,155	609,241	15.8	278,156	331,085	76,146	0.7	27,012	49,134
Canada—Other.....	1,822,377	5.7	810,987	1,011,390	495,143	12.8	245,859	249,284	247,729	2.4	119,959	127,770
Cuba and other West Indies <sup>1</sup> .....	41,842	0.1	23,169	18,673	2,212	0.1	1,276	936	13,009	0.1	8,212	4,797
Denmark.....	400,064	1.2	181,621	218,443	14,199	0.4	7,685	6,514	36,326	0.3	20,625	15,701
England.....	2,322,442	7.2	876,455	1,445,987	320,834	8.3	155,675	165,159	752,940	7.2	305,826	447,114
Finland.....	211,026	0.7	129,609	81,357	21,378	0.6	14,139	7,239	17,451	0.2	12,811	4,640
France.....	292,389	0.9	117,236	175,153	18,985	0.5	10,917	8,068	82,824	0.8	39,663	43,161
Germany.....	8,282,618	25.7	2,501,181	5,781,437	176,945	4.6	70,261	106,684	2,222,900	21.3	754,939	1,467,961
Greece.....	109,665	0.3	101,264	8,401	18,131	0.5	16,764	1,367	18,009	0.2	15,893	2,116
Hungary.....	700,227	2.2	495,600	204,627	26,016	0.7	16,907	9,109	389,738	3.7	267,949	121,789
Ireland.....	4,304,360	14.0	1,352,155	3,152,205	978,352	25.3	334,475	643,877	1,922,099	18.5	615,717	1,306,382
Italy.....	2,098,360	6.5	1,343,070	755,290	277,361	7.2	179,428	97,933	1,229,402	11.8	783,758	445,704
Mexico.....	382,002	1.2	219,802	162,200	197	(1)	132	65	1,153	(1)	743	410
Netherlands (Holland).....	293,574	0.9	120,053	173,521	3,910	0.1	2,139	1,771	58,081	0.6	26,577	31,504
Norway.....	979,099	3.0	403,858	575,241	13,367	0.3	8,447	4,920	49,719	0.5	32,680	17,039
Portugal.....	111,122	0.3	57,623	53,499	53,721	1.4	32,453	21,268	1,827	(1)	961	866
Roumania.....	87,721	0.3	65,920	21,801	2,821	0.1	2,054	767	60,491	0.6	44,401	16,090
Russia.....	2,541,649	7.9	1,602,752	938,897	291,618	7.5	192,697	98,921	1,382,493	13.3	893,498	488,995
Scotland.....	659,663	2.0	261,034	398,629	97,740	2.5	48,413	49,327	211,237	2.0	88,975	122,262
Spain.....	33,134	0.1	21,977	11,157	1,767	(1)	1,158	609	6,892	0.1	4,564	2,328
Sweden.....	1,364,215	4.2	665,183	699,032	126,471	3.3	70,774	55,697	160,268	1.5	87,717	72,551
Switzerland.....	301,650	0.9	124,834	176,816	6,620	0.2	3,715	2,905	61,143	0.6	31,344	29,799
Turkey in Asia.....	78,631	0.2	59,702	18,929	24,377	0.6	19,237	5,140	20,982	0.2	16,358	4,624
Turkey in Europe.....	35,314	0.1	32,221	3,093	8,250	0.2	7,663	587	9,136	0.1	8,141	995
Wales.....	248,947	0.8	82,479	166,468	8,225	0.2	3,702	4,523	109,310	1.0	37,916	71,394
All other countries.....	118,453	0.4	64,845	53,608	29,569	0.8	17,090	12,479	21,409	0.2	13,233	8,176
Of mixed foreign parentage <sup>2</sup> .....	1,177,092	3.7	.....	1,177,092	127,973	3.3	.....	127,973	361,972	3.5	.....	361,972

Table 13—Continued.

COUNTRY OF ORIGIN.	EAST NORTH CENTRAL.				WEST NORTH CENTRAL.				SOUTH ATLANTIC.			
	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.
	Number.	Per cent.			Number.	Per cent.			Number.	Per cent.		
All foreign countries.....	8,175,654	100.0	3,067,220	5,108,434	4,827,934	100.0	1,613,231	3,214,703	730,398	100.0	290,555	439,843
Austria.....	556,527	6.8	317,462	239,065	256,972	5.3	116,281	140,691	33,320	4.6	20,272	13,048
Belgium.....	46,223	0.6	22,925	23,298	11,832	0.2	6,146	5,686	1,699	0.2	1,135	564
Bulgaria, Servia, and Montenegro.....	5,253	0.1	4,916	337	4,697	0.1	4,574	123	196	(1)	174	22
Canada—French.....	145,255	1.8	46,614	98,641	61,047	1.3	17,920	43,127	1,963	0.3	763	1,200
Canada—Other.....	533,884	6.5	225,672	310,212	235,172	4.9	84,055	151,117	17,165	2.4	7,725	9,440
Cuba and other West Indies <sup>1</sup> .....	1,191	(1)	596	595	787	(1)	349	438	21,475	2.9	11,229	10,246
Denmark.....	92,602	1.1	42,872	49,730	150,465	3.1	63,908	86,557	2,522	0.3	1,263	1,259
England.....	503,985	6.2	170,131	333,854	245,227	5.1	69,027	176,200	64,317	8.8	22,582	41,735
Finland.....	76,042	0.9	43,442	32,600	50,711	1.1	29,591	21,120	620	0.1	452	168
France.....	63,430	0.8	19,004	44,426	32,963	0.7	9,681	23,282	7,487	1.0	2,747	4,740
Germany.....	3,172,097	38.8	921,417	2,250,680	1,601,182	33.2	426,531	1,174,651	226,285	31.0	63,239	163,046
Greece.....	19,943	0.2	17,914	2,029	14,631	0.3	13,989	642	5,294	0.7	4,629	665
Hungary.....	214,885	2.6	162,259	52,626	35,111	0.7	24,271	10,840	14,154	1.9	10,509	3,555
Ireland.....	706,740	8.6	179,257	527,483	369,020	7.6	78,607	290,413	111,597	15.3	27,471	84,126
Italy.....	226,150	2.8	146,824	79,326	55,123	1.1	38,234	16,889	55,206	7.6	38,277	16,929
Mexico.....	1,212	(1)	905	307	11,296	0.2	10,696	600	338	(1)	203	135
Netherlands (Holland).....	153,496	1.9	59,661	93,835	54,961	1.1	21,010	33,951	1,528	0.2	629	899
Norway.....	246,136	3.0	99,190	146,946	543,681	11.3	198,785	344,896	3,101	0.4	1,468	1,633
Portugal.....	1,431	(1)	505	926	203	(1)	89	114	314	(1)	143	171
Roumania.....	11,894	0.1	9,945	1,949	7,012	0.1	5,401	1,611	1,479	0.2	1,055	424
Russia.....	424,124	5.2	274,993	149,131	232,940	4.8	118,682	114,258	82,203	11.3	49,141	33,062
Scotland.....	132,743	1.6	48,712	84,031	73,652	1.5	21,814	51,838	21,692	3.0	7,143	14,549
Spain.....	1,100	(1)	603	497	1,060	(1)	678	382	6,704	0.9	4,954	1,810
Sweden.....	365,310	4.5	178,138	187,172	491,949	10.2	213,530	278,419	6,062	0.8	2,981	3,081
Switzerland.....	93,897	1.1	33,229	60,668	56,971	1.2	19,171	37,800	5,178	0.7	2,071	3,107
Turkey in Asia.....	10,170	0.1	7,887	2,283	5,425	0.1	3,873	1,552	3,987	0.5	2,770	1,217
Turkey in Europe.....	7,936	0.1	7,411	525	3,252	0.1	3,049	203	1,845	0.3	1,650	196
Wales.....	58,348	0.7	18,258	40,090	28,129	0.6	7,840	20,289	5,791	0.8	2,006	3,785
All other countries.....	16,265	0.2	8,478	7,787	12,467	0.3	5,449	7,018	3,648	0.5	1,784	1,864
Of mixed foreign parentage <sup>2</sup> .....	287,385	3.5	.....	287,385	180,096	3.7	.....	180,096	23,168	3.2	.....	23,168

<sup>1</sup> Less than one-tenth of 1 per cent.<sup>2</sup> Except Porto Rico.<sup>3</sup> Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.



## COUNTRY OF ORIGIN.

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## FOREIGN WHITE STOCK BY COUNTRY OF ORIGIN, BY DIVISIONS: 1910—Continued.

COUNTRY OF ORIGIN.	EAST SOUTH CENTRAL.				WEST SOUTH CENTRAL.				MOUNTAIN.				PACIFIC.			
	Total foreign white stock.		For- eign born white.	Native white of for- eign or mixed parent- age.	Total foreign white stock.		For- eign born white.	Native white of for- eign or mixed parent- age.	Total foreign white stock.		For- eign born white.	Native white of for- eign or mixed parent- age.	Total foreign white stock.		For- eign born white.	Native white of for- eign or mixed parent- age.
	Num- ber.	Per cent.			Number.	Per cent.			Number.	Per cent.			Number.	Per cent.		
All foreign countries..	301,834	100.0	86,857	214,977	954,042	100.0	348,759	605,283	1,053,831	100.0	436,910	616,921	1,915,103	100.0	861,448	1,053,655
Austria.....	5,461	1.8	2,989	2,472	67,376	7.1	27,318	40,058	49,228	4.7	32,325	16,903	52,081	2.7	35,148	16,933
Belgium.....	364	0.1	162	202	1,808	0.2	921	887	1,634	0.2	980	654	5,119	0.3	3,264	1,855
Bulgaria, Servia, and Montenegro.....	247	0.1	196	51	468	(1)	395	73	4,848	0.5	4,720	128	3,738	0.2	3,592	146
Canada—French.....	1,028	0.3	331	697	3,542	0.4	1,045	2,497	13,509	1.3	5,276	8,233	20,567	1.1	7,966	12,541
Canada—Other.....	7,709	2.6	3,096	4,613	22,277	2.3	7,509	14,768	73,239	6.9	30,896	42,343	190,059	9.9	88,216	101,843
Cuba and other West Indies <sup>1</sup> .....	324	0.1	157	167	1,360	0.1	523	837	286	(1)	152	134	1,198	0.1	675	523
Denmark.....	1,305	0.4	557	748	5,922	0.6	2,254	3,668	48,377	4.6	17,230	31,147	48,346	2.5	25,227	23,118
England.....	26,220	8.7	7,776	18,444	53,203	5.6	15,014	38,189	171,028	16.2	54,349	116,679	184,678	9.6	76,075	108,603
Finland.....	320	0.1	165	155	466	(1)	310	156	14,078	1.3	9,151	4,927	29,960	1.6	19,608	10,352
France.....	6,888	2.3	1,829	5,059	29,549	3.1	8,242	21,307	9,981	0.9	4,264	5,717	40,382	2.1	20,889	19,493
Germany.....	125,572	41.6	28,516	97,056	275,451	28.9	69,737	205,714	134,967	12.8	42,897	92,070	347,219	18.1	123,644	223,575
Greece.....	1,642	0.5	1,397	245	2,192	0.2	1,762	430	13,438	1.3	13,266	172	16,385	0.9	15,650	735
Hungary.....	2,570	0.9	1,742	828	3,454	0.4	1,956	1,498	6,402	0.6	4,296	2,106	7,897	0.4	5,621	2,276
Ireland.....	51,346	17.0	10,123	41,223	59,331	6.2	11,985	47,346	93,997	8.9	26,872	66,825	212,178	11.1	67,648	144,530
Italy.....	14,838	4.9	8,181	6,657	63,645	6.7	31,686	31,959	50,562	4.8	34,432	16,130	126,013	6.6	82,250	43,763
Mexico.....	340	0.1	209	131	237,893	24.9	127,984	109,909	78,029	7.4	45,159	32,870	51,544	2.7	33,771	17,773
Netherlands (Holland).....	1,031	0.3	379	652	2,435	0.3	912	1,523	7,223	0.7	3,607	3,556	10,909	0.6	5,079	5,830
Norway.....	1,161	0.4	499	662	6,493	0.7	2,505	3,988	32,136	3.0	15,126	17,010	83,305	4.3	45,158	38,147
Portugal.....	39	(1)	7	32	454	(1)	171	283	764	0.1	519	245	52,369	2.7	22,775	29,594
Roumania.....	456	0.2	317	139	574	0.1	435	139	902	0.1	724	178	2,092	0.1	1,588	504
Russia.....	14,118	4.7	8,152	5,966	29,799	3.1	14,108	15,691	30,389	2.9	18,592	11,797	53,965	2.8	32,889	21,076
Scotland.....	8,736	2.9	2,503	6,233	14,933	1.6	4,151	10,782	42,087	4.0	15,142	26,945	56,843	3.0	24,181	32,662
Spain.....	745	0.2	201	544	3,582	0.4	1,613	1,969	3,680	0.3	3,143	537	7,544	0.4	5,063	2,481
Sweden.....	3,580	1.2	1,897	1,683	16,498	1.7	6,460	10,038	73,329	7.0	35,482	37,847	120,748	6.3	68,504	52,244
Switzerland.....	7,872	2.6	2,748	5,124	10,386	1.1	3,767	6,619	16,187	1.5	6,970	9,217	43,396	2.3	21,819	21,577
Turkey in Asia.....	2,030	0.7	1,392	638	3,787	0.4	2,615	1,172	1,729	0.2	1,243	486	6,144	0.3	4,327	1,817
Turkey in Europe.....	394	0.1	282	112	818	0.1	612	206	1,379	0.1	1,320	59	2,304	0.1	2,093	211
Wales.....	2,433	0.8	729	1,704	3,097	0.3	896	2,201	19,810	1.9	6,157	13,653	13,804	0.7	4,975	8,829
All other countries.....	1,434	0.5	625	809	4,253	0.4	1,873	2,380	4,822	0.5	2,560	2,262	24,586	1.3	13,753	10,833
Of mixed foreign parent- age <sup>2</sup> .....	11,621	3.9	.....	11,621	28,996	3.0	.....	28,996	56,091	5.3	.....	56,091	99,790	5.2	.....	99,790

<sup>1</sup> Less than one-tenth of 1 per cent.<sup>2</sup> Except Porto Rico.<sup>3</sup> Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.







## COUNTRY OF ORIGIN.\*

205

UNITED STATES AND DIVISIONS, 1890-1910, AND BY STATES, 1910 AND 1900.

PERSONS BORN IN—																				
	Greece.	Hun- gary.	Ireland.	Italy.	Japan.	Mexico.	Nether- lands (Hol- land).	Norway.	Portu- gal.	Rouma- nia. <sup>6</sup>	Russia. <sup>7</sup>	Scot- land.	Spain.	Sweden.	Switzer- land.	Tur- key in Asia. <sup>8</sup>	Tur- key in Europe. <sup>8</sup>	Wales.	All other coun- tries. <sup>1</sup>	
1	101,282	495,609	1,352,251	1,343,125	67,744	221,915	120,063	403,877	59,360	65,923	1,602,782	261,076	22,108	665,207	124,848	59,729	32,230	82,488	71,558	
2	8,515	145,714	1,615,459	484,027	24,788	103,392	94,931	336,388	30,608	15,032	578,102	233,524	7,050	582,014	115,593	115,593	9,910	93,586	80,030	
3	1,887	62,435	1,871,509	182,580	2,292	77,853	81,828	322,665	15,996	.....	182,644	242,231	6,185	478,041	104,069	.....	1,839	100,079	200,813	
4	16,784	16,907	334,489	179,430	261	138	2,144	8,448	33,916	2,054	192,699	48,421	1,160	70,777	3,716	19,240	7,663	3,702	19,105	
5	2,102	6,928	387,570	61,297	129	76	1,278	5,244	16,701	486	63,357	42,157	453	59,415	3,181	.....	3,577	3,909	13,191	
6	83	1,624	412,846	16,829	108	141	817	3,927	4,239	.....	11,795	38,806	440	35,321	2,344	.....	458	3,603	13,823	
7	15,893	267,951	615,759	783,769	1,537	803	26,581	32,684	1,030	44,403	893,508	88,995	4,615	87,719	31,348	16,360	8,147	37,921	14,157	
8	2,153	99,474	726,306	290,708	512	518	20,312	16,230	548	12,286	325,067	78,459	1,948	74,175	26,955	.....	3,102	43,952	21,875	
9	521	43,916	828,270	101,792	285	510	16,942	12,157	435	.....	81,101	80,576	1,964	51,935	21,864	.....	664	47,478	65,079	
10	17,916	162,261	179,296	146,828	475	929	59,661	99,192	508	9,945	274,993	48,716	614	178,140	33,230	7,888	7,411	18,259	8,534	
11	2,062	26,534	238,613	44,521	155	807	52,215	100,159	337	540	78,817	47,065	433	170,923	34,795	.....	771	22,122	15,908	
12	358	10,116	287,815	16,571	123	356	47,095	104,626	407	.....	27,727	51,250	317	141,291	32,406	.....	146	22,997	78,115	
13	13,989	24,272	78,614	38,238	990	10,827	21,010	198,786	89	5,401	118,683	21,817	680	213,531	19,171	3,879	3,049	7,840	5,575	
14	202	6,396	111,192	10,564	240	327	16,560	185,413	55	1,180	65,605	25,058	462	207,946	21,055	.....	550	9,615	7,855	
15	46	3,734	145,904	5,266	26	329	14,214	179,221	108	.....	42,180	30,399	389	194,580	22,009	.....	177	11,406	19,398	
16	4,630	10,600	27,485	38,284	149	242	630	1,469	204	1,055	49,149	7,145	4,985	2,984	2,076	2,771	1,651	2,007	2,046	
17	673	2,104	36,009	10,509	36	195	538	998	120	218	20,478	6,470	1,279	2,131	1,054	.....	216	1,810	2,805	
18	167	1,153	48,003	4,894	54	207	341	660	151	.....	5,900	7,144	621	1,797	1,815	.....	53	1,787	4,564	
19	1,397	1,742	10,124	8,183	26	226	379	499	14	317	8,153	2,503	203	1,598	2,748	1,394	282	729	755	
20	213	814	16,302	3,608	13	139	271	408	17	68	3,848	2,756	170	1,350	3,216	.....	145	973	1,542	
21	76	515	23,411	2,242	9	128	233	262	27	.....	1,247	3,308	161	1,115	3,199	.....	19	1,419	1,975	
22	1,762	1,956	11,994	31,686	402	128,917	912	2,507	182	435	14,111	4,153	1,623	6,463	3,768	2,619	613	896	2,077	
23	264	1,016	15,338	22,550	28	71,752	494	1,748	166	68	7,346	3,430	892	5,684	3,335	.....	547	821	2,805	
24	191	351	19,787	10,072	22	52,001	299	1,545	209	.....	1,466	3,185	1,153	3,605	2,894	.....	73	569	4,631	
25	13,209	4,296	26,873	34,433	10,236	45,793	3,667	15,129	525	724	18,594	15,143	3,152	35,485	6,970	1,249	1,321	6,157	2,789	
26	314	1,271	27,584	14,295	5,120	21,367	1,292	8,388	317	70	4,639	12,756	407	28,549	5,626	.....	259	6,525	2,406	
27	61	480	29,645	7,422	35	16,887	656	5,960	336	.....	3,387	12,538	235	22,928	4,388	.....	37	6,910	2,153	
28	15,662	5,624	67,653	82,274	53,668	34,038	5,079	45,163	22,892	1,589	32,892	24,183	5,076	68,510	21,821	4,329	2,093	4,977	16,530	
29	532	1,177	55,948	25,915	18,555	8,212	1,971	17,409	12,347	116	8,954	15,373	1,006	31,841	15,476	.....	743	3,859	11,986	
30	384	546	75,828	17,492	1,630	7,294	1,231	14,307	10,084	.....	7,841	15,055	905	24,969	13,150	.....	212	3,910	11,075	
31	579	157	7,890	3,468	12	28	27	580	82	20	4,752	2,389	111	2,203	56	744	721	204	295	
32	7	29	10,159	1,334	10	3	22	509	53	.....	1,358	2,127	29	1,935	45	.....	84	199	540	
33	2,634	66	10,613	2,071	1	6	48	491	110	26	4,345	1,979	17	2,068	78	891	1,965	58	189	
34	44	84	13,547	1,947	1	3	21	295	29	1	1,044	2,019	5	2,032	96	.....	65	68	256	
35	113	539	4,940	4,594	3	6	25	102	79	17	2,455	2,615	351	1,331	214	189	31	1,043	112	
36	3	128	7,453	2,154	1	3	20	54	53	.....	615	2,049	53	1,020	98	.....	22	1,056	207	
37	11,413	1,990	222,867	85,056	150	71	1,597	5,432	26,437	858	117,261	28,416	549	39,502	1,341	12,546	3,392	1,513	16,402	
38	1,843	926	249,916	28,785	78	41	993	3,335	13,453	128	37,919	24,332	239	32,192	1,277	.....	2,896	1,680	9,155	
39	951	294	29,718	27,287	30	8	143	578	6,501	415	9,765	6,272	40	7,405	221	3,132	658	268	1,202	
40	84	69	35,501	8,972	14	4	69	342	2,545	110	3,278	5,455	23	6,072	166	.....	284	256	1,358	
41	1,074	13,855	58,458	56,954	65	19	304	1,265	707	718	54,121	6,750	92	18,208	1,806	1,738	696	616	905	
42	121	5,692	70,994	19,105	25	22	153	709	568	247	19,143	6,175	104	16,164	1,499	.....	226	650	1,680	
43	10,097	96,843	367,889	472,201	1,163	555	12,652	25,013	600	34,443	558,956	39,437	3,766	53,705	16,315	9,478	5,004	7,464	8,776	
44	1,573	37,168	425,553	182,248	392	353	9,414	12,601	362	10,549	202,957	33,862	1,614	42,708	13,678	.....	1,915	7,304	10,095	
45	1,575	47,610	82,758	115,446	193	97	12,698	5,351	145	2,208	93,567	17,512	495	10,547	7,549	2,396	389	1,202	2,104	
46	115	14,913	94,844	41,865	67	55	10,261	2,296	62	478	28,398	14,211	145	7,337	6,570	.....	636	1,195	3,654	
47	4,221	123,498	165,109	196,122	181	153	1,231	2,320	225	7,752	240,985	32,046	354	23,467	7,484	4,486	2,754	29,255	3,277	
48	465	47,393	205,909	66,655	53	110	637	1,393	124	1,269	93,712	30,386	189	24,130	6,707	.....	551	35,453	7,526	
49	2,555	85,881	40,062	41,620	70	85	2,278	1,110	182	3,974	48,756	10,705	123	5,522	10,988	2,031	1,945	9,377	1,561	
50	213	16,463	55,018	11,321	28	53	1,719	639	117	100	14,542	9,327	44	3,951	12,007	.....	164	11,481	2,236	
51	1,370	14,370	11,266	6,911	41	47	2,													



## FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, FOR THE

Table 14—Continued.		Total foreign born.	PERSONS BORN IN—											
DIVISION OR STATE AND CENSUS YEAR.	Austria.		Bel- gium.	Bulga- ria, Ser- via, and Monte- negro. <sup>1</sup>	Canada. <sup>2</sup>		China.	Cuba and other West Indies. <sup>3</sup>	Den- mark.	England.	Fin- land.	France.	Germany.	
					French.	Other.								
WEST NORTH CENTRAL—Contd.														
South Dakota:														
1910.....	100,790	5,372	237	501	998	5,012	98	17	6,294	4,024	1,381	252	21,544	
1900.....	88,508	3,263	126	.....	1,138	5,906	150	10	5,038	3,862	1,175	262	18,172	
Nebraska:														
1910.....	176,662	24,362	491	183	674	6,661	89	47	13,674	8,009	79	639	57,302	
1900.....	177,347	21,188	272	.....	1,039	8,010	190	31	12,531	9,757	37	876	66,811	
Kansas:														
1910.....	135,450	12,094	1,703	118	1,087	6,101	16	74	2,760	11,262	49	2,657	34,508	
1900.....	126,685	6,636	985	.....	1,485	7,053	38	37	2,914	13,283	44	2,012	39,689	
SOUTH ATLANTIC.														
Delaware:														
1910.....	17,492	992	8	1	63	441	29	34	52	1,558	9	170	2,573	
1900.....	13,810	227	9	.....	41	257	51	33	43	1,506	23	148	2,771	
Maryland:														
1910.....	104,944	8,254	59	31	110	1,320	299	453	237	5,211	47	552	36,657	
1900.....	93,934	4,809	40	.....	87	1,143	492	309	177	5,299	28	534	45,865	
District of Columbia:														
1910.....	24,902	459	41	10	109	1,052	270	243	176	2,638	21	511	5,179	
1900.....	20,119	201	32	.....	97	809	417	134	88	2,299	14	389	5,868	
Virginia:														
1910.....	27,057	1,281	48	10	104	1,256	126	233	240	3,687	50	300	4,228	
1900.....	19,461	535	19	.....	104	1,026	238	107	128	3,425	36	316	4,510	
West Virginia:														
1910.....	57,218	8,360	800	100	88	784	62	46	67	3,511	127	535	6,327	
1900.....	22,451	1,143	79	.....	72	639	47	12	60	2,622	6	298	6,670	
North Carolina:														
1910.....	6,092	139	5	2	29	514	61	43	36	940	18	114	1,074	
1900.....	4,492	31	16	.....	36	444	44	37	36	904	3	95	1,198	
South Carolina:														
1910.....	6,179	222	97	1	39	243	46	59	51	517	42	70	1,744	
1900.....	5,528	92	10	.....	31	173	61	57	55	474	9	84	2,082	
Georgia:														
1910.....	15,477	349	27	6	70	731	174	226	112	1,671	49	224	3,029	
1900.....	12,403	230	25	.....	80	679	184	157	88	1,514	10	249	3,435	
Florida:														
1910.....	40,633	228	50	14	151	1,577	156	17,056	295	3,078	89	285	2,446	
1900.....	23,832	116	18	.....	88	1,114	118	11,654	204	2,231	42	262	1,816	
EAST SOUTH CENTRAL.														
Kentucky:														
1910.....	40,162	1,032	73	77	98	972	34	42	78	2,619	18	645	19,351	
1900.....	50,249	543	77	.....	136	1,072	46	28	77	3,256	6	983	27,585	
Tennessee:														
1910.....	18,607	637	27	11	91	1,065	40	71	163	2,045	21	305	3,903	
1900.....	17,746	321	26	.....	119	926	66	46	117	2,207	16	332	4,589	
Alabama:														
1910.....	19,286	904	45	106	96	737	44	230	197	2,365	38	592	3,603	
1900.....	14,592	390	45	.....	89	617	54	134	96	2,347	28	539	3,642	
Mississippi:														
1910.....	9,770	417	17	2	46	404	195	156	119	777	88	291	1,666	
1900.....	7,981	260	24	.....	75	345	206	45	86	798	28	365	1,928	
WEST SOUTH CENTRAL.														
Arkansas:														
1910.....	17,046	1,268	111	17	119	955	44	27	178	1,519	15	387	5,815	
1900.....	14,289	851	14	.....	161	932	50	22	135	1,394	3	387	6,074	
Louisiana:														
1910.....	52,766	1,597	292	25	250	941	346	630	239	2,086	118	5,345	8,926	
1900.....	52,903	798	315	.....	253	781	554	543	216	2,068	73	6,500	11,866	
Oklahoma:														
1910.....	40,442	3,889	191	115	320	2,551	127	65	550	2,981	18	749	10,090	
1900.....	20,538	1,897	97	.....	227	1,580	59	19	259	1,900	2	516	5,999	
Texas:														
1910.....	241,938	20,570	328	240	356	3,178	492	359	1,289	8,498	160	1,821	44,929	
1900.....	179,357	16,696	244	.....	400	2,549	767	243	1,089	8,213	113	2,025	49,859	
MOUNTAIN.														
Montana:														
1910.....	94,713	8,350	235	2,155	2,874	10,968	1,098	39	1,943	8,981	4,111	639	8,669	
1900.....	67,067	3,786	145	.....	3,516	10,310	1,675	18	1,041	8,077	2,103	539	7,192	
Idaho:														
1910.....	42,578	1,561	94	576	796	4,575	773	13	2,254	4,983	652	333	5,049	
1900.....	24,004	377	42	.....	395	2,528	1,411	10	1,626	3,943	292	194	2,987	
Wyoming:														
1910.....	29,020	3,966	82	331	143	1,288	204	38	962	2,985	1,380	316	2,638	
1900.....	17,415	1,132	29	.....	150	1,098	424	8	884	2,596	1,220	183	2,157	
Colorado:														
1910.....	129,587	13,043	375	609	789	8,792	320	99	2,756	12,628	1,239	1,374	17,071	
1900.....	91,155	6,381	170	.....	960	8,837	581	71	2,050	13,575	844	1,162	14,666	
New Mexico:														
1910.....	23,146	1,233	44	167	111	912	202	25	116	1,101	26	326	1,746	
1900.....	13,625	376	25	.....	84	680	314	9	57	968	29	298	1,365	
Arizona:														
1910.....	48,765	1,483	50	371	177	1,650	1,016	37	284	3,500	560	323	1,846	
1900.....	24,253	318	33	.....	153	1,116	1,296	17	199	1,661	32	253	1,247	
Utah:														
1910.....	65,822	1,870	74	346	114	1,576	311	9	8,300	18,083	1,012	303	3,963	
1900.....	53,777	272	29	.....	128	1,203	544	6	9,132	18,879	734	220	2,365	
Nevada:														
1910.....	19,091	822	26	178	272	1,575	760	16	616	1,793	174	633	1,916	
1900.....	10,093	102	9	.....	222	810	1,279	2	339	1,167	51	303	1,182	
PACIFIC.														
Washington:														
1910.....	256,241	12,745	1,228	1,647	3,711	35,771	2,301	175	7,804	19,430	8,719	2,340	29,388	
1900.....	111,364	2,788	340	.....	1,899	18,385	3,402	67	3,626	10,481	2,732	1,065	16,831	
Oregon:														
1910.....	113,136	5,241	573	1,095	1,146	11,263	6,468	68	3,215	7,998	4,734	1,159	17,958	
1900.....	65,748	1,139	298	.....	874	6,634	9,367	31	1,663	5,063	2,131	775	13,327	
California:														
1910.....	586,432	17,165	1,464	880	3,109	41,568	27,764	854	14,209	48,703	6,159	17,497	76,307	
1900.....	367,240	5,932	785	.....	2,410	27,408	40,262	465	9,040	35,746	2,763	12,256	72,636	

<sup>1</sup> Included under "All other countries" for 1900.  
<sup>2</sup> Included Newfoundland for 1900.

<sup>3</sup> Except Porto Rico.  
<sup>4</sup> Turkey in Asia included with Turkey in Europe for 1900.



## COUNTRY OF ORIGIN.

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UNITED STATES AND DIVISIONS, 1890-1910, AND BY STATES, 1910 AND 1900—Continued.

PERSONS BORN IN—																				
	Greece.	Hun- gary.	Ireland.	Italy.	Japan.	Mexico.	Nether- lands (Holl- land).	Norway.	Portu- gal.	Rouma- nia.	Russia.	Scot- land.	Spain.	Sweden.	Switz- erland.	Tur- key in Asia. <sup>4</sup>	Tur- key in Eu- rope. <sup>4</sup>	Wales.	All other coun- tries. <sup>5</sup>	
1	231	594	2,980	1,158	38	15	2,656	20,918	2	55	13,189	1,102	5	9,998	800	246	238	503	332	
2	3	421	3,298	360	1	13	1,566	19,788	2	40	12,492	1,153	3	8,647	585	.....	48	549	437	
3	3,499	1,453	8,124	3,799	583	290	872	2,750	7	295	13,030	2,242	21	23,219	2,150	572	247	824	525	
4	23	461	11,127	752	9	27	885	2,883	6	24	8,484	2,773	182	24,693	2,340	.....	55	922	959	
5	1,410	1,078	8,100	3,530	111	8,429	906	1,294	9	67	15,311	3,591	282	13,309	2,853	287	287	1,615	562	
6	17	650	11,516	987	2	71	875	1,477	20	81	11,451	4,219	39	15,144	3,337	.....	37	2,005	581	
7	34	247	3,985	2,893	4	2	20	38	1	39	3,429	344	5	332	78	10	9	34	58	
8	12	86	5,044	1,122	1	2	69	49	2	11	1,348	341	4	302	59	.....	2	43	204	
9	463	2,089	9,705	6,969	23	10	203	363	37	220	27,537	1,955	84	421	452	80	44	583	476	
10	95	323	13,874	2,449	9	26	220	246	20	26	13,574	2,128	34	347	320	.....	21	674	765	
11	342	155	5,347	2,761	44	26	64	149	2	41	3,393	705	51	359	281	139	41	87	206	
12	34	48	6,230	930	11	38	42	101	6	2	913	574	31	234	244	.....	39	82	222	
13	721	1,784	2,450	2,440	14	12	99	311	85	72	4,379	1,246	69	368	246	484	144	225	336	
14	59	607	3,534	781	12	18	72	123	29	15	1,345	1,162	35	218	229	.....	79	267	432	
15	787	5,939	2,292	17,292	4	10	60	38	3	259	5,143	1,088	464	279	600	726	420	880	127	
16	108	810	3,342	2,921	.....	7	22	19	.....	1	1,038	855	5	132	696	.....	20	482	345	
17	174	37	306	521	2	10	28	39	20	7	711	435	8	112	68	402	107	35	95	
18	14	8	371	201	1	4	17	21	8	6	282	320	6	68	77	.....	16	20	208	
19	282	40	676	316	7	2	19	82	3	9	786	239	14	95	36	263	43	11	125	
20	62	19	1,131	180	.....	2	6	49	6	6	398	239	15	65	36	.....	4	8	174	
21	941	230	1,655	545	5	25	52	145	23	85	3,224	527	91	289	169	376	99	89	239	
22	191	166	2,293	218	1	14	38	155	12	36	1,350	417	65	204	180	.....	21	65	326	
23	886	79	1,069	4,538	46	145	85	304	30	323	547	606	4,199	729	146	291	744	63	384	
24	98	37	797	1,707	1	84	52	235	37	115	230	434	1,084	561	113	.....	14	169	401	
25	273	725	5,914	1,316	11	28	140	53	3	100	3,222	641	24	190	1,653	369	55	222	184	
26	24	146	9,874	679	3	19	136	34	1	22	1,658	793	21	222	1,929	.....	17	337	525	
27	374	376	2,296	2,034	8	45	78	89	2	77	2,484	561	26	363	800	159	20	252	184	
28	38	296	3,372	1,222	4	29	52	141	4	7	1,156	544	14	337	1,004	.....	34	300	427	
29	633	585	1,167	2,696	5	81	127	266	4	108	1,531	1,120	74	753	213	389	128	230	219	
30	129	332	1,702	862	6	43	42	159	8	16	564	1,223	59	488	200	.....	66	306	316	
31	117	56	747	2,137	2	72	34	91	5	32	916	181	79	292	82	477	79	25	168	
32	22	40	1,264	845	.....	48	41	74	4	23	470	196	76	303	83	.....	28	30	274	
33	179	285	1,079	1,699	9	132	145	76	1	38	760	442	9	385	804	169	45	148	186	
34	6	97	1,345	576	.....	68	69	54	.....	3	340	342	7	355	679	.....	1	113	211	
35	237	397	3,757	20,233	30	1,025	113	295	73	111	1,805	455	719	344	421	949	196	82	729	
36	84	148	6,436	17,431	12	488	78	189	94	16	802	399	583	359	523	.....	290	126	878	
37	590	348	1,801	2,564	47	2,744	230	351	19	27	5,807	1,218	47	1,028	770	376	135	365	329	
38	5	178	1,384	601	.....	134	85	149	10	4	3,128	737	22	582	424	.....	40	269	231	
39	756	926	5,357	7,190	316	125,016	424	1,785	89	259	5,739	2,038	848	4,706	1,773	1,125	237	201	838	
40	169	593	6,173	3,942	16	71,062	262	1,536	62	45	3,076	1,952	280	4,388	1,709	.....	216	313	1,545	
41	1,905	1,486	9,469	6,592	1,566	67	1,054	7,170	31	266	2,228	3,373	49	6,412	988	201	491	884	419	
42	20	274	9,436	2,199	2,427	47	316	3,354	34	28	507	2,422	20	5,346	796	.....	157	935	347	
43	1,843	202	1,782	2,067	1,330	133	261	2,566	49	19	743	1,282	1,047	4,985	1,319	73	129	722	367	
44	9	37	1,633	779	1,305	28	50	1,173	35	1	149	796	77	2,822	1,017	.....	8	732	148	
45	1,915	437	1,359	1,961	1,575	188	79	623	50	57	763	1,812	120	2,497	251	151	262	419	168	
46	230	287	1,591	781	397	58	18	378	12	2	119	1,253	5	1,727	199	.....	393	84	84	
47	2,272	1,632	8,710	14,375	2,245	2,602	710	1,787	43	334	13,618	4,269	177	12,446	1,767	333	217	1,989	666	
48	37	574	10,132	6,818	51	274	260	1,149	28	35	3,403	4,069	41	10,765	1,479	.....	33	1,955	755	
49	167	209	644	1,959	254	11,918	86	151	10	6	228	509	100	365	172	123	17	93	126	
50	1	41	692	661	9	6,649	99	33	6	2	137	427	27	244	123	.....	13	105	151	
51	77	115	1,550	1,531	361	29,987	41	272	29	16	311	576	857	845	314	128	44	210	204	
52	10	22	1,159	699	284	14,172	23	123	18	1	119	399	51	342	199	.....	29	136	222	
53	4,089	171	1,657	3,117	2,060	166	1,392	2,305	8	18	568	2,853	24	7,227	1,691	215	146	1,672	542	
54	3	33	1,516	1,062	419	41	523	2,128	8	1	154	3,143	8	7,025	1,469	.....	18	2,141	573	
55	1,051	44	1,702	2,831	855	732	44	255	305	8	135	469	778	708	468	25	15	168	297	
56	4	3	1,425	1,296	228	98	3	50	175	.....	42	247	178	278	344	.....	1	128	126	
57	4,187	1,160	10,180	13,121	12,177	145	2,157	28,368	179	211	10,961	7,101	385	32,199	3,447	423	728	1,976	1,877	
58	65	222	7,262	2,124	5,769	73	632	9,891	137	19	2,728	3,623	54	12,737	1,825	.....	65	1,509	953	
59	3,555	1,160	4,995	5,538	3,277	199	618	6,843	174	258	5,521	3,387	462	10,099	3,853	197	553	585	1,144	
60	95	156	4,210	1,014	2,522	53	324	2,789	142	24	1,973	2,283	56	4,555	2,677	.....	29	401	543	
61	7,920	3,304	52,478	63,615	38,214	33,694	2,304	9,952	22,539	1,120	16,610	13,695	4,229	26,212	14,521	3,709	812	2,416	13,490	
62	372	799	44,476	22,777	10,264	8,086	1,015	5,060	12,068	73	4,253	9,467	896	14,549	10,974	.....	649	1,949	9,810	

\* Included persons in 1900 reported as born in Poland, without specification as to whether German, Austrian, or Russian Poland.



## ABSTRACT OF THE CENSUS—POPULATION.

## NATIVE WHITE POPULATION OF FOREIGN OR MIXED PARENTAGE,

Table 15		Total native white persons of foreign or mixed parentage.	NATIVE WHITE PERSONS HAVING BOTH PARENTS BORN IN COUNTRY SPECIFIED, OR ONE PARENT SO BORN AND THE OTHER NATIVE.											
			Austria.	Belgium.	Bulgaria, Servia, and Montenegro.	Canada.		Cuba and other West Indies. <sup>1</sup>	Denmark.	England.	Finland.	France.	Germany.	Greece.
						French.	Other.							
	DIVISION AND STATE.													
1	United States.....	18,897,837	826,635	39,867	1,234	547,155	1,011,390	18,673	218,443	1,445,987	81,357	175,153	5,781,437	8,401
GEOGRAPHIC DIVISIONS:														
2	New England.....	2,052,709	37,544	895	63	331,085	249,284	936	6,514	165,159	7,239	8,068	106,684	1,367
3	Middle Atlantic.....	5,591,312	319,921	5,826	291	49,134	127,770	4,797	15,701	447,114	4,640	43,161	1,467,961	2,116
4	East North Central.....	5,108,434	239,065	23,298	337	98,641	310,212	595	49,730	333,854	32,600	44,426	2,250,680	2,029
5	West North Central.....	3,214,703	140,691	5,686	123	43,127	151,117	438	86,557	176,200	21,120	23,182	1,174,651	642
6	South Atlantic.....	439,843	13,048	564	22	1,200	9,440	10,246	1,259	41,735	168	4,740	163,046	665
7	East South Central.....	214,977	2,472	202	51	697	4,613	167	748	18,454	155	5,059	97,056	245
8	West South Central.....	605,283	40,058	887	73	2,497	14,768	837	3,668	38,189	156	21,307	205,714	430
9	Mountain.....	616,921	16,903	654	128	8,233	42,343	134	31,147	116,679	4,927	5,717	92,070	172
10	Pacific.....	1,053,655	16,933	1,855	146	12,541	101,843	523	23,119	108,603	10,352	19,493	223,575	735
NEW ENGLAND:														
11	Maine.....	134,955	389	20	19	40,494	49,884	52	1,055	6,927	383	321	2,004	53
12	New Hampshire.....	193,117	990	34	.....	40,489	19,966	28	124	6,478	636	199	2,487	88
13	Vermont.....	75,055	436	22	2	25,876	16,037	10	142	3,959	174	270	1,349	18
14	Massachusetts.....	1,170,447	18,256	417	17	160,623	147,515	514	2,669	91,882	5,426	3,993	47,174	1,003
15	Rhode Island.....	194,646	2,950	213	3	39,127	7,538	156	261	25,909	165	669	6,564	102
16	Connecticut.....	374,489	14,523	189	22	24,476	8,344	176	2,263	30,004	455	2,616	47,106	103
MIDDLE ATLANTIC:														
17	New York.....	3,007,248	137,163	1,534	81	45,132	100,727	3,245	8,173	194,961	2,746	22,509	797,706	1,180
18	New Jersey.....	777,797	31,429	1,001	45	1,572	8,813	693	4,611	71,744	619	6,799	210,756	307
19	Pennsylvania.....	1,806,267	151,329	3,291	165	2,430	18,230	859	2,917	180,409	1,275	13,853	459,499	629
EAST NORTH CENTRAL:														
20	Ohio.....	1,024,393	52,713	1,171	165	5,051	26,009	139	1,958	84,777	3,313	14,026	498,704	399
21	Indiana.....	350,551	6,005	1,907	21	2,214	8,552	45	1,274	24,886	100	6,699	202,021	108
22	Illinois.....	1,723,847	117,824	5,459	90	16,137	48,299	264	16,151	108,063	792	13,791	695,226	1,148
23	Michigan.....	964,882	19,488	4,822	21	54,826	193,985	100	8,486	77,599	24,404	6,249	293,170	148
24	Wisconsin.....	1,044,761	43,035	9,939	40	20,413	33,367	47	21,861	38,529	3,991	3,661	561,559	226
WEST NORTH CENTRAL:														
25	Minnesota.....	941,136	38,058	1,604	53	24,145	45,270	52	21,387	24,370	17,826	3,022	287,232	180
26	Iowa.....	632,181	23,919	857	17	3,192	25,660	88	23,780	46,639	51	4,500	261,247	154
27	Missouri.....	518,201	13,567	911	16	2,175	13,269	190	2,527	34,662	64	8,202	279,287	161
28	North Dakota.....	251,236	6,051	290	2	4,760	25,747	4	6,848	6,253	1,424	629	43,195	20
29	South Dakota.....	217,491	7,884	347	6	2,900	11,204	30	8,669	10,851	1,694	851	61,250	11
30	Nebraska.....	362,353	38,449	364	6	2,117	15,135	39	18,889	22,585	46	1,748	144,412	55
31	Kansas.....	292,105	12,763	1,343	23	3,838	14,832	35	4,457	30,840	15	4,230	98,028	61
SOUTH ATLANTIC:														
32	Delaware.....	25,873	407	.....	.....	61	371	19	36	3,025	.....	262	4,993	16
33	Maryland.....	191,838	8,005	44	2	167	1,530	168	246	10,644	8	1,139	98,673	161
34	District of Columbia.....	45,066	351	33	4	184	1,388	95	149	5,061	6	558	13,119	73
35	Virginia.....	37,943	1,012	38	5	200	1,443	49	235	5,751	28	510	9,564	71
36	West Virginia.....	57,638	2,495	348	4	188	1,187	7	99	6,804	37	785	18,584	30
37	North Carolina.....	8,851	85	5	.....	66	601	21	41	1,706	20	179	2,274	29
38	South Carolina.....	11,137	194	11	.....	32	313	23	77	1,031	5	219	3,955	49
39	Georgia.....	25,672	309	40	1	124	954	122	105	3,216	16	583	6,838	145
40	Florida.....	35,825	190	45	6	178	1,653	9,742	271	4,497	48	505	5,046	91
EAST SOUTH CENTRAL:														
41	Kentucky.....	124,704	685	115	16	209	1,530	21	136	7,229	14	2,154	72,909	30
42	Tennessee.....	38,367	504	25	12	224	1,455	22	206	4,453	14	786	10,629	66
43	Alabama.....	32,417	758	31	23	165	1,044	60	233	4,619	37	1,148	8,528	126
44	Mississippi.....	19,489	525	31	.....	99	584	64	173	2,153	90	971	4,990	23
WEST SOUTH CENTRAL:														
45	Arkansas.....	36,608	1,289	72	21	308	1,652	20	270	4,195	15	1,003	14,790	36
46	Louisiana.....	112,717	1,287	439	10	455	1,553	638	517	5,681	69	14,609	32,300	142
47	Oklahoma.....	94,044	4,948	161	34	1,016	6,133	39	1,095	10,516	14	1,701	31,696	44
48	Texas.....	361,914	32,534	215	8	718	5,430	140	1,786	17,797	58	3,994	126,859	208
MOUNTAIN:														
49	Montana.....	106,809	4,471	159	26	3,730	12,430	16	1,998	11,756	2,512	746	17,999	29
50	Idaho.....	75,195	714	65	4	1,221	6,891	10	5,212	16,073	302	626	12,174	27
51	Wyoming.....	32,504	1,524	54	5	316	2,110	5	1,387	5,881	774	352	5,496	22
52	Colorado.....	181,428	8,292	279	41	1,742	12,797	69	2,955	23,722	618	2,280	38,811	48
53	New Mexico.....	26,331	474	26	3	293	1,330	10	166	2,294	.....	487	4,397	3
54	Arizona.....	42,176	451	35	18	233	1,868	14	418	3,774	139	375	3,810	11
55	Utah.....	131,527	758	19	25	349	3,026	4	18,311	49,934	523	480	5,965	23
56	Nevada.....	20,951	219	17	6	349	1,891	6	700	3,245	59	371	3,418	9
PACIFIC:														
57	Washington.....	282,528	6,186	577	25	5,667	39,003	60	7,274	27,065	4,539	2,704	58,096	139
58	Oregon.....	135,238	2,332	598	25	1,917	15,366	39	3,558	14,717	2,977	1,566	35,402	116
59	California.....	635,889	8,415	770	96	4,957	47,474	424	12,287	66,821	2,836	15,223	130,077	480

¹ Except Porto Rico.



## COUNTRY OF ORIGIN.

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BY COUNTRY OF ORIGIN, BY DIVISIONS AND STATES: 1910.

NATIVE WHITE PERSONS HAVING BOTH PARENTS BORN IN COUNTRY SPECIFIED, OR ONE PARENT SO BORN AND THE OTHER NATIVE—continued.																		Persons of mixed foreign parent- age.*
Hun- gary.	Ireland.	Italy.	Mexico.	Nether- lands (Hol- land).	Norway.	Portu- gal.	Rou- mania.	Russia.	Scot- land.	Spain.	Sweden.	Switzer- land.	Tur- key in Asia.	Tur- key in Eu- rope.	Wales.	All other coun- tries.		
1	204,627	3,152,205	755,290	162,200	173,521	575,241	53,499	21,801	938,897	398,629	11,157	699,032	176,816	18,929	3,093	166,468	53,608	1,177,092
2	9,109	643,877	97,933	65	1,771	4,920	21,268	767	98,921	49,327	609	55,697	2,905	5,140	587	4,523	12,479	127,973
3	121,789	1,306,382	445,704	410	31,504	17,039	866	16,090	488,995	122,262	2,328	72,551	29,799	4,624	995	71,394	8,176	361,972
4	52,626	527,483	79,326	307	93,835	146,946	926	1,949	149,131	84,631	497	187,172	60,668	2,283	525	40,090	7,787	287,385
5	10,840	290,413	16,889	600	33,951	344,896	114	1,611	114,258	51,838	382	278,419	37,800	1,552	203	20,289	7,018	180,099
6	3,555	84,126	16,929	135	899	1,633	171	424	33,062	14,549	1,810	3,081	3,107	1,217	195	3,785	1,864	23,168
7	828	41,223	6,657	131	652	662	32	139	5,966	6,233	544	1,983	5,124	638	112	1,704	809	11,621
8	1,498	47,346	31,969	109,909	1,523	3,988	283	139	15,691	10,782	1,969	10,038	6,619	1,172	206	2,291	2,380	28,996
9	2,106	66,825	16,130	32,870	3,556	17,010	245	178	11,797	26,945	537	37,847	9,217	486	59	13,633	2,262	56,091
	2,276	144,530	43,763	17,773	5,830	38,147	29,594	504	21,076	32,662	2,481	52,244	21,577	1,817	211	8,829	10,833	99,790
11	70	17,009	1,120	3	45	506	114	6	2,415	2,712	66	2,105	62	293	52	347	278	6,101
12	43	19,976	871	2	35	361	43	8	1,546	2,329	19	1,488	85	249	38	67	110	4,328
13	93	14,687	2,023	3	35	73	40	1	1,166	2,758	77	1,090	98	83	46	1,159	93	3,235
14	1,133	410,160	45,521	37	1,289	2,938	15,986	252	59,239	27,071	326	28,908	1,067	3,259	351	1,715	10,805	80,901
15	158	58,490	15,578	6	99	339	4,325	172	5,123	6,154	32	5,810	148	760	48	387	672	12,688
16	7,612	123,505	32,820	14	268	703	760	328	29,432	8,303	89	16,296	1,445	496	52	848	521	20,720
17	44,486	723,263	266,867	239	15,251	12,392	511	12,662	289,372	51,249	1,817	36,532	13,241	2,361	556	12,264	4,261	204,767
18	21,089	177,743	76,405	74	14,805	3,001	81	1,029	53,117	20,587	231	7,801	6,211	756	77	2,082	1,337	52,982
19	56,214	465,376	102,432	97	1,448	1,646	274	2,399	146,506	50,426	280	28,218	10,347	1,507	362	57,048	2,578	104,223
20	30,254	126,791	20,712	80	3,592	922	189	534	27,393	19,429	105	5,533	22,959	600	219	22,129	1,388	53,139
21	4,252	41,942	2,229	44	3,240	662	22	76	4,966	7,098	61	6,720	7,460	294	32	2,592	716	14,293
22	12,907	236,983	44,525	119	18,002	35,525	646	1,076	78,944	32,857	245	114,709	12,998	592	119	7,546	3,151	99,659
23	2,601	60,981	7,893	42	54,560	9,136	29	159	22,045	15,525	50	30,563	4,411	514	81	1,573	1,424	69,997
24	2,612	60,786	3,967	22	14,441	100,701	40	104	15,763	9,122	36	29,647	12,840	283	74	6,250	1,108	50,297
25	2,978	56,916	3,339	39	5,392	174,304	18	673	12,736	8,282	49	145,591	5,589	261	41	2,909	1,092	56,828
26	849	74,259	1,714	44	17,411	44,978	12	77	3,512	13,702	48	39,432	7,459	144	35	6,142	2,090	30,169
27	3,043	75,346	8,134	161	1,944	1,080	18	397	12,861	8,786	151	7,873	11,066	423	38	3,258	1,108	27,483
28	1,813	9,203	103	3	1,202	77,347	7	383	30,276	2,422	9	14,640	1,157	249	16	559	225	16,429
29	468	14,419	445	12	4,022	39,828	6	17	19,824	3,080	4	13,294	1,650	96	18	1,560	474	12,577
30	689	29,538	1,041	29	2,219	4,957	25	57	11,865	6,288	43	35,267	4,217	292	34	2,258	512	19,177
31	1,000	30,732	2,113	312	1,761	2,402	28	7	23,184	9,278	78	22,322	6,662	87	21	3,603	617	17,433
32	129	10,054	1,636	2	22	27	3	12	1,999	553	21	293	64	10	3	116	73	1,666
33	700	29,998	4,200	18	295	308	43	74	19,433	4,889	93	470	493	30	20	1,439	554	7,994
34	95	13,963	1,792	14	109	169	7	14	2,340	1,312	62	303	324	84	7	248	171	3,031
35	699	7,087	1,020	11	168	386	33	55	3,228	1,933	45	353	309	300	46	317	235	2,262
36	1,632	10,848	3,897	1	71	41	3	21	2,151	2,236	91	320	1,303	289	69	1,329	102	2,646
37	20	1,095	249	7	34	41	13	17	628	762	16	106	115	127	13	66	99	416
38	31	2,646	232	4	15	59	7	5	661	555	32	88	51	116	14	18	102	592
39	184	5,889	428	16	90	141	16	41	2,254	1,217	105	349	256	173	14	143	205	1,698
40	45	2,596	2,875	62	95	461	46	185	368	1,092	1,345	799	192	88	9	109	323	2,863
41	133	23,773	1,229	24	324	79	7	42	2,395	1,807	41	252	2,924	131	18	616	264	5,597
42	359	8,848	1,725	30	148	153	8	21	1,757	1,352	42	518	1,597	75	10	599	183	2,546
43	300	4,892	1,981	51	107	282	10	58	1,103	2,401	170	755	376	185	31	456	198	2,289
44	36	3,710	1,722	26	73	148	7	18	711	673	291	458	227	247	53	33	164	1,189
45	270	4,491	953	93	235	126	2	14	654	1,255	28	550	1,151	51	13	405	232	2,414
46	304	15,105	22,678	645	195	344	171	23	1,380	1,365	1,693	592	905	467	66	191	678	8,146
47	352	10,191	1,505	489	527	857	11	8	8,778	3,363	33	2,001	1,720	188	54	940	337	5,293
48	572	17,559	6,823	108,682	566	2,661	99	94	4,879	4,799	215	6,895	2,843	466	73	665	1,133	13,143
49	656	18,962	1,409	36	962	6,773	10	25	1,215	3,538	22	5,392	1,036	84	3	1,436	241	9,137
50	67	5,537	560	41	378	3,510	83	1	769	3,173	134	6,000	2,039	37	1	2,434	328	6,834
51	170	3,877	528	148	92	626	8	12	334	2,418	14	2,053	403	11	12	810	113	2,949
52	998	24,387	9,815	787	1,024	2,247	46	120	8,809	7,419	128	12,968	2,217	170	26	3,428	502	14,683
53	72	2,078	868	10,030	121	180	8	.....	158	910	51	384	266	92	9	186	84	1,351
54	63	3,351	658	21,650	71	270	9	9	149	946	61	729	318	55	5	351	129	2,206
55	70	4,333	1,111	39	861	3,205	16	9	312	7,623	25	9,836	2,548	35	1	4,695	716	16,675
56	10	4,300	1,181	139	47	199	115	2	51	918	102	485	390	2	2	313	149	2,256
57	547	25,378	3,462	83	2,648	24,361	247	64	7,025	9,130	138	23,884	3,759	112	41	3,252	839	26,223
58	378	11,948	1,284	97	1,069	6,592	155	52	3,472	5,068	118	8,099	4,320	43	21	1,057	619	12,323
59	1,351	107,204	39,017	17,593	2,113	7,194	29,192	388	10,579	18,464	2,225	20,261	13,498	1,662	149	4,520	9,375	61,244

\* Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.



## FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, IN CITIES HAVING 250,000 INHABITANTS OR MORE: 1910 AND 1900.

Table 16	CITY.	Census year.	Total foreign born.	PERSONS BORN IN—													
				Austria.	Belgium.	Bulgaria, Servia, and Montenegro. <sup>1</sup>	Canada. <sup>2</sup>		China.	Cuba and other West Indies. <sup>3</sup>	Denmark.	England.	Finland.	France.	Germany.	Greece.	Hungary.
							French.	Other.									
Baltimore, Md.	1910	77,662	6,540	28	14	45	752	245	355	132	2,698	36	357	26,024	347	1,358	
	1900	68,600	3,816	25	.....	51	629	426	225	107	2,841	16	369	33,941	89	155	
Boston, Mass.	1910	243,365	2,413	682	36	3,098	47,802	819	1,070	1,031	13,671	455	1,081	8,701	1,497	426	
	1900	197,129	1,260	221	.....	2,908	47,374	1,065	456	675	13,174	221	1,003	10,739	281	330	
Buffalo, N. Y.	1910	118,689	9,284	37	10	566	16,868	57	45	200	7,070	58	684	43,815	220	2,442	
	1900	104,232	3,438	22	.....	733	16,509	99	36	148	6,908	15	791	49,812	46	215	
Chicago, Ill.	1910	783,428	132,063	2,665	515	4,633	26,688	1,335	393	11,484	27,912	1,191	3,036	182,289	6,564	28,938	
	1900	587,112	57,676	1,160	.....	5,307	29,472	1,179	226	10,166	29,308	416	2,989	203,733	1,493	4,946	
Cincinnati, Ohio.	1910	56,839	1,638	24	184	73	887	16	40	79	1,872	10	665	28,426	180	6,344	
	1900	57,961	752	38	.....	103	928	17	30	49	2,201	1	748	38,308	53	208	
Cleveland, Ohio.	1910	196,170	42,039	90	46	571	8,794	155	71	448	11,420	499	494	41,408	275	31,503	
	1900	124,631	18,981	26	.....	772	7,839	94	59	373	10,621	79	485	44,225	42	9,558	
Detroit, Mich.	1910	157,534	14,160	2,237	65	4,166	38,648	24	58	411	9,038	59	638	44,675	585	5,965	
	1900	96,503	2,157	671	.....	3,541	25,403	9	41	231	6,347	4	589	42,730	18	91	
Jersey City, N. J.	1910	77,987	4,978	173	7	107	1,010	132	212	346	4,632	681	596	16,131	179	1,084	
	1900	58,424	1,580	144	.....	134	907	213	94	319	4,462	116	648	17,838	20	136	
Los Angeles, Cal.	1910	66,133	2,510	213	116	592	7,686	1,481	119	1,096	7,581	261	1,916	9,684	361	820	
	1900	19,964	354	87	.....	214	2,683	1,885	43	239	3,017	10	993	4,032	20	60	
Milwaukee, Wis.	1910	111,529	11,553	86	64	218	1,671	39	31	619	2,086	110	251	64,816	1,104	5,571	
	1900	88,991	3,962	37	.....	217	1,687	20	21	514	2,134	29	263	68,909	26	381	
Minneapolis, Minn.	1910	86,099	6,075	63	235	1,637	5,905	92	24	2,030	2,799	875	293	8,650	463	1,176	
	1900	61,021	1,802	32	.....	1,706	5,637	20	9	1,473	2,289	348	207	7,550	55	581	
New Orleans, La.	1910	28,333	645	91	5	101	387	219	468	117	1,356	34	3,671	6,122	175	90	
	1900	30,325	409	77	.....	85	310	418	457	92	1,262	5	4,428	8,743	48	68	
New York, N. Y.	1910	1,944,357	190,246	2,260	540	2,844	23,476	3,936	16,415	7,997	78,453	7,410	18,293	278,137	8,038	76,627	
	1900	1,270,080	90,477	1,221	.....	2,827	19,399	6,080	5,867	5,621	68,836	3,733	14,755	324,224	1,309	31,516	
Newark, N. J.	1910	111,007	12,963	70	10	199	1,126	194	183	360	6,698	69	697	22,177	297	6,029	
	1900	71,363	4,795	26	.....	160	802	262	77	216	5,874	42	646	25,251	37	1,325	
Philadelphia, Pa.	1910	384,707	19,860	478	100	301	3,735	866	1,529	1,119	36,564	226	2,639	61,480	589	12,495	
	1900	295,340	6,394	378	.....	294	2,989	1,122	923	934	36,752	103	2,521	73,047	176	2,785	
Pittsburgh, Pa. <sup>4</sup>	1910	140,924	21,400	100	71	86	1,741	197	124	110	9,528	70	885	29,438	773	6,576	
	1900	115,094	9,411	58	.....	120	1,418	175	31	53	11,079	12	932	36,838	106	2,684	
St. Louis, Mo.	1910	126,223	11,171	353	165	260	2,256	351	141	441	5,226	46	1,218	47,766	1,312	8,759	
	1900	111,356	5,475	216	.....	339	2,151	304	94	390	5,800	30	1,462	59,973	38	561	
San Francisco, Cal.	1910	142,298	4,641	448	160	474	5,701	6,914	291	3,119	9,821	1,846	6,232	24,137	2,275	1,247	
	1900	116,885	2,067	291	.....	429	4,770	10,762	190	2,171	8,956	935	4,870	35,303	199	315	
Washington, D. C.	1910	24,902	459	41	10	109	1,052	270	243	176	2,638	21	511	5,179	342	155	
	1900	20,119	201	32	.....	97	809	417	134	88	2,299	14	389	5,868	34	48	

CITY.	Census year.	Ireland.	Italy.	Japan.	Mexico.	Netherlands (Holland).	Norway.	Portugal.	Romania.	Russia.	Scotland.	Spain.	Sweden.	Switzerland.	Turkey in Asia. <sup>4</sup>	Turkey in Europe. <sup>4</sup>	Wales.	All other countries. <sup>5</sup>
Baltimore, Md.	1910	6,806	5,043	12	6	106	199	26	216	24,803	518	49	237	228	50	24	99	309
	1900	9,690	2,042	4	12	98	188	12	26	12,187	594	23	236	186	.....	12	92	508
Boston, Mass.	1910	66,041	31,380	61	24	486	1,914	1,296	373	41,892	5,062	268	7,123	415	2,088	623	315	1,222
	1900	70,147	13,738	36	13	391	1,145	882	68	18,370	4,473	85	5,541	400	.....	600	308	1,216
Buffalo, N. Y.	1910	9,423	11,399	12	20	314	253	12	106	11,349	1,978	24	1,021	639	207	97	217	262
	1900	11,292	5,609	1	8	311	185	23	4	4,010	1,868	20	743	590	.....	13	153	570
Chicago, Ill.	1910	65,965	45,169	220	188	9,632	24,186	50	3,344	121,786	10,306	243	63,035	3,494	1,175	711	1,818	2,400
	1900	73,912	16,008	80	102	8,555	22,011	21	287	39,204	10,347	138	58,836	3,251	.....	180	1,818	4,291
Cincinnati, Ohio.	1910	6,224	2,245	6	15	322	37	8	454	4,999	458	20	114	696	245	280	177	121
	1900	9,114	917	1	18	369	12	1	4	2,320	461	6	111	657	.....	6	240	288
Cleveland, Ohio.	1910	11,316	10,836	15	18	1,076	512	3	761	25,477	2,880	28	1,657	1,373	497	251	1,298	339
	1900	13,120	3,065	8	9	804	249	8	39	7,726	2,179	9	1,000	1,288	.....	41	1,490	442
Detroit, Mich.	1910	5,584	5,724	28	27	584	225	5	313	18,644	3,320	18	601	595	561	125	170	311
	1900	6,412	905	2	8	397	75	2	11	3,070	2,496	14	267	491	.....	7	101	413
Jersey City, N. J.	1910	16,124	12,060	5	14	243	1,360	25	196	13,667	1,668	72	1,280	553	103	38	139	172
	1900	19,314	3,832	4	5	145	647	5	51	3,337	1,090	12	899	443	.....	32	159	1,058
Los Angeles, Cal.	1910	3,878	3,802	3,931	5,632	408	1,003	128	297	4,758	1,589	384	3,414	828	385	120	414	726
	1900	1,720	763	152	817	86	163	22	10	293	573	99	808	370	.....	13	156	282
Milwaukee, Wis.	1910	1,966	3,374	.....	12	615	2,144	1	267	11,992	647	21	787	833	78	147	231	195
	1900	2,653	726	.....	6	606	1,702	4	35	2,380	667	8	659	653	.....	66	307	259
Minneapolis, Minn.	1910	2,867	653	33	14	209	16,402	.....	1,412	5,654	1,060	21	26,478	299	219	61	213	187
	1900	3,213	222	5	10	96	11,532	1	417	2,160	815	6	20,035	303	.....	23	230	244
New Orleans, La.	1910	2,996	8,066	20	289	43	181	36	93	1,254	257	433	160	247	192	46	20	499
	1900	5,398	5,806	6	299	47	95	50	9	468	218	456	170	314	.....	107	35	385
New York, N. Y.	1910	252,672	340,770	957	426	4,193	22,281</											



## COUNTRY OF ORIGIN.

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FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS:  
1910.

Table 17

CITY.	Total foreign born.	PERSONS BORN IN—													All other countries.	
		Austria.	Canada.		England, Scotland, and Wales.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands (Holland), and Belgium.	Norway, Sweden, and Denmark.	Russia and Finland.		Turkey.
			French.	Other.												
<b>Alabama</b>																
Birmingham.....	5,730	134	17	222	1,343	146	706	243	78	309	1,360	26	183	592	233	138
Mobile.....	2,305	42	21	129	327	66	406	142	31	314	45	17	221	159	89	296
Montgomery.....	716	29	8	34	85	22	224	44	15	67	7	.....	24	86	25	46
<b>Arkansas</b>																
Little Rock.....	1,988	83	13	117	259	41	787	79	11	165	55	15	58	164	5	136
<b>California</b>																
Berkeley.....	8,641	91	22	914	1,474	256	1,231	117	34	695	329	48	1,112	562	24	1,732
Oakland.....	40,846	1,267	245	2,905	5,304	1,205	5,476	470	248	4,160	3,800	249	4,794	1,118	112	9,493
Pasadena.....	4,618	52	37	920	1,025	47	678	48	16	336	34	46	539	81	39	720
Sacramento.....	11,045	544	67	670	1,247	146	1,477	368	49	1,156	1,162	26	569	144	25	3,395
San Diego.....	7,829	182	68	925	1,399	171	1,134	68	37	517	331	34	695	146	22	2,100
San Jose.....	6,422	151	52	473	730	288	752	36	9	531	1,822	31	344	38	22	1,143
<b>Colorado</b>																
Colorado Springs.....	3,019	74	9	379	786	45	435	12	17	341	24	42	509	108	11	227
Denver.....	39,749	1,698	232	3,260	5,920	398	6,636	226	465	3,965	2,664	331	6,029	5,627	107	2,191
Pueblo.....	8,550	2,287	36	351	716	67	729	319	354	491	1,490	26	543	528	83	530
<b>Connecticut</b>																
Bridgeport.....	36,264	3,858	499	778	3,901	169	2,811	194	6,975	5,085	5,022	49	2,210	4,142	219	352
Hartford.....	31,354	1,865	792	1,292	2,440	150	2,424	53	328	7,049	4,321	38	2,843	6,687	210	662
Meriden town.....	9,397	1,224	685	160	1,217	88	2,269	21	83	1,369	928	18	403	851	11	70
Meriden city.....	8,042	1,147	619	144	987	66	1,752	21	55	1,210	816	11	561	805	11	63
New Britain.....	18,030	1,972	338	171	1,060	33	1,605	33	147	1,435	2,005	7	2,452	6,276	203	293
New Haven.....	42,989	1,109	461	874	2,663	160	4,115	85	473	9,004	13,159	158	1,919	8,049	186	574
Norwich town.....	8,459	344	1,760	164	954	23	693	108	24	1,595	475	15	300	1,761	118	125
Stamford town.....	8,900	628	31	144	911	38	753	118	366	1,832	1,903	40	570	1,440	13	113
Stamford city.....	8,097	690	24	123	766	54	629	117	369	1,608	1,819	19	605	1,400	11	88
Waterbury.....	25,541	422	1,901	401	1,768	228	1,433	45	158	5,838	6,567	19	725	5,607	104	325
<b>Delaware</b>																
Wilmington.....	13,713	887	29	168	1,311	80	1,911	28	215	3,152	2,288	13	287	3,163	13	168
<b>Florida</b>																
Jacksonville.....	2,688	41	21	264	546	44	413	49	21	160	133	27	121	192	214	442
Tampa.....	10,803	31	24	108	218	36	209	53	9	71	2,519	6	81	74	13	7,351
<b>Georgia</b>																
Atlanta.....	4,501	113	15	241	595	64	729	388	92	302	95	18	102	1,342	113	292
Augusta.....	929	14	10	24	72	20	207	80	18	211	34	2	9	166	4	58
Macon.....	694	4	1	39	98	5	111	49	8	98	45	2	5	148	51	30
Savannah.....	3,448	89	10	132	431	30	792	215	42	527	96	29	123	656	65	211
<b>Illinois</b>																
Aurora.....	6,706	213	94	293	486	72	2,554	42	632	386	66	72	753	319	3	721
Bloomington.....	3,413	46	8	112	381	26	1,568	8	158	524	34	6	399	52	34	57
Danville.....	2,010	22	6	84	265	19	1,042	22	4	162	32	25	211	67	3	46
Decatur.....	2,429	23	13	100	254	17	1,523	22	2	267	31	15	61	51	.....	50
East St. Louis.....	9,422	1,672	12	183	424	134	1,427	122	1,807	968	80	21	161	1,690	444	307
Elgin.....	5,677	92	20	299	616	37	2,282	31	309	308	77	28	1,152	172	18	236
Joliet.....	10,447	2,921	26	313	885	38	1,577	54	1,273	770	1,043	15	803	619	40	70
Peoria.....	8,832	354	28	289	805	119	3,739	84	585	1,035	185	157	572	406	103	371
Quincy.....	3,651	15	11	66	164	33	2,840	26	11	237	43	12	34	35	41	83
Rockford.....	13,899	137	20	377	867	29	671	41	9	417	1,067	42	9,380	695	3	84
Springfield.....	6,917	487	15	156	1,052	77	2,127	32	146	1,012	276	55	195	1,051	48	188
<b>Indiana</b>																
Evansville.....	4,468	40	1	68	373	74	3,338	32	6	157	43	19	33	150	9	125
Fort Wayne.....	7,214	95	33	263	431	173	4,501	24	18	385	83	50	78	399	393	288
Indianapolis.....	19,842	1,227	80	768	1,628	217	7,518	249	852	3,255	638	151	436	1,255	985	563
South Bend.....	13,443	576	98	402	335	31	5,347	40	3,829	188	121	544	661	1,127	18	126
Terre Haute.....	3,818	56	17	166	543	35	1,426	13	287	522	52	55	149	255	130	112
<b>Iowa</b>																
Cedar Rapids.....	5,325	2,799	23	201	339	19	557	18	43	418	61	21	290	388	81	67
Clinton.....	4,881	285	7	208	324	12	2,171	27	49	522	68	30	874	100	20	184
Council Bluffs.....	4,384	247	14	193	386	27	872	207	11	305	148	17	1,576	177	5	199
Davenport.....	8,108	268	16	194	381	52	5,290	219	72	581	81	64	601	148	20	121
Des Moines.....	10,427	267	27	573	1,629	54	1,431	124	17	804	932	82	2,761	1,415	63	248
Dubuque.....	6,099	255	35	173	411	61	3,176	15	6	811	281	89	133	193	17	443
Sioux City.....	10,459	473	138	566	752	35	1,262	342	30	561	580	172	3,444	1,664	311	129
Waterloo.....	2,707	92	16	211	321	10	897	204	7	210	67	10	389	143	13	117
<b>Kansas</b>																
Kansas City.....	10,381	2,993	44	329	896	73	1,853	210	274	1,054	55	177	1,070	963	61	329
Topeka.....	4,171	48	23	222	700	46	767	28	10	266	52	17	751	853	5	383
Wichita.....	2,880	67	23	241	443	37	795	28	16	253	13	45	136	178	91	514
<b>Kentucky</b>																
Covington.....	3,946	18	6	77	307	51	2,765	4	7	511	50	26	12	46	.....	66
Lexington.....	944	17	1	46	100	12	155	29	11	280	88	11	4	87	64	39
Louisville.....	17,473	316	30	341	938	258	8,471	93	441	2,700	654	74	137	2,014	98	908
Newport.....	3,407	115	13	68	297	37	1,766	2	68	368	25	4	9	539	6	90
<b>Louisiana</b>																
Shreveport.....	1,018	45	4	35	98	91	197	16	5	56	159	1	17	150	86	58
<b>Maine</b>																
Lewiston.....	9,431	104	6,660	734	476	34	142	148	.....	579	25	12	11	366	92	48
Portland.....	12,151	44	408	4,109	901	24	189	78	13	2,952	783	5	915	1,350	225	155



FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS:  
1910—Continued.

Table 17—Continued.		PERSONS BORN IN—														
CITY.	Total foreign born.	Austria.	Canada.		England, Scotland, and Wales.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands (Holland), and Belgium.	Norway, Sweden, and Denmark.	Russia and Finland.	Turkey.	All other countries.
			French.	Other.												
Massachusetts																
Brockton.....	15,466	43	917	2,673	1,306	23	110	149	14	2,891	986	6	2,742	3,227	208	171
Brookline town.....	8,401	21	71	2,047	830	38	296	36	6	4,303	43	10	527	131	29	113
Cambridge.....	35,328	156	1,445	8,727	2,851	131	728	102	102	10,637	1,546	40	2,131	3,735	414	2,583
Chelsea.....	13,829	158	382	2,502	837	15	136	21	15	1,431	436	113	161	6,922	330	310
Chicopee.....	10,042	4,105	2,877	260	635	83	192	171	27	1,310	45	.....	97	211	12	17
Everett.....	9,736	32	197	3,910	1,190	15	213	14	105	1,633	625	40	954	592	42	174
Fall River.....	50,958	2,614	15,277	963	11,964	144	234	130	3	5,194	1,025	19	189	2,182	484	10,536
Fitchburg.....	13,618	68	4,050	762	1,205	60	554	248	2	1,925	884	6	468	3,175	168	43
Haverhill.....	11,190	313	2,568	1,879	784	15	106	442	14	1,895	1,063	7	126	1,575	324	79
Holyoke.....	23,254	2,396	8,035	557	2,403	391	1,565	181	80	5,246	368	38	147	1,087	93	67
Lawrence.....	41,471	1,450	7,698	1,825	7,022	788	2,301	171	28	5,943	6,603	318	140	4,402	2,077	615
Lowell.....	43,494	1,948	12,291	4,051	5,751	100	205	3,782	24	9,983	259	183	772	1,886	637	1,622
Lynn.....	27,605	264	2,369	7,686	2,607	74	350	968	25	5,153	1,354	17	1,622	3,929	823	374
Malden.....	13,491	130	223	3,737	1,235	17	287	8	15	2,810	525	57	932	3,301	95	121
New Bedford.....	43,727	1,837	12,241	944	10,050	334	777	172	13	2,583	666	97	393	1,715	354	11,551
Newton.....	11,269	25	707	2,830	1,274	67	185	3	14	3,724	1,198	21	474	501	81	165
Pittsfield.....	6,783	196	765	329	831	282	623	38	34	1,629	1,158	3	193	583	9	110
Quincy.....	10,908	46	375	2,132	2,215	30	172	30	2	1,670	1,539	13	1,332	1,170	41	141
Salem.....	13,577	728	4,434	1,713	504	49	106	248	6	2,811	403	7	160	2,167	165	76
Somerville.....	20,818	143	587	7,507	2,273	63	412	75	25	5,320	1,777	21	935	814	161	706
Springfield.....	23,077	1,357	3,078	1,464	2,359	83	975	213	32	5,079	2,915	20	1,176	3,028	437	261
Taunton.....	9,912	921	1,728	752	1,361	11	185	30	23	2,082	133	13	80	476	40	2,077
Waltham.....	7,706	8	602	2,270	957	25	108	30	1	2,128	615	14	610	232	19	87
Worcester.....	48,597	362	5,010	3,405	4,012	123	580	83	20	10,535	2,889	33	8,599	10,219	2,469	258
Michigan																
Battle Creek.....	2,655	88	33	1,053	557	21	301	50	16	169	35	50	102	46	43	91
Bay City.....	11,044	107	1,324	3,121	1,102	34	2,727	12	23	399	22	60	366	1,644	41	62
Flint.....	6,730	269	154	3,307	986	22	549	34	296	227	192	46	107	422	38	81
Grand Rapids.....	28,387	549	197	3,029	1,148	48	4,546	31	209	871	319	11,912	1,366	3,622	284	256
Jackson.....	4,364	60	30	1,008	807	21	1,004	48	12	421	58	48	61	701	8	77
Kalamazoo.....	6,881	155	67	680	588	18	869	20	200	306	43	3,470	128	247	12	78
Lansing.....	4,010	73	51	1,118	462	7	1,363	30	98	127	74	107	86	209	153	52
Saginaw.....	11,727	222	729	3,312	1,130	135	4,408	18	114	398	218	26	141	767	2	107
Minnesota																
Duluth.....	30,703	1,165	1,423	4,435	1,546	69	2,595	57	76	620	648	190	12,695	4,739	62	383
St. Paul.....	56,657	3,900	1,096	3,339	2,879	276	14,025	129	1,989	4,184	1,995	264	16,810	4,432	202	1,137
Missouri																
Joplin.....	918	29	13	99	171	22	309	21	4	95	24	8	48	33	8	34
Kansas City.....	25,466	571	149	1,611	2,927	277	5,354	758	332	3,267	2,579	388	2,666	3,431	146	1,010
St. Joseph.....	8,131	566	51	318	640	81	2,641	237	407	760	193	52	415	1,290	44	436
Springfield.....	1,128	21	12	136	232	10	327	10	8	142	19	3	129	8	16	55
Montana																
Butte.....	13,128	955	441	1,579	2,701	97	858	74	40	3,196	151	40	1,048	1,239	66	643
Nebraska																
Lincoln.....	7,218	184	24	323	550	28	1,197	187	61	291	72	26	740	3,355	35	145
Omaha.....	27,179	3,414	86	1,132	1,989	135	4,861	486	554	1,849	2,361	126	6,860	2,614	188	524
South Omaha.....	8,021	3,000	16	142	245	10	985	59	505	659	116	162	690	985	72	375
New Hampshire																
Manchester.....	29,708	1,770	13,720	2,716	1,657	54	1,225	1,330	11	3,482	77	182	997	783	1,399	105
Nashua.....	8,962	72	4,830	537	235	10	22	570	2	836	52	1	58	1,216	492	29
New Jersey																
Atlantic City.....	6,776	218	17	180	971	102	835	75	114	936	1,383	27	116	1,154	124	524
Bayonne.....	20,573	2,452	27	258	1,449	67	1,706	7	1,795	3,444	1,738	18	335	6,918	27	312
Camden.....	15,773	972	26	253	2,461	116	3,754	22	271	1,852	2,331	34	407	2,684	59	531
East Orange.....	5,727	147	15	301	1,300	71	969	6	121	1,403	361	25	520	288	18	182
Elizabeth.....	23,933	4,117	53	216	2,101	117	4,900	44	1,457	3,345	2,226	51	623	4,291	9	383
Hoboken.....	27,712	1,368	37	138	1,285	107	10,018	106	521	3,077	6,555	640	1,706	1,712	42	400
Orange.....	8,127	182	10	112	793	40	1,001	174	80	2,024	2,960	12	180	367	44	148
Passaic.....	28,503	8,748	22	126	1,161	48	2,097	32	6,534	1,079	2,972	1,277	233	3,961	22	191
Paterson.....	45,485	883	155	332	7,791	824	5,741	101	483	4,971	9,317	5,660	243	6,867	388	1,729
Perth Amboy.....	14,323	2,749	44	200	441	35	1,201	27	3,887	547	560	23	1,986	2,440	25	152
Trenton.....	26,376	1,822	74	154	4,071	70	4,149	88	4,980	2,481	4,268	48	189	3,727	24	231
West Hoboken town.....	13,743	554	23	72	605	447	4,205	2	121	562	4,218	80	239	702	836	1,077
New York																
Albany.....	18,218	586	286	673	1,682	120	4,620	83	67	4,545	2,205	288	188	2,460	146	269
Amsterdam.....	10,631	2,554	107	172	955	14	1,702	16	41	978	1,750	4	88	2,129	12	109
Auburn.....	7,647	1,480	126	404	1,272	18	745	22	74	1,503	1,595	12	50	251	38	57
Binghamton.....	7,415	425	47	213	654	25	681	52	1,769	1,831	595	13	102	865	47	96
Elmira.....	5,271	221	21	197	515	19	1,162	17	42	1,277	919	15	97	659	38	72
Jamestown.....	10,614	35	24	282	1,179	37	256	41	13	244	939	24	7,245	66	188	41
Kingston.....	3,394	210	34	58	239	11	1,020	12	86	681	380	11	31	540	44	37
Mount Vernon.....	8,065	215	28	233	888	91	1,647	10	96	1,048	2,670	20	305	656	12	146
New Rochelle.....	8,749	154	28	242	888	96	1,211	29	75	1,568	2,884	37	476	824	12	226
Newburgh.....	4,833	162	4	141	856	11	512	30	139	1,555	675	12	121	524	32	59
Niagara Falls.....	12,108	860	81	4,158	1,539	35	832	17	72	839	1,926	22	102	1,397	162	66
Poughkeepsie.....	4,548	496	30	94	446	21	861	21	223	957	737	37	90	456	15	64
Rochester.....	59,076	1,688	569	9,149	5,979	328	14,624	176	415	5,230	10,638	1,374	607	7,187	273	839
Schenectady.....	18,691	1,279	444	697	2,007	59	3,428	102	836	1,355	3,660	74	494	3,880	29	327
Syracuse.....	30,848	1,265	499	2,758	2,942	181	6,903	106	212	4,877	4,756	49	200	5,278	319	503
Troy.....	15,448	897	613	572	1,981	65	1,818	51	62	5,410	1,462	33	654	1,069	597	164
Utica.....	21,316	2,050	165	848	2,798	103	3,073	49	116	2,021	6,688	33	101	2,588	365	318
Watertown.....	6,278	271	269	3,078	886	77	196	19	104	469	602	1	36	143	65	62
Yonkers.....	26,716	3,927	45	503	3,218	161	2,337	89	2,664	5,255	4,116	114	645	3,042	113	487
North Carolina																
Charlotte.....	480	8	1	27	133	6	97	18	1	32	12	1	13			



## COUNTRY OF ORIGIN.

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FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS:  
1910—Continued.

Table 17—Continued.

CITY.	Total foreign born.	Austria.	Canada.		England, Scotland, and Wales.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands (Holland), and Belgium.	Norway, Sweden, and Denmark.	Russia and Finland.	Turkey.	All other countries.
			French.	Other.												
Ohio																
Akron.....	13,249	933	60	417	1,925	167	3,152	64	3,308	605	799	29	585	602	150	453
Canton.....	8,658	504	18	152	854	169	2,313	357	1,559	192	980	19	146	591	144	660
Columbus.....	16,363	818	79	617	1,935	150	5,722	123	970	1,809	1,619	140	168	1,534	131	548
Dayton.....	13,892	660	27	380	620	93	5,817	117	2,761	976	356	41	80	1,527	215	222
Hamilton.....	3,315	112	1	65	149	48	2,152	42	168	167	178	9	18	99	4	103
Lima.....	1,627	48	9	128	214	14	506	13	9	357	158	6	24	51	13	77
Lorain.....	2,194	38	262	804	18	1,188	12	3,954	290	452	21	124	1,452	50	79	79
Newark.....	2,051	178	4	58	219	17	497	18	595	197	103	2	26	24	54	59
Springfield.....	3,174	80	8	124	369	12	1,119	53	28	830	173	20	43	103	108	104
Toledo.....	32,144	879	681	2,499	2,052	246	15,308	81	2,927	1,971	270	140	323	3,345	243	1,179
Youngstown.....	24,896	4,005	21	326	4,239	48	2,100	134	5,490	1,842	3,604	26	646	1,761	253	401
Zanesville.....	1,605	44	8	44	217	16	601	28	213	184	14	1	9	152	54	20
Oklahoma																
Muskogee.....	549	12	7	63	99	17	134	46	2	48	7	6	38	33	6	31
Oklahoma City.....	3,337	273	52	294	477	35	674	130	27	202	40	31	181	227	124	570
Oregon																
Portland.....	50,312	2,548	442	4,769	5,363	505	7,490	701	584	2,267	2,557	439	8,723	4,892	384	8,648
Pennsylvania																
Allentown.....	6,240	1,530	7	33	322	48	1,104	29	1,359	416	662	7	29	550	66	78
Altoona.....	5,224	309	4	37	426	12	1,658	91	68	530	1,281	3	60	540	82	123
Chester.....	6,712	1,160	9	90	1,287	44	466	13	69	1,526	869	8	88	1,005	7	71
Easton.....	3,129	86	9	30	364	22	754	43	305	228	732	15	32	416	47	46
Erie.....	14,963	726	48	857	788	79	5,603	53	588	1,122	1,307	33	913	2,428	8	410
Harrisburg.....	4,157	299	1	65	391	18	834	46	621	315	479	7	34	875	15	157
Hazleton.....	6,003	1,320	1	16	363	13	872	3	228	367	1,892	3	3	815	52	55
Johnstown.....	15,333	4,736	4	58	1,067	16	1,582	37	4,563	447	1,905	14	53	510	262	79
Lancaster.....	3,214	46	.....	32	184	22	1,993	38	39	144	195	2	20	390	6	103
McKeesport.....	12,645	3,107	4	66	1,853	27	1,533	90	2,500	740	586	5	1,253	762	24	95
New Castle.....	8,634	1,263	10	132	2,024	32	491	49	505	449	2,397	10	66	920	141	145
Norristown borough.....	4,000	61	2	52	606	18	510	15	23	992	1,442	6	44	203	1	55
Reading.....	8,823	1,415	5	58	496	50	2,754	170	243	344	1,076	7	33	1,905	190	77
Seranton.....	35,122	3,184	17	284	7,716	81	4,325	71	1,214	5,302	3,549	22	142	8,571	265	379
Shenandoah borough.....	10,459	1,225	1	10	529	9	273	5	3	265	432	1	3	7,514	152	37
Wilkes-Barre.....	16,097	2,578	7	116	3,930	32	2,401	63	259	1,588	956	10	224	3,568	319	106
Williamsport.....	2,335	59	58	78	285	27	880	8	8	324	314	2	80	145	25	42
York.....	1,594	109	6	41	187	23	667	44	20	71	180	1	26	165	9	45
Rhode Island																
Newport.....	6,381	58	137	391	1,080	78	275	130	18	2,316	573	10	564	188	45	518
Pawtucket.....	17,989	210	3,367	656	6,834	162	607	267	4	5,438	717	48	559	481	395	244
Providence.....	76,999	1,574	4,494	4,341	12,676	367	2,076	451	126	15,801	17,305	250	4,058	7,518	2,140	3,822
Warwick town.....	9,021	419	3,190	246	1,129	93	160	5	13	622	1,339	190	1,023	82	20	490
Woonsocket.....	16,548	1,378	9,728	335	963	682	185	50	14	1,195	483	425	84	622	310	94
South Carolina																
Charleston.....	2,448	52	8	38	199	22	891	134	14	345	191	17	106	295	50	86
Columbia.....	448	14	.....	11	89	5	65	27	2	43	19	20	17	82	42	12
Tennessee																
Chattanooga.....	1,342	19	2	107	213	24	262	34	23	118	10	13	26	431	13	47
Knoxville.....	792	12	4	52	172	6	165	23	40	88	22	.....	9	106	1	92
Memphis.....	6,320	261	32	305	691	114	1,429	230	71	803	1,140	29	205	956	18	236
Nashville.....	3,017	91	6	129	366	57	554	63	177	572	91	8	46	596	61	200
Texas																
Austin.....	2,455	80	5	51	240	26	794	7	7	117	49	3	369	40	79	588
Dallas.....	5,264	254	37	241	804	144	1,434	75	35	399	338	35	243	744	41	470
El Paso.....	14,504	66	27	200	351	85	447	4	39	163	50	28	95	176	59	12,714
Fort Worth.....	4,280	411	16	213	513	43	708	63	21	364	190	45	293	598	130	672
Galveston.....	6,307	567	13	90	738	153	1,563	64	98	564	568	46	751	387	39	666
Houston.....	6,408	369	15	228	766	135	1,771	132	91	460	639	36	202	636	155	773
San Antonio.....	17,495	351	30	268	997	230	3,398	8	56	485	444	147	173	469	101	10,338
Waco.....	1,328	75	.....	54	95	11	323	16	7	51	161	1	140	172	47	175
Utah																
Ogden.....	4,879	44	12	175	1,652	25	239	202	4	180	169	696	903	49	30	499
Salt Lake City.....	19,544	214	55	747	7,532	110	2,102	621	90	664	379	456	4,662	355	195	1,362
Virginia																
Lynchburg.....	459	7	2	24	83	4	46	41	1	41	27	4	7	142	10	20
Norfolk.....	3,676	40	22	140	442	28	402	179	19	226	345	14	138	1,341	95	245
Portsmouth.....	1,147	16	9	59	132	3	130	13	5	136	153	11	59	367	6	48
Richmond.....	4,136	118	8	114	652	56	892	99	36	405	511	18	67	829	175	156
Rossmore.....	774	14	.....	56	212	13	79	43	4	88	27	2	16	76	131	13
Washington																
Seattle.....	67,456	2,025	836	9,872	8,553	646	6,176	967	345	3,177	3,457	720	17,749	3,877	589	8,467
Spokane.....	21,820	712	310	4,040	2,898	164	2,755	144	126	1,021	1,545	255	5,786	879	39	1,146
Tacoma.....	22,498	1,265	261	2,622	2,572	273	2,545	258	102	916	1,202	105	7,731	988	100	1,558
West Virginia																
Huntington.....	526	8	5	33	128	4	112	24	13	54	32	10	14	18	40	31
Wheeling.....	5,428	527	7	62	575	53	2,236	130	164	544	291	18	45	491	180	105
Wisconsin																
Green Bay.....	4,057	165	155	210	109	29	1,125	.....	2	186	14	1,199	529	272	27	35
La Crosse.....	6,044	564	42	164	194	19	2,723	13	54	159	20	26	1,629	153	172	112
Madison.....	4,234	104	7	169	334	11	1,320	53	34	346	335	24	1,079	251	12	155
Oshkosh.....	7,410	806	33	338	322	7	4,482	127	24	143	10	25	513	426	28	126
Racine.....	12,513	1,102	21	154	745	24	2,890	118	566	235	449	137	4,251	1,559	192	70
Sheboygan.....	8,669	973	11	44	65	8	4,618	336	47	46	1	596	153	1,648	12	112
Superior.....	13,799	488	458	1,577	669	59	1,011	27	171	452	48	375	5,733	2,478	2	251







## CHAPTER 6.

## THE FOREIGN-BORN POPULATION—DATE OF IMMIGRATION.

**Introduction.**—This chapter summarizes the statistics in regard to the year of immigration of the foreign-born population, as returned at the Thirteenth Decennial Census. The census schedules of 1910 and 1900 both contained an inquiry, applicable only to the foreign-born population, as to the year of immigration to the United States. This inquiry was designed in part to afford, in connection with the statistics of immigration, a means for determining what proportion

of the immigrants of each year or period of years had remained in this country and were still living. It also furnishes a basis for determining the sections of the country in which the immigrants of different periods have mainly settled.

**United States as a whole.**—Table 1 summarizes the results of this inquiry at the last two censuses for the United States as a whole (not including Alaska, Hawaii, Porto Rico, or other outlying possessions).

Table 1		CENSUS OF 1910 (APRIL 15).						CENSUS OF 1900 (JUNE 1).			
YEAR OF IMMIGRATION.	Length of residence in United States, in years (y.) and months (m.).	Total foreign born.		Foreign-born white.		YEAR OF IMMIGRATION.	Length of residence in United States, in years (y.) and months (m.).	Total foreign born.		Foreign-born white.	
		Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.
Total		13,515,886		13,345,545		Total		10,341,276		10,213,817	
Year not reported		1,340,819		1,318,959		Year not reported		1,012,653		1,001,460	
Total with year reported.		12,175,067	100.0	12,026,586	100.0	Total with year reported.		9,328,623	100.0	9,212,357	100.0
1910, to Apr. 15..	Less than 3 1/4 m.	233,852	1.9	231,696	1.9	1900, to June 1..	Less than 5 m.	201,128	2.2	192,607	2.1
1909	3 1/4 m.-1 y. 3 1/4 m.	579,419	4.8	573,585	4.8	1899	5 m.-1 y. 5 m.	235,410	2.5	229,315	2.5
1908	1 y. 3 1/4 m.-2 y. 3 1/4 m.	412,683	3.4	405,631	3.4	1898	1 y. 5 m.-2 y. 5 m.	195,291	2.1	191,399	2.1
1907	2 y. 3 1/4 m.-3 y. 3 1/4 m.	735,771	6.8	740,362	6.8	1897	2 y. 5 m.-3 y. 5 m.	172,288	1.8	169,117	1.8
1906	3 y. 3 1/4 m.-4 y. 3 1/4 m.	637,298	5.2	625,647	5.2	1896	3 y. 5 m.-4 y. 5 m.	199,749	2.1	197,636	2.1
1905	4 y. 3 1/4 m.-5 y. 3 1/4 m.	530,808	4.4	520,161	4.3	1895	4 y. 5 m.-5 y. 5 m.	214,577	2.3	212,198	2.3
1901-1904	5 y. 3 1/4 m.-9 y. 3 1/4 m.	1,505,214	12.4	1,479,844	12.3	1891-1894	5 y. 5 m.-9 y. 5 m.	1,144,654	12.3	1,136,842	12.3
1900 or earlier	9 y. 3 1/4 m. or more	7,568,922	62.2	7,497,660	62.3	1890 or earlier	9 y. 5 m. or more	6,965,526	74.7	6,883,343	74.7
1906-1910	Less than 4 y. 3 1/4 m.	2,570,123	21.1	2,528,921	21.0	1896-1900	Less than 4 y. 5 m.	1,003,896	10.8	979,974	10.6
1901-1905	4 y. 3 1/4 m.-9 y. 3 1/4 m.	2,036,022	16.7	2,000,005	16.6	1891-1895	4 y. 5 m.-9 y. 5 m.	1,359,231	14.6	1,349,040	14.6
1896-1900	9 y. 3 1/4 m.-14 y. 3 1/4 m.	1,063,099	8.7	1,046,500	8.7	1886-1890	9 y. 5 m.-14 y. 5 m.	1,596,909	17.1	1,585,062	17.2
1891-1895	14 y. 3 1/4 m.-19 y. 3 1/4 m.	1,157,513	9.5	1,148,645	9.6	1881-1885	14 y. 5 m.-19 y. 5 m.	1,566,448	16.8	1,546,825	16.8
1890 or earlier	19 y. 3 1/4 m. or more	5,347,710	43.9	5,302,515	44.1	1880 or earlier	19 y. 5 m. or more	3,802,148	40.8	3,751,456	40.7
1901-1910	Less than 9 y. 3 1/4 m.	4,606,145	37.8	4,528,926	37.7	1891-1900	Less than 9 y. 5 m.	2,363,097	25.3	2,329,014	25.3
1900 or earlier	9 y. 3 1/4 m. or more	7,568,922	62.2	7,497,660	62.3	1890 or earlier	9 y. 5 m. or more	6,965,526	74.7	6,883,343	74.7
Distributing those with year not reported:						Distributing those with year not reported:					
Total		13,515,886	100.0	13,345,545	100.0	Total		10,341,276	100.0	10,213,817	100.0
1901-1910	Less than 9 y. 3 1/4 m.	5,088,084	37.6	5,000,098	37.5	1891-1900	Less than 9 y. 5 m.	2,609,173	25.2	2,571,196	25.2
1900 or earlier	9 y. 3 1/4 m. or more	8,427,802	62.4	8,345,447	62.5	1890 or earlier	9 y. 5 m. or more	7,732,103	74.8	7,642,621	74.8

It will be noted from this table that for about one-tenth of the foreign-born population, both in 1910 and in 1900, the year of immigration was not reported. Consequently the numbers reported as having arrived in each specified year or group of years somewhat understate the actual numbers. There is no way of knowing whether this understatement is relatively greater in the case of one class than in the case of another, but it is probable that approximately correct figures for any given year or group of years will be obtained by adding one-ninth to the number actually reported.

The percentages shown in Table 1 (except those in the last two lines) are all based upon the total number for whom the year of immigration was reported. Of the foreign born of all races combined in 1910 for whom the year was reported, 21.1 per cent had arrived during the period from January 1, 1906, to April 15, 1910

(four years, three and one-half months), 16.7 per cent during the five years 1901-1905, 8.7 per cent between 1896 and 1900, 9.5 per cent between 1891 and 1895, and 43.9 per cent in 1890 or earlier. About three-eighths of those for whom the date of arrival was reported thus arrived during the period of nine years, three and one-half months beginning January 1, 1901, and five-eighths before that date. The percentages for the foreign-born whites taken by themselves are substantially the same.

This table reflects roughly the variations which have taken place from year to year in the number of immigrants. For example, the number reported in 1910 as having arrived during 1907 (706,771) was much greater than the number reported as having arrived during 1908 (412,683), which corresponds with the variation shown by the statistics of immigration. Again, the number reported as having arrived during the five years 1891-1895 (1,157,513) was considerably greater



than the number reported as having arrived from 1896 to 1900 (1,063,699), which conforms to the statistics showing that immigration was heavier during the earlier years of that decade than during the later.

Table 1 also presents estimates as to the total number of the foreign born enumerated in 1910 who had arrived, respectively, before and after January 1, 1901. The estimates (which represent the totals derived from calculations made for each state separately) are made on the assumption that the persons for whom the date of arrival was not reported should be distributed in the same ratio as those for whom reports were made. Similar estimates have been made on the basis of the returns at the census of 1900. It is estimated on the above basis that about 5,000,000 of the foreign-

born whites who were enumerated on April 15, 1910, had arrived in this country subsequently to January 1, 1901. During the period from January 1, 1901, to April 1, 1910, the Bureau of Immigration recorded the arrival in the United States of 8,223,325 immigrants. The difference between these two figures, about 3,223,325, represents the number who had left the country or died—chiefly those who had returned to their native country. Those who were enumerated in 1910 represented 62.2 per cent of the total number of immigrants during this period.

**Divisions and states.**—Table 2 shows, by geographic divisions and states, the foreign-born white population as enumerated in 1910, distributed according to the time of arrival in the United States.

FOREIGN-BORN WHITE POPULATION, BY YEAR OF ARRIVAL IN THE UNITED STATES, BY DIVISIONS AND STATES: 1910.

Table 2	YEAR OF IMMIGRATION. <sup>1</sup>					PER CENT. <sup>1</sup>			DIVISION AND STATE.	YEAR OF IMMIGRATION. <sup>1</sup>					PER CENT. <sup>1</sup>		
	1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906- 1910	1901- 1905	1900 or earlier.		1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906- 1910	1901- 1905	1900 or earlier.
<b>United States.</b>	<b>2,328,921</b>	<b>2,000,005</b>	<b>2,195,145</b>	<b>5,302,515</b>	<b>1,318,959</b>	<b>21.0</b>	<b>16.6</b>	<b>62.3</b>									
<b>GEOGRAPHIC DIVS.:</b>																	
New England...	360,442	283,246	390,564	686,607	84,527	21.4	16.4	62.3									
Middle Atlantic...	1,095,778	906,454	904,348	1,577,972	341,627	24.4	20.2	55.4									
E. North Central...	522,008	391,942	418,690	1,433,180	301,400	18.9	14.2	67.0									
W. North Central...	186,544	155,683	195,365	836,626	239,013	13.6	11.3	75.1									
South Atlantic...	56,884	40,259	40,322	98,320	54,770	24.1	17.1	58.8									
E. South Central...	8,587	7,641	8,934	42,792	18,903	12.6	11.2	76.1									
W. South Central...	49,857	34,596	48,929	121,484	93,893	19.6	13.6	66.9									
Mountain...	90,961	58,916	63,082	159,212	64,739	24.4	15.8	59.7									
Pacific...	148,860	121,268	124,911	346,322	120,087	20.1	16.4	63.6									
<b>NEW ENGLAND:</b>																	
Maine...	19,226	14,024	21,268	39,234	16,381	20.5	15.0	64.5									
New Hampshire...	20,756	12,353	20,743	36,674	6,032	22.9	13.6	63.4									
Vermont...	10,437	6,638	8,763	20,410	3,613	22.6	14.4	63.1									
Massachusetts...	212,285	164,322	234,894	409,113	30,436	20.8	16.1	63.1									
Rhode Island...	34,712	28,072	37,505	65,546	12,190	20.9	16.9	62.1									
Connecticut...	72,026	57,837	67,391	115,630	15,875	23.0	18.5	58.5									
<b>MIDDLE ATLANTIC:</b>																	
New York...	598,583	516,519	542,974	907,939	163,257	23.3	20.1	56.5									
New Jersey...	143,335	112,777	121,956	226,029	54,091	23.7	18.7	57.6									
Pennsylvania...	353,860	277,158	239,418	444,004	124,279	26.9	21.1	52.0									
<b>E. N. CENTRAL:</b>																	
Ohio...	129,675	88,621	73,623	248,315	57,011	24.0	16.4	59.6									
Indiana...	30,137	17,137	16,212	71,918	23,918	22.3	12.7	65.1									
Illinois...	221,195	177,158	184,207	511,537	108,463	20.2	16.2	63.6									
Michigan...	87,616	65,520	83,784	305,283	53,321	16.2	12.1	71.8									
Wisconsin...	53,385	43,506	60,864	296,127	58,687	11.8	9.6	78.7									
<b>W. N. CENTRAL:</b>																	
Minnesota...	62,152	59,646	75,239	288,434	57,519	12.8	12.3	74.9									
Iowa...	24,986	17,293	27,134	156,614	47,457	11.1	7.7	81.3									
Missouri...	31,764	23,618	22,619	113,213	37,682	16.6	12.4	71.0									
North Dakota...	20,397	23,744	27,906	58,922	25,189	15.6	18.1	66.3									
South Dakota...	10,313	9,521	13,004	51,727	16,063	12.2	11.3	76.5									
<b>W. N. CEN.—CON.</b>																	
Nebraska...	19,726	12,738	18,113	99,686	25,602	13.1	8.5	78.4									
Kansas...	17,206	9,123	11,330	68,030	29,501	16.3	8.6	75.1									
<b>SOUTH ATLANTIC:</b>																	
Delaware...	3,197	2,482	2,608	5,986	3,147	22.4	17.4	60.2									
Maryland...	14,061	13,296	16,298	45,516	15,003	15.8	14.9	69.3									
Dist. of Columbia...	2,837	2,494	3,203	10,255	5,502	15.1	13.3	71.6									
Virginia...	4,494	3,327	3,793	8,593	6,421	22.2	16.5	61.3									
West Virginia...	22,623	10,869	5,818	9,794	7,968	46.1	22.1	31.8									
North Carolina...	918	576	713	1,778	1,957	23.0	14.5	62.5									
South Carolina...	642	536	654	2,205	2,017	15.9	13.3	70.8									
Georgia...	1,822	1,746	2,112	5,067	4,325	17.0	16.2	66.8									
Florida...	6,290	4,933	5,123	9,126	8,370	24.7	19.4	55.9									
<b>E. S. CENTRAL:</b>																	
Kentucky...	2,977	2,194	3,285	24,556	7,041	9.0	6.6	84.3									
Tennessee...	1,878	1,800	2,069	8,152	4,590	13.5	13.0	73.5									
Alabama...	2,673	2,479	2,379	6,821	4,604	18.6	17.3	64.1									
Mississippi...	1,059	1,168	1,201	3,263	2,698	15.8	17.5	66.7									
<b>W. S. CENTRAL:</b>																	
Arkansas...	1,277	1,704	1,789	7,509	4,630	10.4	13.9	75.7									
Louisiana...	4,188	5,571	8,720	18,260	15,043	11.4	15.2	73.4									
Oklahoma...	4,410	3,082	4,452	16,609	11,531	15.4	10.8	73.8									
Texas...	39,982	24,239	33,968	79,106	62,689	22.6	13.7	63.8									
<b>MOUNTAIN:</b>																	
Montana...	20,290	12,936	15,358	30,303	12,757	25.7	16.4	57.9									
Idaho...	6,731	4,448	4,821	16,652	7,775	20.6	13.6	65.8									
Wyoming...	7,829	4,783	3,826	7,945	2,735	32.1	19.6	48.3									
Colorado...	22,095	16,678	19,944	51,408	16,726	20.1	15.1	64.8									
New Mexico...	6,027	3,002	3,165	6,162	4,298	32.8	16.4	50.8									
Arizona...	13,676	7,556	6,895	10,516	8,181	35.4	19.6	45.1									
Utah...	10,493	6,650	6,657	29,320	10,273	19.8	12.5	67.7									
Nevada...	3,820	2,863	2,416	6,906	1,994	23.9	17.9	58.2									
<b>PACIFIC:</b>																	
Washington...	43,444	35,450	33,917	85,031	43,355	22.0	17.9	60.1									
Oregon...	18,772	13,040	13,178	40,622	17,389	21.9	15.2	62.8									
California...	86,644	72,778	77,816	220,669	59,343	18.9	15.9	65.2									

<sup>1</sup> Percentages based only on the number for whom the year of immigration was reported.

Marked differences appear among the geographic divisions with respect to the relative importance of recent and earlier immigrants in the present foreign-born population. Designating persons who came to the United States after January 1, 1901, as recent arrivals, and those who came before that date as earlier arrivals, it will be seen that in the United States as a whole the recent arrivals formed 37.7 per cent of the total number of foreign-born whites for whom the year of arrival was reported. In the Middle Atlantic division, however, they represented 44.6

per cent of the total, in the South Atlantic division 41.2 per cent, and in the Mountain division 40.3 per cent. On the other hand, in the West North Central division the newcomers constituted only 24.9 per cent of the total foreign-born white population, and in the East South Central only 23.9 per cent.<sup>1</sup>

<sup>1</sup> Since these percentages are based upon the figures for those who reported the year of immigration, they are, of course, subject to a certain margin of error because of the fact that the considerable number of persons who failed to report the year of immigration may have been differently distributed as regards the time of arrival; but beyond question they bring out substantially the true conditions in the several geographic divisions.



Another method of showing the difference between the recent arrivals and the earlier with respect to the sections of the country in which they have settled is by means of percentages, distributing among the geographic divisions the total number reported as having arrived within a given period of time. Such percentages, derived from Table 2, are shown in Table 3.

DIVISION OF RESIDENCE.	1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.
United States.....	100.0	100.0	100.0	100.0	100.0
New England.....	14.6	14.2	17.8	12.9	6.4
Middle Atlantic.....	43.3	45.3	41.2	29.8	25.9
East North Central.....	20.6	19.6	19.1	27.0	22.9
West North Central.....	7.4	7.8	8.9	15.8	18.1
South Atlantic.....	2.2	2.0	1.8	1.9	4.2
East South Central.....	0.3	0.4	0.4	0.8	1.4
West South Central.....	2.0	1.7	2.2	2.3	7.1
Mountain.....	3.6	2.9	2.9	3.0	4.9
Pacific.....	5.9	6.1	5.7	6.5	9.1

The recent arrivals have largely concentrated in the three northeastern geographic divisions—the New England, the Middle Atlantic, and the East North Central—principally in the Middle Atlantic. Of the foreign-born whites enumerated in 1910 who reported arrival after January 1, 1906, 43.3 per cent were in the Middle

Atlantic division, 20.6 per cent in the East North Central division, and 14.6 per cent in New England, leaving only 21.4 per cent in all the rest of the country. The distribution of those who reported arrival between 1901 and 1905 was substantially the same, and that of those earlier immigrants who arrived from 1891 to 1900 was not very different. On the other hand, of those who had arrived in 1890 or earlier, only 29.8 per cent were in the Middle Atlantic division and 12.9 per cent in the New England division. The proportion of this class residing in the East North Central division (27 per cent), however, was much larger than the proportion of the more recent immigrants residing in that division. The West North Central division contained 15.8 per cent of those who reported arrival in 1890 or earlier, while only 7.4 per cent of those who arrived after January 1, 1906, were in that division.

To facilitate comparison between the recent arrivals and the earlier, the foreign-born whites in each geographic division and state who failed to report the date of arrival have been distributed by estimates as having arrived, respectively, before and after January 1, 1901. The estimates are made in the manner already explained in connection with Table 1, page 215. The results are shown in Table 4.

FOREIGN-BORN WHITE POPULATION IN 1910, DISTRIBUTED (PARTLY BY ESTIMATES) AS ARRIVING BEFORE OR AFTER JANUARY 1, 1901, BY DIVISIONS AND STATES.

DIVISION AND STATE.	Total foreign-born white: 1910	ESTIMATED NUMBER WHO ARRIVED IN THE UNITED STATES—		DIVISION AND STATE.	Total foreign-born white: 1910	ESTIMATED NUMBER WHO ARRIVED IN THE UNITED STATES—			
		Before Jan. 1, 1901.	Between Jan. 1, 1901, and Apr. 15, 1910.			Before Jan. 1, 1901.	Between Jan. 1, 1901, and Apr. 15, 1910.		
								Number.	Per cent.
United States .....	13,345,545	8,345,447	5,000,098	37.5	WEST NORTH CENTRAL—Contd.:				
GEOGRAPHIC DIVISIONS:					Nebraska.....	175,865	137,870	37,995	21.6
New England.....	1,814,386	1,129,913	684,473	37.7	Kansas.....	135,190	101,512	33,678	24.9
Middle Atlantic.....	4,826,179	2,670,407	2,155,772	44.7	SOUTH ATLANTIC:				
East North Central.....	3,067,220	2,054,803	1,012,417	33.0	Delaware.....	17,420	10,489	6,931	39.8
West North Central.....	1,613,231	1,211,646	401,585	24.9	Maryland.....	104,174	72,214	31,960	30.7
South Atlantic.....	290,555	171,612	118,943	40.9	District of Columbia.....	24,351	17,442	6,909	28.4
East South Central.....	86,857	65,768	21,089	24.3	Virginia.....	26,628	16,322	10,306	38.7
West South Central.....	348,759	233,452	115,307	33.1	West Virginia.....	57,072	18,145	38,927	68.2
Mountain.....	436,910	260,936	175,974	40.3	North Carolina.....	5,942	3,714	2,228	37.5
Pacific.....	861,448	546,910	314,538	36.5	South Carolina.....	6,054	4,287	1,767	29.2
NEW ENGLAND:					Georgia.....	15,072	10,068	5,004	33.2
Maine.....	110,133	71,073	39,060	35.5	Florida.....	33,842	18,931	14,911	44.1
New Hampshire.....	96,558	61,243	35,315	36.6	EAST SOUTH CENTRAL:				
Vermont.....	49,861	31,452	18,409	36.9	Kentucky.....	40,053	33,779	6,274	15.7
Massachusetts.....	1,051,050	633,212	387,838	36.9	Tennessee.....	18,459	13,574	4,885	26.5
Rhode Island.....	178,025	110,626	67,399	37.9	Alabama.....	18,956	12,151	6,805	35.9
Connecticut.....	328,759	192,307	136,452	41.5	Mississippi.....	9,389	6,264	3,125	33.3
MIDDLE ATLANTIC:					WEST SOUTH CENTRAL:				
New York.....	2,729,272	1,543,224	1,186,048	43.5	Arkansas.....	16,909	12,804	4,105	24.3
New Jersey.....	638,188	379,144	279,044	42.4	Louisiana.....	51,782	38,027	13,755	26.6
Pennsylvania.....	1,438,719	748,039	690,680	48.0	Oklahoma.....	40,084	29,566	10,518	26.2
EAST NORTH CENTRAL:					Texas.....	239,984	153,055	86,929	36.2
Ohio.....	597,245	355,912	241,333	40.4	MOUNTAIN:				
Indiana.....	159,322	103,697	55,625	34.9	Montana.....	91,644	53,045	38,599	42.1
Illinois.....	1,202,560	764,716	437,844	36.4	Idaho.....	40,427	26,586	13,841	34.2
Michigan.....	595,324	427,328	168,196	28.2	Wyoming.....	27,118	13,091	14,027	51.7
Wisconsin.....	512,569	403,150	109,419	21.3	Colorado.....	126,851	82,189	44,662	35.2
WEST NORTH CENTRAL:					New Mexico.....	22,654	11,511	11,143	49.2
Minnesota.....	543,010	406,782	136,228	25.1	Arizona.....	46,824	21,097	25,727	54.9
Iowa.....	273,484	222,328	51,156	18.7	Utah.....	63,393	42,934	20,459	32.3
Missouri.....	228,896	162,600	66,296	29.0	Nevada.....	17,999	10,483	7,516	41.8
North Dakota.....	156,158	106,527	52,631	33.7	PACIFIC:				
South Dakota.....	100,628	77,027	23,601	23.5	Washington.....	241,197	145,014	96,183	39.9
					Oregon.....	103,001	64,728	38,273	37.2
					California.....	517,250	337,168	180,082	34.8

Urban and rural communities.—Table 5 distributes the foreign-born white population in the urban and rural communities, respectively, of each geographic division according to the time of arrival in the United States.

This table shows that the more recent arrivals have more generally gone to urban communities than the earlier ones. In 1910, of the foreign-born whites in urban communities who reported the year of immigration, 39.8 per cent had arrived after January 1, 1901; of



those in rural communities only 31.7 per cent. Of the 4,528,926 foreign-born whites who reported arrival after January 1, 1901, 3,514,756, or 77.6 per cent, resided in urban communities, and only 1,014,170, or 22.4

per cent, in rural communities; while of the 5,302,515 who reported arrival in 1890 or earlier, 3,611,131, or 68.1 per cent, resided in urban communities, and 1,691,384, or 31.9 per cent, in rural communities.

Table 5

FOREIGN-BORN WHITE IN 1910, CLASSIFIED ACCORDING TO YEAR OF IMMIGRATION.

DIVISION.	Urban communities.									Rural communities.								
	Year of immigration.					Per cent. <sup>1</sup>				Year of immigration.					Per cent. <sup>1</sup>			
	1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906- 1910	1901- 1905	1900 or earlier.		1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906- 1910	1901- 1905	1900 or earlier.	
United States .....	1,945,819	1,568,937	1,701,911	3,611,131	807,571	22.6	17.8	60.2		583,102	431,068	493,234	1,691,384	511,388	18.2	13.5	68.3	
New England .....	346,817	265,416	363,899	630,398	70,090	21.6	16.5	61.9		22,625	17,830	26,665	56,209	14,467	18.3	14.5	67.2	
Middle Atlantic .....	904,753	770,443	783,653	1,333,461	257,157	23.9	20.3	55.8		191,025	136,011	120,685	244,511	84,470	27.6	19.6	52.8	
East North Central .....	435,287	316,937	319,051	929,710	188,306	21.8	15.8	62.4		86,721	75,005	99,639	503,470	113,094	11.3	9.8	78.9	
West North Central .....	94,803	74,184	75,312	287,948	99,449	17.8	13.9	68.3		91,741	81,499	120,053	548,678	139,564	10.9	9.7	79.4	
South Atlantic .....	29,128	25,805	29,612	70,665	36,546	18.8	16.6	64.6		27,756	14,454	10,710	27,655	18,224	34.4	17.9	47.6	
East South Central .....	5,431	4,922	6,261	29,694	11,624	11.7	10.6	77.6		3,156	2,719	2,673	13,098	7,279	14.6	12.6	72.9	
West South Central .....	17,679	14,222	19,112	46,716	39,079	18.1	14.6	67.4		32,178	20,374	29,817	74,768	54,814	20.5	13.0	66.6	
Mountain .....	27,918	22,000	26,195	70,540	26,678	19.0	15.0	66.0		63,043	36,916	36,887	88,672	38,061	28.0	16.4	55.7	
Pacific .....	84,003	75,008	78,806	211,999	78,672	18.7	16.7	64.6		64,857	46,260	46,105	134,323	41,415	22.2	15.9	61.9	

<sup>1</sup> Percentages based only on the number for whom the year of immigration was reported.

Principal cities.—Table 6 distributes the foreign-born whites of each city of 100,000 inhabitants or more, as enumerated at the census of 1910, according to the time of arrival in the United States. Very marked differences appear among the cities with respect to the proportions of the more recent and the earlier arrivals. In New York City 23.6 per cent of

those who reported specifically the year of arrival had arrived between January 1, 1906, and the date of enumeration in 1910; 22 per cent between 1901 and 1905; and 54.4 per cent in 1900 or earlier. In New Orleans, on the other hand, only 9.9 per cent reported arrival between 1906 and 1910, while 78.6 per cent reported arrival in 1900 or earlier.

FOREIGN-BORN WHITE POPULATION, BY YEAR OF ARRIVAL IN THE UNITED STATES, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1910.

CITY.	YEAR OF IMMIGRATION.					PER CENT. <sup>1</sup>			CITY.	YEAR OF IMMIGRATION.					PER CENT. <sup>1</sup>		
	1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906- 1910	1901- 1905	1900 or earlier.		1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906- 1910	1901- 1905	1900 or earlier.
Albany, N. Y. ....	2,501	2,010	2,238	8,996	2,420	15.9	12.8	71.3	Minneapolis, Minn. ....	11,872	12,971	12,771	35,812	12,512	16.2	17.7	66.2
Atlanta, Ga. ....	646	561	653	1,382	1,166	19.9	17.3	62.8	Nashville, Tenn. ....	281	281	380	1,652	399	10.8	10.8	78.3
Baltimore, Md. ....	10,421	10,630	12,820	32,541	10,631	15.7	16.0	68.3	New Haven, Conn. ....	8,536	8,382	9,227	14,943	1,696	20.8	20.4	58.8
Birmingham, Ala. ....	941	714	814	1,658	1,573	22.8	17.3	59.9	New Orleans, La. ....	1,906	2,230	3,596	11,582	8,369	9.9	11.5	78.6
Boston, Mass. ....	43,852	40,332	57,037	93,318	6,183	18.7	17.2	64.1	New York, N. Y. ....	438,743	407,865	419,893	589,205	71,997	23.6	22.0	54.4
Bridgeport, Conn. ....	9,080	6,973	7,628	11,035	1,464	26.2	20.1	53.8	Newark, N. J. ....	24,306	21,069	21,907	38,215	5,558	23.1	20.0	56.8
Buffalo, N. Y. ....	17,758	13,859	19,636	50,266	16,925	17.5	13.7	68.9	Oakland, Cal. ....	5,426	4,969	6,045	18,771	1,611	15.4	14.1	70.5
Cambridge, Mass. ....	6,165	5,516	7,969	14,576	384	18.0	16.1	65.9	Omaha, Nebr. ....	4,626	3,066	3,425	12,277	3,674	19.8	13.1	67.1
Chicago, Ill. ....	161,210	130,018	132,389	310,401	47,199	22.0	17.7	60.3	Paterson, N. J. ....	7,992	7,111	9,048	17,953	3,294	19.0	16.9	64.1
Cincinnati, Ohio. ....	9,633	5,885	5,464	32,685	3,125	17.9	11.0	71.1	Philadelphia, Pa. ....	72,516	67,110	69,094	141,574	32,284	20.7	19.2	60.1
Cleveland, Ohio. ....	48,081	38,603	31,589	71,646	5,784	25.3	20.3	54.4	Pittsburgh, Pa. ....	28,851	26,763	23,333	49,482	12,007	22.5	20.8	56.7
Columbus, Ohio. ....	2,515	1,639	1,541	6,744	3,846	20.2	13.2	66.6	Portland, Ore. ....	8,256	6,235	6,002	15,285	8,002	23.1	17.4	59.5
Dayton, Ohio. ....	3,744	1,781	1,457	5,783	1,082	29.3	14.0	56.7	Providence, R. I. ....	15,403	13,397	17,325	27,321	2,857	21.0	18.2	60.8
Denver, Colo. ....	4,469	4,467	6,388	19,060	4,557	13.0	13.0	74.0	Richmond, Va. ....	587	456	499	1,341	1,202	20.4	15.8	63.8
Detroit, Mich. ....	38,044	23,594	24,144	62,649	8,134	25.6	15.9	58.5	Rochester, N. Y. ....	12,959	8,886	8,993	24,435	3,720	23.4	16.1	60.5
Fall River, Mass. ....	9,636	7,711	12,123	20,913	491	19.1	15.3	65.6	St. Louis, Mo. ....	21,335	16,274	14,006	59,578	14,513	19.2	14.6	66.2
Grand Rapids, Mich. ....	3,997	3,143	3,872	13,520	3,803	16.3	12.8	70.9	St. Paul, Minn. ....	7,439	6,663	7,639	28,093	6,690	14.9	13.4	71.7
Indianapolis, Ind. ....	3,428	1,955	2,271	9,723	2,390	19.7	11.3	69.0	San Francisco, Cal. ....	18,742	19,262	20,812	57,589	14,469	16.1	16.5	67.4
Jersey City, N. J. ....	14,457	11,831	13,625	31,040	6,744	20.4	16.7	63.0	Scranton, Pa. ....	6,598	5,546	5,676	14,542	2,759	20.4	17.1	62.5
Kansas City, Mo. ....	3,089	2,740	3,078	10,136	6,284	16.2	14.4	69.4	Seattle, Wash. ....	11,166	9,593	9,360	17,998	12,716	23.2	19.9	56.9
Los Angeles, Cal. ....	8,925	9,110	9,708	24,507	8,334	17.1	17.4	65.5	Spokane, Wash. ....	3,800	2,861	2,901	7,184	4,471	22.7	17.1	60.2
Louisville, Ky. ....	1,367	1,123	1,699	11,046	2,201	9.0	7.4	83.7	Syracuse, N. Y. ....	6,074	3,678	4,618	11,632	4,779	23.4	14.1	62.5
Lowell, Mass. ....	9,854	6,070	9,133	17,406	994	23.2	14.3	62.5	Toledo, Ohio. ....	4,024	3,467	4,606	14,857	5,083	14.9	12.9	72.2
Memphis, Tenn. ....	783	809	818	2,538	1,519	15.8	16.4	67.8	Washington, D. C. ....	2,837	2,494	3,203	10,255	5,562	15.1	13.3	71.6
Milwaukee, Wis. ....	19,328	13,057	14,632	52,322	11,917	19.6	13.1	67.3	Worcester, Mass. ....	10,485	7,864	10,710	18,015	1,418	22.3	16.7	61.0

<sup>1</sup> Percentages based only on the number for whom the year of immigration was reported.



## CHAPTER 7.

### SCHOOL ATTENDANCE AND ILLITERACY.

**Introduction.**—This chapter presents in condensed form the principal statistics relative to school attendance and illiteracy obtained at the Thirteenth Census, taken as of April 15, 1910, with comparative figures for prior censuses. Statistics are presented for the states and principal cities of the United States. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

In the first part of the chapter relating to school attendance figures are given for the whole number of persons attending school in 1909-10, but comparisons with the population are confined to persons from 6 to 20 years of age. A full discussion is given for the United States as a whole for different classes of the population, classified by color or race, nativity, and parentage, by sex, and by age groups, with further details regarding the population living in urban com-

munities and rural districts. Similar material in more condensed form is given for the geographic divisions and states and for the principal cities. Comparative figures for the censuses of 1910 and 1900 relate to the population from 5 to 20 years of age.

In the second part of the chapter relating to illiteracy figures are presented for the United States as a whole for the population 10 years of age and over, classified by color or race, nativity, parentage, sex, and age, and as resident in urban communities and rural districts. Similar statistics in more condensed form are given for each of the geographic divisions and states and for the principal cities. The chapter also gives a separate discussion of illiteracy in two important classes of the population, namely, children from 10 to 14 years of age and males 21 years of age and over.

#### SCHOOL ATTENDANCE.

##### UNITED STATES AS A WHOLE: 1909-10.

The statistics of school attendance of the census of 1910 are based upon the answers to a question on the population schedule as to whether the person enumerated had attended school between September 1, 1909, and the date of enumeration, April 15, 1910. If the person enumerated had attended any kind of school for any length of time during the period in question, an affirmative answer was to be entered upon the schedule.

**Persons attending school, classified by color or race, nativity, and parentage.**—The total number of persons reported as having attended school between September 1, 1909, and April 15, 1910, was 18,009,891. It is not to be understood that all of these persons were in school on April 15, or that they were simultaneously attending school at any time during the period. They represent the whole number who had any relation as pupils to the schools of the country during this time, and may, for brevity, be designated as persons attending school in 1909-10. Though the period falls from two to two and a half months short of the entire school year 1909-10, the number of persons who enter school in April, May, and June of any school year who have not been at school earlier in the year is an insignificant part of the whole enrollment. Hence the period covered by the census enumeration can be regarded as practically identical with the school year. Table 1 shows the distribution of the persons attending school in 1909-10 among the several color or race, nativity, and parentage groups.

Table 1 CLASS OF POPULATION.	PERSONS ATTENDING SCHOOL, 1909-10.		Per cent distribution of total population.
	Number.	Per cent of total.	
<b>Total</b> .....	<b>18,009,891</b>	<b>100.0</b>	<b>100.0</b>
White.....	16,279,292	90.4	88.9
Native.....	15,627,786	86.8	74.4
Native parentage.....	11,110,583	61.7	53.8
Foreign or mixed parentage.....	4,517,203	25.1	20.5
Foreign born.....	651,506	3.6	14.5
Negro.....	1,670,650	9.3	10.7
Indian.....	53,458	0.3	0.3
Chinese.....	3,887	( <sup>1</sup> )	0.1
Japanese.....	2,512	( <sup>1</sup> )	0.1
All other.....	92	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Less than one-tenth of 1 per cent.

Of the persons attending school, 90.4 per cent were whites and 9.3 per cent were negroes, the native whites constituting 86.8 per cent of the total. The distribution of the white persons attending school among the different nativity and parentage groups differs considerably from the corresponding distribution of the population at large. This difference, however, is not primarily attributable to divergent tendencies with regard to school attendance among these elements of the population, but results largely from differences between the nativity and parentage distribution of the adult white population and that of the white population of the usual school ages.

**Persons attending school, classified by sex.**—Table 2 shows the distribution by sex of the persons in each color or race, nativity, and parentage group attending school in 1909-10. It shows also the number of males



to 100 females for the entire number attending school, for those in the age group 6 to 20 years, and for the total population in the group 6 to 20 years.

**Table 2**

CLASS OF POPULATION.	PERSONS ATTENDING SCHOOL, 1909-10.		MALES TO 100 FEMALES.		
	Male.	Female.	Among persons attending school.		In total population 6 to 20 years of age.
			All ages.	6 to 20 years of age.	
Total.....	9,037,655	8,972,236	100.7	100.3	100.7
White.....	8,220,847	8,058,445	102.0	101.5	101.4
Native.....	7,882,607	7,745,179	101.8	101.4	101.0
Native parentage.....	5,611,901	5,498,682	102.1	101.6	101.5
Foreign or mixed parentage.....	2,270,706	2,246,497	101.1	100.8	99.7
Foreign born.....	338,240	313,266	108.0	105.6	108.1
Negro.....	783,809	886,781	88.4	88.4	95.4

A slight excess of males appears among the persons attending school, there being 100.7 males to each 100 females. This excess of males is found in all of the groups given in the table, except in the case of the negroes, where the females considerably outnumbered the males. For the persons 6 to 20 years of age attending school the excess of males was somewhat less than among all persons attending school. This excess corresponded approximately for most of the groups to the excess of males in the total population 6 to 20 years of age.

**Persons attending school, classified by age groups.**—Table 3 shows the age distribution, by color or race, nativity, and parentage groups, of persons who were reported as attending school.

The great majority of persons attending school are between the ages of 6 and 20 years, inclusive, which correspond precisely to the limits of school age as defined by the laws of many states, and approximately to the limits established in most other states. Of the total number of persons attending school in 1909-10, 17,300,204, or 96.1 per cent, were between 6 and 20 years of age, inclusive, while only 2.2 per cent were under 6 and only 1.7 per cent were over 21. The group 6 to 9 years of age included 31.5 per cent of all persons attending school; the group from 10 to 14 years included 44.6 per cent; and the group from 15 to 20 years included 20 per cent. It may be noted that the age periods indicated are not of equal length, the first including four years; the second, five; and the third, six.

In this and other tables percentages are given for the age groups 15 to 17 years and 18 to 20 years, but for economy of space the absolute figures on which percentages are based have been omitted from some of the other tables.

The age distribution of the persons attending school does not vary greatly among the principal race, nativity, and parentage groups shown in Table 3. Among the native whites of native parentage the percentage who were from 15 to 20 years of age was noticeably larger than among the foreign-born whites or the native whites of foreign or mixed parentage. On the other hand, the proportion of the foreign-born whites who were over 20 years of age was much higher than the corresponding proportion among the native white classes.

**Table 3**

PERSONS ATTENDING SCHOOL, 1909-10.

AGE PERIOD.	All classes.												Negro.	
			White.								Foreign born.			
			Total.		Native.									
					Total.		Native parentage.		Foreign or mixed parentage.					
Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	
Total.....	18,009,891	100.0	16,279,292	100.0	15,627,786	100.0	11,110,583	100.0	4,517,203	100.0	651,506	100.0	1,670,650	100.0
Under 6 years.....	396,431	2.2	366,800	2.3	355,355	2.3	217,189	2.0	138,166	3.1	11,445	1.8	28,560	1.7
6 to 9 years.....	5,678,320	31.5	5,174,347	31.8	4,981,031	31.9	3,477,957	31.3	1,503,074	33.3	193,316	29.7	488,954	29.3
10 to 14 years.....	8,028,662	44.6	7,212,607	44.3	6,904,115	44.2	4,827,471	43.4	2,076,644	46.0	308,492	47.4	791,995	47.4
15 to 20 years.....	3,593,222	20.0	3,237,762	19.9	3,135,123	20.1	2,395,763	21.6	739,360	16.4	102,639	15.8	338,750	20.3
15 to 17 years.....	2,748,386	15.3	2,473,283	15.2	2,400,268	15.4	1,809,055	16.3	591,213	13.1	73,015	11.2	264,005	15.8
18 to 20 years.....	844,836	4.7	764,479	4.7	734,855	4.7	586,708	5.3	148,147	3.3	29,624	4.5	74,745	4.5
21 years and over.....	313,256	1.7	287,776	1.8	262,162	1.6	192,203	1.7	59,959	1.3	35,614	5.5	22,391	1.3

**Percentage attending school, by age groups.**—Some of the most significant information to be derived from statistics of school attendance is obtained by comparing the number of persons of a given group attending school with the total number of persons in that group, and thus showing the proportion of school attendance. Inasmuch as school attendance is not customary among persons under 6 or over 20 years of age, comparisons of this character are in general best confined to persons from 6 to 20 years of age.

Table 4 shows, by age groups, for the United States as a whole, the proportion of the entire population who attended school in 1909-10.

Persons reported as attending school constituted 19.6 per cent of the total population of the country. For persons under 6 years of age the proportion attending school was only 3.1 per cent, and for persons of 21 and over only 0.6 per cent. The total number of persons between the ages of 6 and 20 years, inclusive, in 1910 was 27,750,599, of which number



17,300,204, or 62.3 per cent, attended school at some time between September 1, 1909, and April 15, 1910.

AGE PERIOD.	Population: 1910	PERSONS ATTENDING SCHOOL, 1909-10.	
		Number.	Percent.
Total.....	91,972,266	18,009,891	19.6
Under 6 years.....	12,666,762	396,431	3.1
6 to 20 years.....	27,750,599	17,300,204	62.3
6 to 9 years.....	7,725,234	5,678,320	73.5
10 to 14 years.....	9,107,140	8,028,662	88.2
15 to 20 years.....	10,918,225	3,593,222	32.9
15 to 17 years.....	5,372,176	2,748,386	51.2
18 to 20 years.....	5,546,049	844,836	15.2
21 years and over.....	51,554,905	313,256	0.6

School attendance is much more common between the ages of 6 and 14 years than during the later years

of youth. It is most common between the ages of 8 and 13, inclusive. Compulsory school attendance laws, which in 1910 existed in all but 7 of the states of the Union, seldom require attendance beyond the age of 14, and many children after reaching that age drop out of school. School attendance is never required by law before the age of 7 years and in the majority of states not before 8 years, although a considerable proportion of children of 6 and a still larger proportion of those of 7 usually attend school, especially in cities. Hence the proportion of school attendance for the group 10 to 14 years (88.2 per cent) was considerably higher than that for the age group 6 to 9 years (73.5 per cent), and very much higher than that for the age group 15 to 20 years (32.9 per cent).

CLASS OF POPULATION AND SEX.	Total number of persons attending school, 1909-10.	PERSONS 6 TO 20 YEARS OF AGE.			PERSONS 6 TO 9 YEARS OF AGE.			PERSONS 10 TO 14 YEARS OF AGE.			PERSONS 15 TO 20 YEARS OF AGE.			OTHERS ATTEND- ING SCHOOL.	
		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Under 6 years of age.	21 years of age and over.
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		
Total.....	18,009,891	27,750,599	17,300,204	62.3	7,725,234	5,678,320	73.5	9,107,140	8,028,662	88.2	10,918,225	3,593,222	32.9	396,431	313,256
Male.....	9,037,655	13,924,694	8,661,846	62.2	3,896,287	2,856,580	73.3	4,601,753	4,036,105	87.7	5,426,654	1,769,161	32.6	196,572	179,237
Female.....	8,972,236	13,825,905	8,638,358	62.5	3,828,947	2,821,740	73.7	4,505,387	3,992,557	88.6	5,491,571	1,824,061	33.2	199,859	134,019
White.....	16,279,292	24,230,868	15,624,716	64.5	6,703,748	5,174,347	77.2	7,918,408	7,212,607	91.1	9,508,712	3,237,762	33.7	366,800	287,776
Male.....	8,220,847	12,195,148	7,872,132	64.6	3,388,433	2,611,957	77.1	4,006,104	3,643,988	91.0	4,800,611	1,616,187	33.7	182,602	166,113
Female.....	8,058,445	12,035,720	7,752,584	64.5	3,315,315	2,562,390	77.3	3,912,304	3,568,619	91.2	4,708,101	1,621,575	33.8	184,198	121,663
Negro.....	1,670,650	3,422,157	1,619,699	47.3	990,850	488,954	49.3	1,155,266	791,995	68.6	1,276,041	338,750	26.5	28,560	22,391
Male.....	783,890	1,670,979	759,813	45.5	492,466	237,162	48.2	578,074	379,486	65.6	600,439	143,165	23.8	13,452	10,604
Female.....	886,761	1,751,178	859,886	49.1	498,384	251,792	50.5	577,192	412,509	71.5	675,602	195,585	28.9	15,108	11,787
Indian.....	53,458	94,529	51,043	54.0	28,907	13,984	48.4	31,393	22,446	71.5	34,229	14,613	42.7	962	1,453
Chinese.....	3,887	6,978	3,263	46.8	956	604	63.2	1,575	1,221	77.5	4,447	1,438	32.3	64	560
Japanese.....	2,512	5,715	1,427	25.0	764	423	55.8	477	275	78.6	4,474	626	14.0	45	1,040
All other.....	92	352	56	15.9	9	5	(1)	21	18	(1)	322	33	10.2	.....	36
Native white.....	15,627,786	22,678,825	15,020,269	66.2	6,452,309	4,981,031	77.2	7,560,078	6,904,115	91.3	8,666,438	3,135,123	36.2	355,355	252,162
Male.....	7,882,607	11,393,940	7,561,644	66.4	3,261,604	2,514,191	77.1	3,824,801	3,486,397	91.2	4,307,535	1,561,056	36.2	176,820	144,143
Female.....	7,745,179	11,284,885	7,458,625	66.1	3,190,705	2,466,840	77.3	3,735,277	3,417,718	91.5	4,358,903	1,574,067	36.1	178,535	108,019
Native parentage.....	11,110,583	16,007,393	10,701,191	66.9	4,622,327	3,477,957	75.2	5,324,283	4,827,471	90.7	6,060,783	2,395,763	39.5	217,189	192,203
Male.....	5,611,901	8,062,850	5,393,744	66.9	2,340,830	1,757,051	75.1	2,700,666	2,439,554	90.3	3,021,364	1,197,139	39.6	107,768	110,389
Female.....	5,498,682	7,944,543	5,307,447	66.8	2,281,497	1,720,906	75.4	2,623,617	2,387,917	91.0	3,039,419	1,198,624	39.4	109,421	81,814
Foreign or mixed par.....	4,517,203	6,671,432	4,319,078	64.7	1,829,982	1,503,074	82.1	2,235,795	2,076,644	92.9	2,605,655	739,360	28.4	138,166	59,959
Male.....	2,270,706	3,331,090	2,167,900	65.1	920,774	757,140	82.2	1,124,145	1,046,843	93.1	1,286,171	363,917	28.3	69,052	33,754
Female.....	2,246,497	3,340,342	2,151,178	64.4	909,208	745,934	82.0	1,111,650	1,029,801	92.6	1,319,484	375,443	28.5	69,114	26,205
Foreign-born white.....	651,506	1,542,043	604,447	39.2	251,439	193,316	76.9	358,330	308,492	86.1	932,274	102,639	11.0	11,445	35,614
Male.....	338,240	801,208	310,488	38.8	126,829	97,766	77.1	181,303	157,591	86.9	493,076	55,131	11.2	5,782	21,970
Female.....	313,266	740,835	293,959	39.7	124,610	95,550	76.7	177,027	150,901	85.2	439,198	47,508	10.8	5,663	13,644

<sup>1</sup> Per cent not shown where base is less than 100.

Percentage attending school, by color or race, nativity, and parentage.—Table 5 shows the number and percentage of the population who attended school in 1909-10 by age groups, and by race, nativity, and parentage, and by sex. Table 6 summarizes the percentages.

CLASS OF POPULATION.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.					
	6 to 20 years of age.	6 to 9 years of age.	10 to 14 years of age.	15 to 20 years of age.		
				Total.	15 to 17 years of age.	18 to 20 years of age.
Total.....	62.3	73.5	88.2	32.9	51.2	15.2
White.....	64.5	77.2	91.1	33.7	52.4	15.7
Native.....	66.2	77.2	91.3	36.2	54.3	17.3
Native parentage.....	66.9	75.2	90.7	39.5	58.9	19.6
Foreign or mixed parentage.....	64.7	82.1	92.9	28.4	43.8	11.8
Foreign born.....	39.2	76.9	86.1	11.0	24.8	4.6
Negro.....	47.3	49.3	68.6	26.5	41.5	11.7

For the entire group comprising persons from 6 to 20 years of age, the native whites of native parentage showed a higher percentage of persons attending school (66.9) than any other class of the population, though not very much higher than the native whites of foreign or mixed parentage. The percentages shown by the foreign-born whites (39.2) and by the negroes (47.3) were much lower. Marked differences appear in some of the minor age groups. For children from 6 to 9 years of age the highest percentage of school attendance was among the native whites of foreign or mixed parentage; and even for the foreign-born whites the percentage was higher than for the native whites of native parentage. These elements of the foreign stock live more largely in urban communities, where the proportion of young children attending school is relatively high, than do the native whites of purely native parentage. For children from 10 to 14 years of age



also the highest percentage attending school was found among the native whites of foreign or mixed parentage. On the other hand, in the group from 15 to 20 years of age the proportion of school attendance was much higher among native whites of native parentage than among native whites of foreign or mixed parentage, while for the latter in turn it was very much higher than for the foreign-born whites. The low proportion of foreign-born whites from 15 to 20 years of age attending school results in part from the fact that very many children leave school as soon as the law permits, and in part from the fact that immigration swells the number of persons in this age group, bringing in large numbers who are beyond the age limits of compulsory school attendance, and who for this reason never attend school in the United States. In all of the age groups the percentage of school attendance among the negroes was materially lower than among the native whites of native parentage.

**Percentage attending school, by sex.**—Table 7 shows, by age groups and by classes of population, for males and females, respectively, the percentage who attended school in 1909-10.

CLASS OF POPULATION.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.							
	6 to 20 years of age.		6 to 9 years of age.		10 to 14 years of age.		15 to 20 years of age.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
<b>Total</b> .....	62.2	62.5	73.3	73.7	87.7	88.6	32.6	33.2
White.....	64.6	64.5	77.1	77.3	91.0	91.2	33.7	33.8
Native.....	66.4	66.1	77.1	77.3	91.2	91.5	36.2	36.1
Native parentage.....	66.9	66.8	75.1	75.4	90.3	91.0	39.6	39.4
Foreign or mixed par.....	65.1	64.4	82.2	82.0	93.1	92.6	28.3	28.5
Foreign born.....	38.8	39.7	77.1	76.7	86.9	85.2	11.2	10.8
Negro.....	45.5	49.1	48.2	50.5	65.6	71.5	23.8	28.9

In general there was comparatively little difference between the two sexes in the percentage of school attendance. For the total population from 6 to 20 years of age the percentage of males attending school was 62.2 and of females 62.5, but in both of the native white groups, which are the largest groups, the proportion for males was slightly higher than that for females, this difference being somewhat more than offset in the total by the higher proportion for females among the foreign-born whites and among the negroes.

The differences in the percentages for males and females in the entire group from 6 to 20 years of age are partly due to differences in the age distribution of the two sexes. Thus, in the case of native whites of native parentage, the percentage of school attendance in 1909-10 was slightly lower among the males from 6 to 9 years of age and among those from 10 to 14 than among females in these two age groups; but notwithstanding this fact the proportion for the whole group of persons of school age—from 6 to 20 years, inclusive—was higher for males than for females.

**Percentage attending school in the urban and rural population.**—There are somewhat important differences between urban communities and rural districts with respect to school attendance. Table 8 shows the distribution, by age groups, of the persons in the urban and in the rural population, respectively, who were reported as having attended school in 1909-10. The Bureau of the Census classifies as urban population that residing in cities and other incorporated places of 2,500 inhabitants or more, including New England towns of that population.

AGE PERIOD.	PERSONS ATTENDING SCHOOL, 1909-10.			
	In urban communities.		In rural districts.	
	Number.	Per cent of total.	Number.	Per cent of total.
<b>Total</b> .....	7,480,020	100.0	10,529,871	100.0
Under 6 years.....	212,994	2.8	183,437	1.7
6 to 9 years.....	2,442,305	32.7	3,236,015	30.7
10 to 14 years.....	3,326,340	44.5	4,702,322	44.7
15 to 20 years.....	1,330,324	17.8	2,262,898	21.5
15 to 17 years.....	1,003,041	13.4	1,745,345	16.6
18 to 20 years.....	327,283	4.4	517,553	4.9
21 years and over.....	168,057	2.2	145,199	1.4

In general the persons attending school in cities and villages were younger than those attending school in the rural districts.

The differences in this respect are further indicated in Table 9. (For the corresponding absolute numbers see Table 15, pages 229 and 230.)

AGE PERIOD.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.					
	In urban communities.			In rural districts.		
	Total.	Male.	Female.	Total.	Male.	Female.
<b>6 to 20 years, inclusive</b> .....	61.6	62.0	61.3	62.9	62.4	63.4
6 to 9 years.....	81.7	81.7	81.7	68.3	68.1	68.6
10 to 14 years.....	91.7	91.8	91.6	85.8	85.1	86.5
15 to 20 years.....	27.1	26.6	27.6	37.6	37.2	38.1
15 to 17 years.....	43.8	42.4	45.2	56.6	55.4	57.9
18 to 20 years.....	12.5	12.5	12.5	17.7	18.0	17.3

For the entire group, comprising persons from 6 to 20 years of age, the proportion attending school in 1909-10 was slightly higher in rural districts than in urban communities (62.9 per cent as compared with 61.6 per cent). This, however, is due entirely to the fact that for the older children, from 15 to 20 years of age, the percentage attending school in the rural districts was much the higher. For children from 6 to 9 years of age the percentage was much higher, and for those from 10 to 14 considerably higher, in the urban than in the rural population. The distance of the schools from the homes often precludes the attendance of young children in rural districts, while, on the other hand, school attendance for at least a part of the year conflicts less with the industrial activity of the older children in rural than in urban communities.

For the entire group of persons from 6 to 20 years of age, inclusive, the proportion of school attendance was slightly higher among males than among females



in urban communities, but slightly the higher among females in the rural districts.

Table 10 shows, for the several color or race, nativity, and parentage classes, the proportion of the urban and of the rural population in the different age groups attending school.

Table 10	PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.													
AGE PERIOD.	All classes.		Native white.								Foreign- born white.		Negro.	
			Total.		Native parent- age.		Foreign or mixed parent- age.							
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.		
6 to 20 years, inclusive.....	61.6	62.9	65.1	67.1	65.9	67.3	64.2	65.8	39.8	36.9	51.7	46.1		
6 to 9 years.....	81.7	88.3	82.9	73.3	81.5	72.5	84.6	77.6	68.0	55.3	66.2	45.5		
10 to 14 years.....	91.7	85.8	92.8	89.0	92.7	89.7	92.9	88.8	37.8	9.8	63.6	65.6		
15 to 20 years.....	27.1	37.6	30.6	40.7	34.5	42.3	25.5	33.7	11.0	11.0	22.2	27.9		
15 to 17 years.....	43.8	56.6	46.5	60.2	52.6	62.1	39.4	51.9	24.2	27.1	39.3	42.1		
18 to 20 years.....	12.5	17.7	14.8	19.4	17.7	20.8	10.9	13.6	4.8	3.9	9.0	12.7		

For all persons of school age the proportion of school attendance among native whites both of native parentage and of foreign or mixed parentage was somewhat higher in rural districts than in urban communities, but among the foreign-born whites and the negroes the percentage was materially higher in the urban communities.

#### DIVISIONS AND STATES: 1909-10.

**Number and percentage attending school, by age groups.**—Table 11, on page 224, shows by divisions and states the number of persons attending school distributed by age groups, together with the total population in the principal age groups.

Comparing the geographic divisions, it appears that for the entire group of persons 6 to 20 years of age the proportion attending school was lowest in the South Atlantic division, where 56.7 per cent attended school in 1909-10, and highest in the West North Central division, where 67.9 per cent attended school. In the group from 6 to 9 years of age the variation among the divisions was more marked, the proportion ranging from 56.9 per cent in the West South Central division to 89.3 per cent in the New England division. In each of the four northern divisions more than four-fifths of the children of this age attended school, in each of the three southern divisions about three-fifths, and in the two western divisions about three-fourths. In the age group showing the maximum school attendance—that comprising children from 10 to 14

years of age—the proportion attending school was, in the three southern divisions, about four-fifths, and in the northern and western divisions over nine-tenths, with a maximum of 94.1 per cent in the New England and Pacific divisions. Among persons from 15 to 20 years of age the proportion attending school was lowest (26.2 per cent) in the Middle Atlantic division. In the New England and East North Central divisions also less than one-third of the persons of these ages were reported as attending school, but in all other divisions of the country the proportion was more than one-third, the maximum (40.5 per cent) being in the Mountain division.

**Persons 6 to 20 years of age attending school.**—Table 12, page 225, shows the total number of males and of females from 6 to 20 years of age, with the number and percentage attending school, by divisions and states.

The United States as a whole and all but two of the divisions show a slightly larger proportion of girls than of boys attending school. The exceptions are the Middle Atlantic and East North Central divisions, where the proportion of boys attending school was slightly larger than that of girls.

The color or race, nativity, and parentage distribution of the population from 6 to 20 years of age, with the number and percentage reported as attending school in 1909-10, is shown by divisions and states in Table 13, page 227.

In every division the proportion of persons attending school was higher among the native whites of native parentage than in any other group, native whites of foreign or mixed parentage, negroes, and foreign-born whites following in the order named.

The variation among the divisions in the proportion of the native whites of native parentage from 6 to 20 years of age attending school was comparatively slight; the maximum proportion (72.2 per cent) was in the New England division, and the minimum (62.8 per cent) in the South Atlantic division. The maximum proportion for the native whites of foreign or mixed parentage (69.3 per cent) was in the New England division, and the minimum (51.8 per cent) in the West South Central division; the next higher percentage, however, was decidedly above the minimum. The range of variation for the foreign-born whites and the negroes was also very considerable. Moreover, it may be noted that the divergence between the proportion of negroes attending school and that of native whites of native parentage attending school is most marked where the negroes are most numerous—in the three southern divisions.



## SCHOOL ATTENDANCE, BY AGE PERIODS, FOR DIVISIONS AND STATES: 1910.

Table 11

Table 11		PERSONS 6 TO 20 YEARS OF AGE.			PERSONS 6 TO 9 YEARS OF AGE.			PERSONS 10 TO 14 YEARS OF AGE.			PERSONS 15 TO 20 YEARS OF AGE.			OTHERS ATTENDING SCHOOL.	
DIVISION AND STATE.	Total number of persons attending school.	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Under 6 years of age.	21 years of age and over.
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		
United States .....	18,009,891	27,750,599	17,300,204	62.3	7,725,234	5,678,320	73.5	9,107,140	8,028,662	88.2	10,918,225	3,593,222	32.9	396,431	313,256
GEOGRAPHIC DIVISIONS:															
New England.....	1,222,228	1,729,112	1,143,268	66.1	461,292	411,741	89.3	559,556	526,430	94.1	708,264	205,097	29.0	57,294	21,666
Middle Atlantic.....	3,531,373	5,357,256	3,370,818	62.9	1,439,430	1,194,176	83.0	1,726,086	1,603,348	92.9	2,191,740	573,294	26.2	100,028	60,527
East North Central.....	3,576,003	5,237,043	3,431,622	65.5	1,406,274	1,173,582	83.5	1,706,759	1,600,841	93.8	2,124,010	657,199	30.9	80,877	63,504
West North Central.....	2,530,591	3,574,334	2,425,414	67.9	976,434	782,550	80.1	1,170,674	1,095,810	93.6	1,427,226	547,054	38.3	55,596	49,581
South Atlantic.....	2,418,444	4,139,759	2,347,451	56.7	1,205,479	739,919	60.6	1,396,058	1,099,070	78.7	1,538,222	517,462	33.6	33,673	37,320
East South Central.....	1,730,191	2,889,349	1,673,263	57.9	844,021	507,826	60.2	969,343	765,096	79.0	1,075,985	399,741	37.2	30,552	26,376
West South Central.....	1,795,100	3,057,574	1,747,007	57.1	912,657	518,846	56.9	1,016,531	817,902	80.5	1,128,386	410,259	36.4	21,281	26,812
Mountain.....	505,191	741,754	487,947	65.8	215,799	155,870	72.2	239,610	216,222	90.2	286,345	115,853	40.5	7,368	9,876
Pacific.....	709,770	1,024,418	673,414	65.7	263,848	202,810	76.9	322,523	303,343	94.1	438,047	167,261	38.2	9,762	17,594
NEW ENGLAND:															
Maine.....	140,831	195,197	132,082	67.7	52,767	45,023	85.3	64,588	59,651	92.4	77,842	27,408	35.2	6,393	2,356
New Hampshire.....	77,550	111,634	73,487	65.8	29,556	25,754	87.1	36,271	34,291	94.5	45,807	13,442	29.3	2,935	1,128
Vermont.....	70,531	94,701	66,845	70.6	25,962	22,951	88.4	31,451	30,391	96.6	37,288	13,503	36.2	2,768	918
Massachusetts.....	630,119	881,024	588,029	66.7	234,494	213,229	90.9	284,960	269,200	94.5	361,570	105,600	29.2	29,845	12,245
Rhode Island.....	96,242	148,102	90,328	61.0	38,262	32,707	85.5	47,014	43,053	91.6	62,826	14,568	23.2	3,861	2,053
Connecticut.....	206,955	298,454	192,497	64.5	80,251	72,077	89.8	95,272	89,844	94.3	122,931	30,576	24.9	11,492	2,966
MIDDLE ATLANTIC:															
New York.....	1,650,863	2,454,428	1,563,374	63.7	637,903	540,228	84.7	785,826	741,542	94.4	1,030,699	281,604	27.3	55,773	31,716
New Jersey.....	469,272	708,523	440,900	62.2	191,940	162,920	84.9	228,695	209,840	91.8	287,890	68,143	23.7	21,433	6,936
Pennsylvania.....	1,411,238	2,194,303	1,366,541	62.3	600,587	491,028	80.6	711,565	651,966	91.6	873,151	223,547	25.6	22,822	21,875
EAST NORTH CENTRAL:															
Ohio.....	898,088	1,313,809	868,578	66.1	347,668	293,403	84.4	425,602	401,235	94.3	540,539	173,940	32.2	14,133	15,377
Indiana.....	529,742	777,889	513,023	66.0	210,576	172,348	81.8	255,568	238,918	93.5	311,745	102,357	32.8	5,390	10,729
Illinois.....	1,064,346	1,615,914	1,025,053	63.4	432,853	354,775	82.0	520,955	482,944	92.7	662,106	187,334	28.3	19,085	20,208
Michigan.....	568,926	796,887	539,739	67.7	217,544	184,986	85.0	258,480	246,721	95.5	320,863	108,032	33.7	19,982	9,205
Wisconsin.....	514,901	732,544	484,629	66.2	197,633	168,070	85.0	246,154	231,023	93.9	288,757	85,536	29.6	22,287	7,985
WEST NORTH CENTRAL:															
Minnesota.....	462,867	648,775	443,761	68.4	175,220	141,114	80.5	214,402	205,058	95.6	259,153	97,589	37.7	9,463	9,643
Iowa.....	499,272	675,222	469,778	69.6	182,252	157,887	86.6	222,577	209,118	94.0	270,393	102,773	38.0	19,300	10,194
Missouri.....	665,972	993,998	646,866	65.1	268,612	207,728	77.3	324,191	297,116	91.6	401,196	142,022	35.4	7,640	11,466
North Dakota.....	121,649	183,336	117,453	64.1	54,902	38,745	70.6	59,392	53,478	90.0	69,042	25,230	36.5	1,799	2,397
South Dakota.....	126,903	183,979	122,642	66.7	52,889	38,804	73.4	60,021	55,194	92.0	71,069	28,644	40.3	1,790	2,471
Nebraska.....	275,829	373,868	261,219	69.9	101,502	85,782	84.5	121,782	115,547	94.9	150,584	59,890	39.8	9,077	5,533
Kansas.....	378,099	515,156	363,695	70.6	141,057	112,490	79.7	168,309	160,299	95.2	205,790	90,906	44.2	6,527	7,877
SOUTH ATLANTIC:															
Delaware.....	36,330	57,932	35,304	60.9	15,181	11,185	73.7	19,308	17,072	88.4	23,443	7,047	30.1	467	559
Maryland.....	234,628	388,486	227,024	58.4	106,263	78,196	73.6	129,605	111,049	85.7	152,618	37,779	24.8	3,565	4,039
District of Columbia.....	54,688	79,249	50,859	64.2	20,070	15,797	78.7	24,649	22,978	93.2	34,530	12,084	35.0	1,529	2,300
Virginia.....	401,696	697,649	392,499	56.3	203,357	109,873	54.0	237,563	191,134	80.5	256,729	91,492	35.6	3,901	5,296
West Virginia.....	267,411	396,818	259,971	65.5	116,314	85,019	73.1	131,027	119,057	90.9	149,477	55,895	37.4	3,544	3,896
North Carolina.....	495,196	785,583	481,450	61.3	232,597	145,057	62.4	265,964	212,355	79.8	287,022	124,038	43.2	5,691	8,055
South Carolina.....	300,359	564,260	291,307	51.6	165,103	85,569	51.8	192,406	138,397	71.9	206,751	67,341	32.6	4,566	4,486
Georgia.....	494,781	925,865	480,378	51.9	274,519	159,012	57.9	315,217	227,732	72.2	336,129	93,634	27.9	7,863	6,540
Florida.....	133,355	243,917	128,659	52.7	72,075	41,211	57.2	80,319	59,296	73.8	91,523	28,152	30.8	2,547	2,149
EAST SOUTH CENTRAL:															
Kentucky.....	473,481	755,709	461,195	61.0	216,275	143,081	66.2	252,905	213,527	84.4	286,529	104,587	36.5	5,188	7,098
Tennessee.....	451,190	738,478	438,547	59.4	212,375	129,733	61.1	243,328	198,741	81.7	282,775	110,073	38.9	5,409	7,234
Alabama.....	396,845	750,357	385,449	51.4	223,852	109,901	49.1	253,196	181,439	71.7	273,309	94,109	34.4	5,042	6,354
Mississippi.....	408,675	644,805	388,072	60.2	191,519	125,111	65.3	219,914	171,089	78.2	233,372	90,972	39.0	14,913	5,690
WEST SOUTH CENTRAL:															
Arkansas.....	333,795	551,672	324,035	58.7	165,403	102,017	61.7	179,879	139,921	77.8	206,390	82,097	39.8	4,324	5,436
Louisiana.....	257,027	575,866	248,420	43.1	172,563	79,015	45.8	193,791	121,130	62.5	209,512	48,275	23.0	4,968	3,639
Oklahoma.....	394,201	566,323	383,816	67.8	172,307	121,850	70.7	186,069	109,667	91.2	207,947	92,299	44.4	5,249	5,136
Texas.....	810,077	1,363,713	790,736	58.0	402,384	215,964	53.7	456,792	387,184	84.8	504,537	187,588	37.2	6,740	12,601
MOUNTAIN:															
Montana.....	62,755	93,771	60,678	64.7	26,978	20,064	74.4	29,686	26,815	90.3	37,107	13,799	37.2	936	1,141
Idaho.....	68,603	96,819	66,779	69.0	28,482	19,852	69.7	31,902	29,727	93.2	36,435	17,200	47.2	632	1,192
Wyoming.....	23,745	35,776	23,020	64.3	10,232	7,899	77.2	10,829	9,894	91.4	14,715	5,227	35.5	297	428
Colorado.....	153,412	215,940	147,626	68.4	60,167	47,445	78.9	69,688	65,123	93.4	86,085	35,058	40.7	2,483	3,303
New Mexico.....	66,717	105,403	64,342	61.0	32,202	20,416	63.4	34,408	28,119	81.7	38,793	15,807	40.7	1,563	812
Arizona.....	31,346	56,897	30,355	53.4	17,180	9,657	56.2	18,091	14,034	77.6	21,626	6,664	30.8	490	501
Utah.....	88,056	121,016	85,006	70.2	36,082	27,146	75.2	40,070	38,068	95.0	44,864	19,792	44.1	771	2,279
Nevada.....	10,557	16,132	10,141	62.9	4,476	3,391	75.8	4,936	4,442	90.0	6,720	2,308	34.3	196	220
PACIFIC:															
Washington.....	201,605	293,478	195,259	66.5	78,943	59,538	75.4	92,802	87,681	94.5	121,733	48,040	39.5	1,865	4,571
Oregon.....	121,409	175,386	117,078	66.8	45,266	33,894	74.9	55,776	52,520	94.2	74,344	30,664	41.2	1,109	3,222
California.....	377,666	555,554	361,077	65.0	139,639	109,378	78.3	173,945	163,142	93.8	241,970	88,557	36.6	6,788	9,901



## SCHOOL ATTENDANCE.

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SCHOOL ATTENDANCE OF MALES AND FEMALES 6 TO 20 YEARS OF AGE, BY DIVISIONS AND STATES: 1910.

Table 12		MALES.			FEMALES.					MALES.			FEMALES.		
DIVISION AND STATE.	Total number.	Attending school.		Total number.	Attending school.		DIVISION AND STATE.	Total number.	Attending school.		Total number.	Attending school.			
		Number.	Per cent.		Number.	Per cent.			Number.	Per cent.		Number.	Per cent.		
United States .....	13,924,694	8,661,846	62.2	13,825,905	8,638,358	62.5	SOUTH ATLANTIC:								
GEOGRAPHIC DIVISIONS:							Delaware.....	29,541	18,113	61.3	28,391	17,191	60.6		
New England.....	863,084	570,016	66.0	866,028	573,252	66.2	Maryland.....	192,857	113,852	59.0	195,629	113,172	57.9		
Middle Atlantic.....	2,696,450	1,687,199	63.3	2,690,806	1,683,619	62.6	District of Columbia.....	38,275	24,734	64.6	40,974	26,125	63.8		
East North Central.....	2,635,089	1,728,379	65.6	2,601,954	1,703,243	65.5	Virginia.....	349,425	193,494	55.4	348,224	199,005	57.1		
West North Central.....	1,807,003	1,221,092	67.6	1,767,331	1,203,722	68.1	West Virginia.....	203,793	132,221	64.9	193,025	127,750	66.2		
South Atlantic.....	2,054,592	1,160,663	56.5	2,075,167	1,186,788	57.2	North Carolina.....	392,572	240,630	61.3	393,011	240,820	61.3		
East South Central.....	1,446,249	834,809	57.7	1,443,109	838,394	58.1	South Carolina.....	279,589	141,637	50.7	284,671	149,670	52.6		
West South Central.....	1,534,210	875,065	57.0	1,523,364	871,942	57.2	Georgia.....	457,136	233,135	51.0	468,729	247,243	52.7		
Mountain.....	380,510	246,559	64.8	361,244	241,388	66.8	Florida.....	121,404	62,847	51.8	122,513	65,812	53.7		
Pacific.....	527,507	337,404	64.0	496,911	336,010	67.6	EAST SOUTH CENTRAL:								
NEW ENGLAND:							Kentucky.....	380,316	232,224	61.1	375,393	228,971	61.0		
Maine.....	98,183	65,875	67.1	97,014	66,207	68.2	Tennessee.....	371,988	220,124	59.2	366,490	218,423	59.6		
New Hampshire.....	56,291	36,545	64.9	55,343	36,942	66.8	Alabama.....	373,258	191,114	51.2	377,099	194,335	51.5		
Vermont.....	48,328	33,449	69.2	46,373	33,396	72.0	Mississippi.....	320,687	191,407	59.7	324,118	196,665	60.7		
Massachusetts.....	437,007	292,237	66.9	444,017	295,792	66.6	WEST SOUTH CENTRAL:								
Rhode Island.....	74,561	46,031	61.7	73,541	44,297	60.2	Arkansas.....	275,480	161,770	58.7	276,192	162,265	58.8		
Connecticut.....	148,714	95,879	64.5	149,740	96,618	64.5	Louisiana.....	284,579	121,265	42.6	291,287	127,155	43.7		
MIDDLE ATLANTIC:							Oklahoma.....	288,108	196,269	68.1	278,215	187,547	67.4		
New York.....	1,210,638	779,624	64.4	1,243,790	783,750	63.0	Texas.....	696,043	395,761	57.7	677,670	394,973	58.3		
New Jersey.....	351,513	221,093	62.9	357,012	219,808	61.6	MOUNTAIN:								
Pennsylvania.....	1,104,299	686,480	62.2	1,090,004	680,661	62.4	Montana.....	48,839	30,278	62.0	44,932	30,400	67.7		
EAST NORTH CENTRAL:							Idaho.....	50,293	34,176	68.0	46,526	32,603	70.1		
Ohio.....	660,862	438,348	66.3	632,947	430,230	65.9	Wyoming.....	19,223	11,575	60.2	16,553	11,445	69.1		
Indiana.....	393,088	258,985	65.9	384,801	254,638	66.2	Colorado.....	109,338	73,728	67.4	106,602	73,898	69.3		
Illinois.....	808,263	515,724	63.8	807,651	509,329	63.1	New Mexico.....	53,481	33,236	62.1	51,922	31,106	59.9		
Michigan.....	403,056	271,277	67.3	393,831	268,462	68.2	Arizona.....	29,496	15,472	52.5	27,401	14,883	54.3		
Wisconsin.....	369,820	244,045	66.0	362,724	240,584	66.3	Utah.....	61,234	42,990	70.2	59,782	42,016	70.3		
WEST NORTH CENTRAL:							Nevada.....	8,606	5,104	59.3	7,526	5,037	66.9		
Minnesota.....	328,245	223,610	68.1	320,530	220,151	68.7	PACIFIC:								
Iowa.....	341,499	236,090	69.1	333,723	233,688	70.0	Washington.....	151,457	97,993	64.7	142,021	97,266	68.5		
Missouri.....	496,851	324,743	65.4	497,147	322,123	64.8	Oregon.....	90,473	59,264	65.5	84,913	57,814	68.1		
North Dakota.....	94,421	59,876	63.4	88,915	57,577	64.8	California.....	285,577	180,147	63.1	290,977	180,930	62.0		
South Dakota.....	94,669	62,582	66.1	89,310	60,060	67.2									
Nebraska.....	189,450	131,839	69.6	184,418	129,380	70.2									
Kansas.....	261,868	182,952	69.9	253,288	180,743	71.4									

## Children 6 to 14 years of age attending school.—

Between the ages of 6 and 20 years there are, as already noted, several years of age when school attendance is the exception rather than the rule, and when it is wholly voluntary. For children from 8 to 13 years of age, however, school attendance is in most sections of the country obligatory, and in many sections the age of 7 years is likewise covered by the compulsory school attendance laws. The proportion of school attendance is also high among children 6 years of age, so that for some purposes figures relating to the group comprising children from 6 to 14 years of age, inclusive, are of special value. Such figures are given, by divisions and states, in Table 14, page 228.

More than four-fifths (81.4 per cent) of all the children from 6 to 14 years of age attended school between September 1, 1909, and April 15, 1910. Of the remainder (18.6 per cent), the greater number consisted of 6 and 7 year old children who had not yet begun their schooling, and of 14 year old children who had completed their schooling.

Considering the different classes of the population, it is clear at a glance that the proportion of the children from 6 to 14 years of age attending school was greater for the whites than for the negroes. With respect to the whites it may be noted that for chil-

dren in this age group the maximum attendance was among the native whites of foreign or mixed parentage, and the next highest among the native whites of native parentage. The proportion of foreign-born whites attending school was in every division the smallest shown by any of the white elements. In four divisions, namely, the New England, Middle Atlantic, East North Central, and West South Central, the native whites of native parentage had the largest proportion of children from 6 to 14 years of age attending school, while in the remaining five divisions the largest proportion was among the native whites of foreign or mixed parentage.

For the native whites of native parentage the proportion of children from 6 to 14 years of age attending school varied from about three-fourths in the two South Central divisions to over nine-tenths in the New England division. For the native whites of foreign or mixed parentage the range of variation was somewhat less for eight of the nine divisions. Unusual conditions appear to have prevailed in the West South Central division with respect to the school attendance of white children of native birth and foreign or mixed parentage, since in that division less than two-thirds of such children were reported as attending school. The figures for the country as a whole show compara-



tively little difference between the proportion of children from 6 to 14 years of age attending school among the foreign-born whites and among the native whites of native parentage, though for each division taken separately the percentage for the foreign-born whites was considerably less. Here again the West South Central division occupies an exceptional position, inasmuch as it shows less than one-half of the foreign-born white children from 6 to 14 years of age attending school.

Except in the Pacific division, where the number of negroes is relatively small, the proportion of negro children attending school was less than that of white children. In the three southern divisions, which contain so great a majority of the negroes that they practically determine the average for the United States as a whole, less than three-fifths of the negro children from 6 to 14 years of age were reported as attending school, but the average for the other six divisions was somewhat over five-sixths.

**Persons attending school in the urban and rural population.**—School attendance figures for the urban and rural population, classified according to age, sex, and color or race, nativity, and parentage, are shown for 1909-10, by divisions, in Table 15, pages 229 and 230.

In the country as a whole, and in every division except two (the West South Central and Mountain divisions), the proportion of the whole number of persons from 6 to 20 years of age, inclusive, who were reported as attending school was greater in rural districts than in urban communities. In every division the proportion attending school among children from 6 to 9 years of age was larger in the urban population than in the rural, but in every division the proportion among persons from 15 to 20 years of age was larger in the rural population. For the intervening age group—10 to 14 years—the proportion was the larger in urban communities for the country as a whole, for the three southern divisions, and for the Mountain division, and in rural districts for the four northern divisions and the Pacific division.



## SCHOOL ATTENDANCE.

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## SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE, BY DIVISIONS AND STATES: 1910.

[Per cent not shown where base is less than 100.]

DIVISION AND STATE.	ALL CLASSES.			NATIVE WHITE.									FOREIGN-BORN WHITE.			NEGRO.		
				Native parentage.			Foreign or mixed par.											
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.				
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	
United States.....	27,750,599	17,300,204	62.3	16,007,393	10,701,191	66.9	6,671,432	4,319,078	64.7	1,542,043	604,447	39.2	3,422,157	1,619,699	47.3			
GEOGRAPHIC DIVISIONS:																		
New England.....	1,729,112	1,143,268	66.1	666,431	481,480	72.2	803,198	556,736	69.3	243,068	94,322	38.8	15,539	10,201	65.6			
Middle Atlantic.....	5,357,256	3,370,818	62.9	2,584,645	1,744,091	67.5	1,989,990	1,297,558	65.2	683,873	271,942	39.8	95,194	54,780	57.5			
East North Central.....	5,237,043	3,431,622	65.5	3,132,328	2,178,099	69.5	1,741,668	1,091,526	62.7	283,632	113,445	40.0	72,837	44,462	61.0			
West North Central.....	3,574,334	2,425,414	67.9	2,186,578	1,546,055	70.7	1,186,613	783,075	66.0	122,672	50,080	40.8	64,085	37,229	58.1			
South Atlantic.....	4,139,759	2,347,451	56.7	2,467,850	1,519,613	62.8	128,778	76,586	59.5	35,687	12,390	34.7	1,504,019	706,974	47.0			
East South Central.....	2,889,349	1,673,263	57.9	1,883,753	1,191,822	63.3	52,743	31,189	59.1	6,953	2,741	39.4	944,880	447,230	47.3			
West South Central.....	3,067,574	1,747,007	57.1	2,048,346	1,291,901	63.1	212,966	110,378	51.8	51,160	13,192	25.8	715,597	312,736	43.7			
Mountain.....	741,754	487,947	65.8	457,096	317,047	69.4	210,861	143,144	67.9	42,574	16,311	38.3	4,170	2,531	60.7			
Pacific.....	1,024,418	673,414	65.7	580,366	401,083	69.1	344,615	228,886	66.4	72,424	30,024	41.5	5,836	3,556	60.9			
NEW ENGLAND:																		
Maine.....	195,197	132,082	67.7	123,853	87,995	71.0	53,962	36,945	68.5	16,740	6,747	40.3	355	224	63.1			
New Hampshire.....	111,634	73,487	65.8	52,646	37,974	72.1	43,577	30,091	69.1	15,259	5,334	35.0	138	77	55.8			
Vermont.....	94,701	66,845	70.6	63,769	46,513	72.9	23,968	16,990	70.9	6,707	3,207	47.8	251	131	52.2			
Massachusetts.....	881,024	588,029	66.7	278,717	205,518	73.7	459,778	323,327	70.3	133,312	53,082	39.8	8,797	4,850	55.1			
Rhode Island.....	148,102	90,328	61.0	42,009	29,235	69.6	76,888	49,988	65.0	26,839	9,623	35.9	2,277	1,424	62.5			
Connecticut.....	298,454	192,497	64.5	106,437	74,245	70.4	145,025	99,395	68.5	44,211	16,329	36.9	3,721	2,495	67.1			
MIDDLE ATLANTIC:																		
New York.....	2,454,428	1,563,374	63.7	963,517	663,316	68.8	1,053,610	709,245	67.3	407,790	174,186	42.7	27,192	15,192	55.9			
New Jersey.....	708,525	440,903	62.2	302,995	204,166	67.4	294,673	191,544	65.0	88,869	32,242	36.3	21,832	12,892	59.1			
Pennsylvania.....	2,194,303	1,366,541	62.3	1,318,133	876,609	66.5	641,707	396,769	61.8	187,214	65,514	35.0	46,170	26,696	57.8			
EAST NORTH CENTRAL:																		
Ohio.....	1,313,809	868,578	66.1	938,675	651,607	69.4	284,375	174,842	61.5	62,828	24,837	39.5	27,830	17,233	61.9			
Indiana.....	777,889	513,623	66.0	664,781	448,578	67.5	85,074	50,653	59.5	12,327	4,612	37.4	15,560	9,699	62.3			
Illinois.....	1,615,914	1,025,053	63.4	849,975	585,043	68.8	619,352	379,164	61.2	121,517	46,138	38.0	24,825	14,572	58.7			
Michigan.....	796,887	539,739	67.7	372,377	268,925	72.2	365,753	243,380	66.5	52,305	23,404	44.7	3,994	2,561	64.1			
Wisconsin.....	732,544	484,629	66.2	306,520	223,946	73.1	387,114	243,487	62.9	34,655	14,454	41.7	628	397	63.2			
WEST NORTH CENTRAL:																		
Minnesota.....	648,775	443,761	68.4	208,907	154,844	74.1	398,336	270,175	67.8	37,049	15,648	42.2	1,189	781	65.7			
Iowa.....	675,222	469,778	69.6	442,128	321,966	72.8	212,946	139,325	65.4	16,142	5,928	36.7	3,866	2,495	64.5			
Missouri.....	993,998	646,866	65.1	798,833	538,506	67.4	135,263	78,296	57.9	18,083	7,189	39.8	41,682	22,794	54.7			
North Dakota.....	183,336	117,453	64.1	53,101	36,715	69.1	106,573	70,332	66.0	21,194	8,906	42.0	103	60	58.3			
South Dakota.....	183,979	122,642	66.7	82,253	57,773	70.2	87,273	58,049	66.5	8,312	3,314	39.9	184	122	66.3			
Nebraska.....	373,868	261,219	69.9	212,985	155,658	73.1	146,432	98,957	67.6	11,571	4,884	42.2	1,512	930	61.5			
Kansas.....	515,156	363,695	70.6	388,371	280,593	72.2	99,790	67,941	68.1	10,321	4,211	40.8	15,549	10,047	64.6			
SOUTH ATLANTIC:																		
Delaware.....	57,932	35,304	60.9	37,422	23,789	63.6	8,478	5,103	60.2	1,949	592	30.4	10,078	5,815	57.7			
Maryland.....	388,486	227,024	58.4	245,675	152,360	62.0	57,627	31,608	55.0	11,907	4,518	37.9	73,230	38,417	52.3			
District of Columbia.....	79,240	50,859	64.2	43,082	28,724	66.7	10,465	7,079	67.6	2,047	1,018	49.7	23,593	14,000	59.5			
Virginia.....	697,649	392,499	56.3	440,168	269,380	61.2	11,842	7,454	63.0	3,013	1,247	41.4	242,413	114,346	47.2			
West Virginia.....	396,818	259,971	65.5	355,322	238,897	67.2	14,401	9,093	63.1	8,587	2,158	25.1	18,481	9,806	53.1			
North Carolina.....	785,583	481,450	61.3	515,117	334,471	64.9	2,871	2,017	70.3	715	284	39.7	264,025	143,039	54.2			
South Carolina.....	564,260	291,307	51.6	229,204	137,474	60.0	2,943	1,834	62.3	555	205	36.9	331,429	151,726	45.8			
Georgia.....	925,865	480,378	51.9	477,530	289,880	60.7	7,209	4,627	64.2	1,596	664	41.6	439,485	185,191	42.1			
Florida.....	243,917	128,659	52.7	124,330	74,638	60.0	12,942	7,671	59.3	5,318	1,704	32.0	101,285	44,634	44.1			
EAST SOUTH CENTRAL:																		
Kentucky.....	755,709	461,195	61.0	644,497	401,209	62.3	27,178	15,148	55.7	1,953	756	38.7	81,976	44,060	53.7			
Tennessee.....	738,478	438,547	59.4	563,158	354,091	62.9	10,099	6,466	64.0	1,740	802	46.1	163,397	77,153	47.2			
Alabama.....	750,357	385,449	51.4	410,331	244,992	59.7	10,434	6,309	60.5	2,073	844	40.7	327,176	133,191	40.7			
Mississippi.....	644,805	388,072	60.2	265,767	191,530	72.1	5,032	3,266	64.9	1,187	339	28.6	372,331	192,826	51.8			
WEST SOUTH CENTRAL:																		
Arkansas.....	551,672	324,035	58.7	379,084	238,872	63.0	11,541	7,100	61.5	1,440	491	34.1	159,431	77,467	48.6			
Louisiana.....	575,866	248,420	43.1	287,134	158,758	55.3	28,118	14,516	51.6	5,649	1,591	28.2	254,580	73,478	28.9			
Oklahoma.....	566,323	383,816	67.8	454,481	311,274	68.5	31,134	21,486	69.0	3,368	1,443	42.8	48,718	31,083	63.8			
Texas.....	1,363,713	790,736	58.0	927,647	582,997	62.8	142,173	67,276	47.3	40,703	9,667	23.8	252,868	130,708	51.7			
MOUNTAIN:																		
Montana.....	93,771	60,678	64.7	44,453	30,075	67.7	38,017	26,305	69.2	7,382	2,534	34.3	300	184	61.2			
Idaho.....	96,819	66,779	69.0	67,046	47,213	70.4	25,635	18,066	70.5	2,998	1,040	34.7	89	50	56.2			
Wyoming.....	35,776	23,020	64.3	22,297	14,991	67.2	10,148	6,792	66.9	2,481	792	31.9	286	142	49.7			
Colorado.....	215,940	147,626	68.4	138,619	97,182	70.1	62,053	42,895	69.1	12,070	5,547	46.0	2,468	1,548	62.7			
New Mexico.....	105,403	64,342	61.0	85,375	55,644	65.2	8,903	5,525	62.1	3,426	1,118	32.6	363	214	59.0			
Arizona.....	56,897	30,355	53.4	23,167	15,468	66.8	14,712	8,436	57.3	7,658	2,704	35.3	416	251	60.3			
Utah.....	121,016	85,006	70.2	67,931	50,668	74.6	46,504	31,771	68.3	5,279	2,321	44.0	196	112	57.1			
Nevada.....	16,132	10,141	62.9	8,208	5,806	70.7	4,889	3,354	68.6	1,280	255	19.9	52	30	57.7			
PACIFIC:																		
Washington.....	293,478	195,259	66.5	165,137	114,415	69.3	102,201	69,148	67.7	20,605	9,062	44.0	906	515	56.8			
Oregon.....	175,386	117,078	66.8	118,379	81,625	69.0	45,947											



## SCHOOL ATTENDANCE OF CHILDREN 6 TO 14 YEARS OF AGE, BY DIVISIONS AND STATES: 1910.

[Per cent not shown where base is less than 100.]

Table 14 DIVISION AND STATE.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
				Native parentage.			Foreign or mixed par.								
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
United States.....	16,832,374	13,706,932	81.4	9,946,610	8,305,428	83.5	4,065,777	3,579,718	88.0	609,769	501,808	82.3	2,146,116	1,280,949	59.7
GEOGRAPHIC DIVISIONS:															
New England.....	1,020,848	938,171	91.9	403,222	373,507	92.6	519,533	478,982	92.2	88,455	76,948	87.0	9,206	8,364	90.9
Middle Atlantic.....	3,165,616	2,797,524	88.4	1,578,462	1,404,049	88.9	1,266,615	1,120,437	88.5	264,651	225,873	85.3	54,161	45,867	84.7
East North Central.....	3,113,033	2,774,423	89.1	1,930,609	1,727,919	89.5	1,020,472	909,619	89.1	116,344	98,096	84.3	41,344	35,566	86.0
West North Central.....	2,147,108	1,878,360	87.5	1,360,189	1,192,904	87.7	691,393	610,439	88.3	50,379	40,212	79.8	36,222	28,774	79.4
South Atlantic.....	2,601,537	1,829,989	70.3	1,551,023	1,188,906	76.7	78,516	63,769	81.2	14,581	10,474	71.8	955,261	565,475	59.2
East South Central.....	1,813,364	1,273,522	70.2	1,187,774	899,526	75.7	29,219	24,543	84.0	3,107	2,188	70.4	592,615	347,050	58.6
West South Central.....	1,929,188	1,336,748	69.3	1,300,466	979,378	75.3	132,312	87,600	66.2	25,272	10,681	42.3	451,767	245,121	54.3
Mountain.....	455,409	372,092	81.7	289,596	240,737	83.1	128,490	109,796	85.5	18,023	13,344	74.0	2,379	1,982	83.3
Pacific.....	589,371	506,153	86.3	345,209	298,502	86.5	199,227	174,533	87.6	28,937	23,992	82.9	3,161	2,750	87.0
NEW ENGLAND:															
Maine.....	117,355	104,674	89.2	74,927	67,677	90.3	35,202	31,124	88.4	6,885	5,578	81.0	183	166	90.7
New Hampshire.....	65,827	60,045	91.2	31,840	29,343	92.2	28,574	26,075	91.3	5,332	4,558	85.5	74	62	83.8
Vermont.....	57,413	53,342	92.9	39,305	36,576	93.1	15,048	14,096	93.3	2,926	2,613	89.3	129	113	87.6
Massachusetts.....	519,454	482,429	92.9	168,704	158,385	93.9	297,757	277,139	93.1	47,596	41,941	88.1	5,223	4,806	92.0
Rhode Island.....	85,276	75,760	88.8	24,851	22,652	91.2	48,908	43,543	89.0	10,136	8,356	82.4	1,323	1,160	87.7
Connecticut.....	175,523	161,921	92.3	63,595	58,874	92.6	94,044	87,065	92.6	15,580	13,902	89.2	2,274	2,057	90.5
MIDDLE ATLANTIC:															
New York.....	1,423,729	1,281,770	90.0	582,370	523,579	89.9	666,592	604,208	90.6	158,927	140,297	88.3	14,456	12,596	87.1
New Jersey.....	420,635	372,760	88.6	185,727	166,369	89.6	188,865	167,586	88.7	33,387	27,972	83.8	12,600	10,796	85.7
Pennsylvania.....	1,321,152	1,142,994	86.5	810,365	714,101	88.1	411,158	348,643	84.8	72,337	57,604	79.6	27,105	22,475	82.9
EAST NORTH CENTRAL:															
Ohio.....	773,270	694,638	89.8	568,219	513,328	90.3	163,451	145,851	89.2	25,799	21,679	84.0	15,755	13,742	87.2
Indiana.....	466,144	411,266	88.2	404,722	357,792	88.4	47,480	41,596	87.6	4,932	3,977	80.6	8,931	7,832	87.7
Illinois.....	953,808	837,719	87.8	525,750	463,609	88.2	365,683	321,953	88.0	48,275	40,448	83.8	14,020	11,636	83.0
Michigan.....	476,024	431,707	90.7	232,193	211,882	91.3	217,606	197,182	90.6	22,400	19,433	86.8	2,297	2,053	89.4
Wisconsin.....	443,787	399,093	89.9	199,785	181,308	90.8	226,252	203,037	89.7	14,938	12,559	84.1	341	303	88.9
WEST NORTH CENTRAL:															
Minnesota.....	389,622	346,172	88.8	135,742	120,518	88.8	236,744	211,063	89.2	14,344	12,340	86.0	649	584	90.0
Iowa.....	404,829	367,005	90.7	276,283	250,825	90.8	120,286	109,259	90.8	5,930	4,864	82.0	2,268	2,026	89.3
Missouri.....	592,803	504,844	85.2	489,274	418,100	85.5	72,288	62,654	86.7	7,697	6,214	80.7	23,465	17,811	75.9
North Dakota.....	114,294	92,223	80.7	34,807	28,790	82.7	68,033	55,493	81.5	9,823	6,878	70.0	56	43	76.8
South Dakota.....	112,910	93,998	83.3	52,792	44,419	84.1	52,771	44,653	84.6	3,443	2,509	72.9	110	95	86.4
Nebraska.....	223,284	201,329	90.2	132,454	119,323	90.1	84,554	76,807	90.8	4,668	3,974	85.1	819	720	87.9
Kansas.....	309,366	272,789	88.2	238,837	210,929	88.3	56,697	50,519	89.1	4,474	3,433	76.7	8,855	7,495	84.6
SOUTH ATLANTIC:															
Delaware.....	34,489	28,257	81.9	22,425	18,704	83.4	5,188	4,329	83.4	701	532	75.9	6,172	4,689	76.0
Maryland.....	235,868	189,245	80.2	150,708	125,551	83.3	34,699	27,774	80.0	5,210	3,936	75.5	45,233	31,968	70.7
District of Columbia.....	44,719	38,775	86.7	24,796	21,767	87.8	6,080	5,392	88.7	905	782	86.4	12,910	10,807	83.7
Virginia.....	440,920	301,097	68.3	278,208	203,703	73.2	7,355	5,882	80.0	1,410	1,006	71.3	153,827	90,367	58.7
West Virginia.....	247,341	204,076	82.5	224,980	186,709	83.0	9,105	7,562	82.9	2,841	1,878	66.1	10,404	7,927	76.2
North Carolina.....	498,561	357,412	71.7	325,555	246,294	75.7	1,802	1,514	84.0	330	214	64.8	169,034	108,200	64.0
South Carolina.....	357,509	223,966	62.6	143,332	103,355	72.1	1,741	1,418	81.4	227	164	72.2	212,125	118,981	56.1
Georgia.....	589,736	336,744	57.1	302,698	226,356	74.8	4,264	3,604	84.5	675	513	76.0	282,070	156,258	55.4
Florida.....	152,394	100,507	66.0	78,321	56,467	72.1	8,282	6,304	76.1	2,282	1,449	63.5	63,496	36,278	57.1
EAST SOUTH CENTRAL:															
Kentucky.....	469,180	356,608	76.0	406,263	309,958	76.3	14,091	12,269	87.1	720	603	83.8	48,039	33,761	70.3
Tennessee.....	455,703	328,474	72.1	351,218	264,147	75.2	5,723	4,787	83.6	782	617	78.9	97,927	58,895	60.1
Alabama.....	477,048	291,340	61.1	260,867	182,725	70.0	6,418	5,012	78.1	998	701	70.2	208,548	102,813	49.3
Mississippi.....	411,433	297,100	72.2	169,426	142,696	84.2	2,987	2,475	82.9	607	267	44.0	238,101	151,581	63.7
WEST SOUTH CENTRAL:															
Arkansas.....	345,282	241,938	70.1	238,328	178,097	74.7	6,778	5,503	81.2	684	382	55.8	99,383	57,872	58.2
Louisiana.....	365,354	200,145	54.6	184,303	126,106	68.4	17,265	12,028	69.7	2,563	1,299	50.7	161,969	60,654	37.4
Oklahoma.....	358,376	291,517	81.3	288,254	236,826	82.2	18,983	16,227	85.5	1,478	1,120	75.8	30,818	23,581	76.5
Texas.....	899,176	603,148	70.2	589,581	438,349	74.3	89,286	53,842	60.3	20,547	7,880	38.4	159,597	103,014	64.5
MOUNTAIN:															
Montana.....	56,664	46,879	82.7	27,619	23,055	83.5	23,923	20,581	86.0	2,627	1,998	76.1	166	138	83.1
Idaho.....	60,384	49,579	82.1	43,191	35,427	82.0	15,499	13,039	84.1	1,047	798	76.2	45	33	73.3
Wyoming.....	21,061	17,793	84.5	13,560	11,507	84.9	6,143	5,278	85.9	881	673	76.4	137	116	84.7
Colorado.....	129,855	112,568	86.7	84,634	73,083	86.4	37,770	33,407	88.4	5,619	4,591	81.7	1,429	1,220	85.4
New Mexico.....	66,610	48,535	72.9	54,368	41,812	76.9	5,682	4,269	75.1	1,593	901	56.6	210	155	73.8
Arizona.....	35,271	23,691	67.2	14,857	11,952	80.4	9,497	6,845	72.1	3,762	2,318	61.6	254	207	81.5
Utah.....	76,152	65,214	85.6	46,139	39,387	85.4	27,040	23,777	87.9	2,245	1,874	83.5	106	86	81.1
Nevada.....	9,412	7,833	83.2	5,228	4,514	86.3	2,927	2,600	88.8	249	191	76.7	32	27	84.4
PACIFIC:															
Washington.....	171,745	147,219	85.7	99,528	85,458	85.9	60,539	52,594	86.9	8,674	7,278	83.9	480	390	81.3
Oregon.....	101,042	86,414	85.5	70,565	60,059	85.1	26,074	22,755	87.3	2,984	2,409	80.7	102	79	77.5
California.....	313,584	272,920	86.9	175,116	152,985	87.4	112,614	99,184	88.1	17,299	14,245	82.3	2,579	2,281	88.4



## SCHOOL ATTENDANCE.

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SCHOOL ATTENDANCE OF URBAN AND RURAL POPULATION, BY AGE PERIODS, FOR DIVISIONS: 1910.

Table 15		PERSONS 6 TO 20 YEARS OF AGE.			PERSONS 6 TO 9 YEARS OF AGE.			PERSONS 10 TO 14 YEARS OF AGE.			PERSONS 15 TO 20 YEARS OF AGE.			OTHERS ATTENDING SCHOOL.		
DIVISION AND CLASS OF POPULATION.	Total number of persons attending school.	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Under 6 years of age.	21 years of age and over.	
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.			
UNITED STATES																
Urban, total.....	7,480,020	11,520,193	7,098,969	61.6	2,989,407	2,442,305	81.7	3,627,408	3,326,340	91.7	4,903,378	1,330,324	27.1	212,994	168,057	
Male.....	3,700,074	5,641,266	3,496,049	62.0	1,496,269	1,222,433	81.7	1,798,218	1,649,907	91.8	2,346,779	623,709	26.6	106,546	97,479	
Female.....	3,779,946	5,878,927	3,602,920	61.3	1,493,138	1,219,872	81.7	1,829,190	1,676,433	91.6	2,556,599	706,615	27.6	106,448	70,578	
Native white.....	6,563,568	9,582,609	6,239,188	65.1	2,612,357	2,165,324	82.9	3,123,057	2,898,239	92.8	3,847,195	1,175,625	30.6	194,772	129,608	
Native parentage.....	3,640,549	5,255,418	3,461,718	65.9	1,421,924	1,158,399	81.5	1,684,769	1,561,360	92.7	2,148,725	741,959	34.5	89,483	89,348	
Foreign or mixed parentage.....	2,923,019	4,327,191	2,777,470	64.2	1,190,433	1,006,925	84.6	1,438,288	1,336,879	92.9	1,698,470	433,666	25.5	105,289	40,260	
Foreign-born white.....	517,636	1,201,468	478,666	39.8	192,117	154,575	80.5	275,768	243,378	88.3	733,583	80,713	11.0	10,057	28,913	
Negro.....	389,795	722,664	373,891	51.7	182,742	120,910	66.2	225,423	182,054	80.8	314,499	70,927	22.6	8,022	7,882	
Rural, total.....	10,529,871	16,230,406	10,201,235	62.9	4,735,827	3,236,015	68.3	5,479,732	4,702,322	85.8	6,014,847	2,262,898	37.6	183,457	145,199	
Male.....	5,337,581	8,283,428	5,165,797	62.4	2,400,018	1,634,147	68.1	2,803,535	2,386,198	85.1	3,079,875	1,145,452	37.2	90,026	81,758	
Female.....	5,192,290	7,946,978	5,035,438	63.4	2,335,809	1,601,868	68.6	2,676,197	2,316,124	86.5	2,934,972	1,117,446	38.1	93,411	63,441	
Native white.....	9,064,218	13,096,216	8,781,081	67.1	3,839,932	2,815,707	73.3	4,437,021	4,005,876	90.3	4,819,243	1,950,498	40.7	166,583	122,554	
Native parentage.....	7,470,034	10,751,975	7,239,473	67.3	3,200,403	2,319,558	72.5	3,639,514	3,266,111	89.7	3,912,058	1,633,804	42.3	127,706	102,855	
Foreign or mixed parentage.....	1,594,184	2,344,241	1,541,608	65.8	629,549	496,149	77.6	797,507	739,705	92.8	907,185	305,694	33.7	32,877	19,699	
Foreign-born white.....	133,870	340,575	125,781	36.9	59,322	38,741	65.3	82,562	65,114	78.9	198,691	21,926	11.0	1,388	6,701	
Negro.....	1,280,855	2,009,493	1,245,808	46.1	808,108	368,044	45.5	929,843	609,941	65.6	961,542	267,823	27.9	20,538	14,509	
NEW ENGLAND.																
Urban, total.....	1,016,137	1,448,039	947,681	65.4	383,387	344,472	89.8	464,354	436,407	94.0	600,298	166,802	27.8	49,656	18,800	
Male.....	507,107	717,866	471,389	65.7	192,762	173,405	90.0	231,526	217,999	94.2	293,578	79,985	27.2	24,802	10,916	
Female.....	509,030	730,173	476,292	65.2	190,625	171,067	89.7	232,828	218,408	93.8	306,720	86,817	28.3	24,854	7,884	
Native white.....	911,151	1,206,363	830,200	70.5	347,740	314,250	90.4	409,142	387,150	94.6	449,481	148,800	33.1	46,776	14,175	
Native parentage.....	368,281	472,857	342,434	72.4	126,959	114,917	90.5	156,562	149,166	95.3	189,336	78,351	41.4	16,815	9,032	
Foreign or mixed parentage.....	542,870	733,506	507,766	69.2	220,781	199,333	90.3	252,580	237,984	94.2	260,145	70,449	27.1	29,961	5,143	
Foreign-born white.....	94,751	227,188	87,944	38.7	31,878	26,926	84.5	50,483	44,792	88.7	144,827	16,226	11.2	2,447	4,360	
Negro.....	9,901	14,028	9,280	66.2	3,097	3,236	87.5	4,599	4,348	94.5	5,732	1,696	29.6	426	195	
Rural, total.....	206,091	281,073	195,587	69.6	77,905	67,269	86.3	95,202	90,023	94.6	107,946	33,295	35.5	7,638	2,866	
Male.....	104,038	145,218	98,627	67.9	39,521	34,110	86.3	49,009	46,214	94.3	56,688	18,303	32.3	3,817	1,894	
Female.....	102,053	135,855	96,960	71.4	38,384	33,159	86.4	46,193	43,809	94.8	51,278	19,992	39.0	3,821	1,272	
Native white.....	198,102	263,296	188,016	71.4	74,987	64,926	86.6	90,886	86,163	94.8	97,393	36,927	37.9	7,484	2,602	
Native parentage.....	146,672	193,574	139,046	71.8	53,340	46,366	86.9	66,361	63,058	95.0	73,873	29,622	40.1	5,395	2,231	
Foreign or mixed parentage.....	51,430	69,722	48,970	70.3	21,647	18,560	85.7	24,525	23,105	94.2	23,520	7,305	31.1	2,089	371	
Foreign-born white.....	6,743	15,880	6,378	40.2	2,396	1,932	80.6	3,698	3,298	89.2	9,786	1,148	11.7	120	245	
Negro.....	954	1,511	921	61.0	417	328	78.7	493	452	91.7	601	141	23.5	27	6	
MIDDLE ATLANTIC.																
Urban, total.....	2,457,693	3,771,779	2,314,064	61.4	991,641	833,549	84.1	1,195,112	1,106,969	92.6	1,585,026	373,546	23.6	78,385	45,244	
Male.....	1,216,195	1,848,648	1,150,843	62.3	496,636	418,443	84.3	594,770	553,006	93.0	757,242	179,394	23.7	39,533	25,819	
Female.....	1,241,498	1,923,131	1,163,221	60.5	495,005	415,106	83.9	600,342	553,963	92.3	827,784	194,152	23.5	38,852	19,425	
Native white.....	2,136,360	3,107,121	2,032,834	65.4	881,370	743,558	84.4	1,035,257	964,033	93.1	1,190,494	325,243	27.3	72,181	31,345	
Native parentage.....	1,000,830	1,445,372	952,289	65.9	393,658	331,542	84.2	472,034	440,760	93.4	579,680	179,987	31.0	29,008	19,533	
Foreign or mixed parentage.....	1,135,530	1,661,749	1,080,545	65.0	487,712	412,016	84.5	563,223	523,273	92.9	610,814	145,256	23.8	43,173	11,812	
Foreign-born white.....	256,814	591,329	239,226	40.5	91,623	75,195	82.1	137,368	122,515	89.2	362,338	41,516	11.5	4,685	12,903	
Negro.....	44,011	72,586	41,655	57.4	18,505	14,696	79.4	22,334	20,285	90.8	31,747	6,674	21.0	1,505	851	
Rural, total.....	1,093,680	1,585,477	1,056,754	66.7	447,789	360,627	80.5	530,974	496,379	93.5	606,714	199,748	32.9	21,643	15,283	
Male.....	555,727	817,802	536,356	65.6	226,731	182,509	80.5	271,217	254,047	93.7	319,854	99,800	31.2	10,643	8,728	
Female.....	537,953	767,675	520,398	67.8	221,058	178,118	80.6	259,757	242,332	93.3	286,860	99,948	34.8	11,000	6,555	
Native white.....	1,043,115	1,467,614	1,008,815	68.7	426,058	345,013	81.0	502,392	471,882	93.9	539,064	191,920	35.6	20,919	13,381	
Native parentage.....	818,427	1,139,273	791,802	69.5	322,494	263,592	81.7	390,276	368,155	94.3	426,053	160,055	37.5	15,360	11,265	
Foreign or mixed parentage.....	224,688	328,341	217,013	66.1	103,564	81,421	78.6	112,116	103,727	92.5	112,961	31,865	28.3	5,559	2,116	
Foreign-born white.....	34,478	92,544	32,716	35.4	15,134	10,813	71.4	20,526	17,350	84.5	56,884	4,553	8.0	402	1,360	
Negro.....	13,603	22,608	13,125	58.1	6,008	4,411	73.4	7,314	6,475	88.5	9,286	2,239	24.1	290	188	
EAST NORTH CENTRAL.																
Urban, total.....	1,680,901	2,590,115	1,598,222	61.7	665,276	589,715	84.1	810,392	752,730	92.9	1,114,447	255,777	25.6	43,561	39,118	
Male.....	837,958	1,276,471	792,930	62.1	333,002	280,428	84.2	402,663	375,507	93.3	540,806	136,995	25.3	21,993	23,035	
Female.....	842,943	1,313,644	805,292	61.3	332,274	279,287	84.1	407,729	377,223	92.5	573,641	148,782	25.9	21,568	16,083	
Native white.....	1,552,730	2,312,243	1,479,644	64.0	612,624	517,493	84.5	744,268	693,790	93.2	955,351	268,361	28.1	41,185	31,901	
Native parentage.....	846,009	1,206,654	804,496	66.7	331,060	281,488	85.0	383,299	359,399	93.8	492,295	163,609	33.2	20,057	21,516	
Foreign or mixed parentage.....	706,661	1,105,589	675,148	61.1	281,564	236,005	83.8	360,969	334,391	92.6	463,056	104,752	22.6	21,128	10,385	
Foreign-born white.....	95,615	225,702	87,512	38.8	40,039	31,803	79.4	50,074	44,269	88.4	135,569	11,440	8.4	1,912	6,191	
Negro.....	31,973	51,428	30,631	59.6	12,455	10,304	82.7	15,850	14,482	91.4	23,123	5,845	25.3	454	888	
Rural, total.....	1,895,102	2,646,928	1,833,400	69.3	740,998	613,867	82.8	896,367	848,111	94.6	1,009,563	371,422	36.8	37,316	24,386	
Male.....	967,946	1,358,618	935													



## SCHOOL ATTENDANCE OF URBAN AND RURAL POPULATION, BY AGE PERIODS, FOR DIVISIONS: 1910—Continued.

Table 15—Continued.

Table 15—Continued.		PERSONS 6 TO 20 YEARS OF AGE.		PERSONS 6 TO 9 YEARS OF AGE.		PERSONS 10 TO 14 YEARS OF AGE.		PERSONS 15 TO 20 YEARS OF AGE.		OTHERS ATTENDING SCHOOL.					
DIVISION AND CLASS OF POPULATION.	Total number of persons attending school.	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Under 6 years of age.	21 years of age and over.
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		
SOUTH ATLANTIC.															
Urban, total.....	506,467	877,545	488,650	55.5	228,870	157,862	69.0	277,184	231,355	83.5	371,491	97,433	26.2	7,806	12,011
Male.....	242,450	420,314	231,836	55.2	113,890	77,806	68.3	135,475	111,446	82.3	170,949	42,584	24.9	3,750	6,864
Female.....	264,017	457,231	256,814	55.7	114,980	80,056	69.6	141,709	119,909	84.6	200,542	54,849	27.4	4,056	5,147
Native white.....	361,215	587,909	347,678	59.1	156,902	112,698	71.8	187,781	163,106	86.9	243,226	71,874	29.6	5,115	8,222
Native parentage.....	305,435	485,825	294,275	59.4	131,794	93,970	71.3	157,392	136,899	87.0	206,639	63,406	30.7	3,910	7,250
Foreign or mixed parentage.....	55,780	102,084	53,403	58.0	25,108	18,728	74.6	30,389	26,207	86.2	36,587	8,468	23.1	1,205	1,172
Foreign-born white.....	9,679	23,753	8,832	37.2	4,249	2,958	69.6	5,793	4,502	77.7	13,711	1,372	10.0	129	718
Negro.....	135,483	265,742	130,070	48.9	67,698	42,188	62.3	83,573	63,716	76.2	114,471	24,166	21.1	2,559	2,854
Rural, total.....	1,911,977	3,262,214	1,860,801	57.0	976,609	573,057	58.7	1,118,874	867,715	77.6	1,166,731	420,029	36.0	25,867	25,309
Male.....	955,370	1,644,278	928,827	56.5	493,188	287,543	58.3	571,690	434,045	75.9	579,400	207,239	35.8	12,652	13,891
Female.....	956,607	1,617,936	931,974	57.6	483,421	285,514	59.1	547,184	433,670	79.3	587,331	212,790	36.2	13,215	11,418
Native white.....	1,315,082	2,008,719	1,278,521	63.6	599,206	396,997	66.3	685,650	579,874	84.6	723,863	301,650	41.7	17,817	18,744
Native parentage.....	1,291,063	1,972,025	1,255,338	63.7	588,640	389,250	66.1	673,197	568,787	84.5	710,188	297,301	41.9	17,435	18,290
Foreign or mixed parentage.....	24,019	36,694	23,183	63.2	10,566	7,747	73.3	12,453	11,087	89.0	13,675	4,349	31.8	382	454
Foreign-born white.....	3,834	11,934	3,558	29.8	2,073	1,245	60.1	2,466	1,769	71.7	7,395	544	7.4	36	240
Negro.....	591,194	1,238,277	576,904	46.6	374,324	174,277	46.6	429,666	285,294	66.4	434,287	117,333	27.0	7,092	6,298
EAST SOUTH CENTRAL.															
Urban, total.....	263,742	445,707	254,486	57.1	114,096	79,860	70.0	140,297	120,454	85.9	191,314	54,172	28.3	3,993	5,263
Male.....	125,005	213,277	120,026	56.3	56,572	39,133	69.2	68,361	57,747	84.5	88,344	23,146	26.2	1,900	3,079
Female.....	138,737	232,430	134,460	57.8	57,524	40,727	70.8	71,936	62,707	87.2	102,970	31,026	30.1	2,093	2,184
Native white.....	187,252	297,894	181,054	60.8	77,883	57,150	73.4	94,506	84,706	89.6	125,505	39,198	31.2	2,523	3,675
Native parentage.....	166,222	262,656	160,689	61.2	70,144	51,057	72.8	83,374	74,585	89.5	109,138	35,047	32.1	2,206	3,327
Foreign or mixed parentage.....	21,030	35,238	20,365	57.8	7,739	6,093	78.7	11,132	10,121	90.9	16,367	4,151	25.4	317	348
Foreign-born white.....	2,086	4,513	1,891	41.9	773	571	73.9	1,123	932	83.0	2,617	388	14.8	30	165
Negro.....	74,376	143,233	71,519	49.9	35,433	22,136	62.5	44,646	34,804	78.0	63,154	14,579	23.1	1,440	1,417
Rural, total.....	1,466,449	2,443,642	1,418,777	58.1	729,925	427,956	58.6	829,046	645,242	77.8	884,671	345,569	39.1	26,559	21,113
Male.....	739,444	1,232,972	714,843	58.0	369,577	214,919	58.2	425,001	324,921	76.5	438,394	175,003	39.9	12,828	11,773
Female.....	727,005	1,210,670	703,934	58.1	360,348	213,047	59.1	404,045	320,321	79.3	446,277	170,566	38.2	13,731	9,340
Native white.....	1,076,821	1,638,602	1,041,957	63.6	492,401	318,051	64.6	552,203	464,162	84.1	593,998	259,744	43.7	18,082	16,782
Native parentage.....	1,065,631	1,621,097	1,031,133	63.6	487,946	314,929	64.5	546,310	458,955	84.0	586,841	257,249	43.8	17,933	16,565
Foreign or mixed parentage.....	11,190	17,505	10,824	61.8	4,455	3,122	70.1	5,893	5,207	88.4	7,157	2,495	34.9	149	217
Foreign-born white.....	937	2,440	850	34.8	522	272	52.1	689	413	59.9	1,229	165	13.4	10	77
Negro.....	388,412	801,647	375,711	46.9	230,706	109,565	46.3	275,830	180,545	65.5	289,111	85,601	29.6	8,453	4,248
WEST SOUTH CENTRAL.															
Urban, total.....	342,290	571,407	329,880	57.7	154,821	100,054	64.6	181,580	156,987	86.5	235,006	72,839	31.0	4,830	7,580
Male.....	164,501	274,307	157,927	57.6	77,403	49,541	64.0	89,184	76,258	85.5	107,720	32,128	29.8	2,269	4,305
Female.....	177,789	297,100	171,953	57.9	77,418	50,513	65.2	92,396	80,729	87.4	127,286	40,711	32.0	2,561	3,275
Native white.....	268,273	422,218	258,581	61.2	116,822	78,096	66.8	135,514	121,189	89.4	169,882	59,297	34.9	3,592	6,100
Native parentage.....	229,785	355,359	221,411	62.3	99,166	67,078	67.6	113,099	102,653	90.1	142,284	51,680	36.3	2,993	5,381
Foreign or mixed parentage.....	38,488	66,859	37,170	55.6	17,656	11,017	62.4	21,605	18,536	85.8	27,598	7,617	27.6	599	719
Foreign-born white.....	6,800	17,962	6,384	35.5	3,335	1,700	48.1	5,121	3,519	68.7	9,306	1,165	12.5	111	305
Negro.....	65,749	129,316	63,510	49.1	33,944	19,851	58.5	40,282	31,666	78.6	55,090	11,993	21.8	1,109	1,130
Rural, total.....	1,432,810	2,486,167	1,417,127	57.0	757,836	418,792	55.3	834,951	660,915	79.2	893,380	337,420	37.8	16,451	19,232
Male.....	735,882	1,259,903	717,138	56.9	384,095	210,648	54.8	426,425	333,834	78.3	449,383	172,656	38.4	7,932	10,812
Female.....	716,928	1,226,264	699,989	57.1	373,741	208,144	55.7	408,526	327,081	80.1	443,997	164,764	37.1	8,519	8,420
Native white.....	1,171,758	1,839,094	1,143,698	62.2	564,512	341,243	60.4	615,930	526,451	85.5	658,652	276,004	41.9	12,776	15,284
Native parentage.....	1,097,145	1,692,987	1,070,490	63.2	521,638	321,150	61.6	565,733	488,497	86.3	605,596	280,843	43.1	12,135	14,520
Foreign or mixed parentage.....	74,613	146,107	73,208	50.1	42,854	20,993	46.9	50,197	37,954	75.6	53,056	15,161	28.6	641	764
Foreign-born white.....	7,187	33,198	6,808	20.5	6,721	1,674	24.9	9,896	3,788	38.3	16,582	1,346	8.1	43	336
Negro.....	250,944	586,281	249,226	42.5	177,558	70,527	39.7	199,983	123,077	61.5	208,740	55,622	26.6	3,357	3,361
MOUNTAIN.															
Urban, total.....	173,546	246,337	165,789	67.3	66,329	52,269	78.8	78,053	72,996	93.5	101,055	40,524	39.7	2,995	4,762
Male.....	85,156	120,988	80,982	66.9	33,208	26,170	78.8	38,749	36,277	93.6	49,031	18,535	37.8	1,503	2,671
Female.....	88,390	125,349	84,807	67.7	33,121	26,099	78.8	39,304	36,719	93.4	52,024	21,989	41.5	1,492	2,091
Native white.....	164,025	226,849	156,933	69.2	62,471	49,474	79.2	72,999	68,622	94.0	91,379	38,837	42.5	2,850	4,242
Native parentage.....	102,077	139,171	97,509	70.1	39,554	31,075	78.6	44,343	41,621	93.9	55,274	24,813	44.9	1,662	2,906
Foreign or mixed parentage.....	61,948	87,678	59,424	67.8	22,917	18,399	80.3	28,656	27,001	94.2	36,105	14,024	38.8	1,188	1,336
Foreign-born white.....	7,316	15,718	6,775	43.1	2,936	2,131	72.6	3,975	3,430	86.3	8,807	1,214	13.8	99	442
Negro.....	1,890	2,966	1,820	61.4	782	601	76.9	910	839	92.2	1,274	380	29.8	42	28
Rural, total.....	331,645	495,417	322,158	65.0	149,470	103,601	69.3	161,557	143,226	88.7	184,390	75,331	40.9	4,373	5,114
Male.....	170,832	259,522	165,577	63.8	75,813	52,524	69.3	83,453	73,933	88.6	100,256	39,120	39.0	2,172	3,103
Female.....	160,793	235,895	156,581	66.4	73,657	51,077	69.3	78,104	69,293	88.7	84,134	36,211	43.0	2,201	2,011
Native white.....	311,703	441,108	303,258	68.7	135,950	98,134	72.2	146,666	134,303	91.6	158,492	70			



## PRINCIPAL CITIES: 1909-10.

Statistics of school attendance in cities having 100,000 inhabitants or more in 1910 are given in Tables 16 and 17. Table 16 relates to the population 6 to 20 years of age and gives details by color or race, nativity, and parentage. A similar statement for cities having from 25,000 to 100,000 inhabitants is given in Table 18, pages 233 to 235. By reason of the peculiar interest which attaches to the population from 6 to 14 years of age—the ages of customary school attendance—statistics for this group are presented for the larger cities in Table 17, page 232.

In the larger cities the proportion of persons from 6 to 20 years of age attending school in 1909-10 ranged from 51 per cent in Richmond to 69.8 per cent in Cambridge. High percentages of school attendance (65 or over) are shown for Boston, Cambridge, Denver, Los Angeles, New Haven, Oakland, and Worcester, and comparatively low percentages (under 55) for Atlanta, Baltimore, Birmingham, Memphis, New Orleans, and Richmond. The fact that cities with a small percentage of school attendance are found almost entirely in the South is largely, but not wholly, explained by the large negro population in southern cities.

## SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES OF 100,000 INHABITANTS OR MORE: 1910.

[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
				Native parentage.			Foreign or mixed parentage.								
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Albany, N. Y.	23,794	14,816	62.3	13,553	8,948	66.0	8,498	5,115	60.2	1,521	625	41.1	220	128	58.2
Atlanta, Ga.	42,981	23,357	54.3	25,788	14,849	57.6	1,977	1,266	64.0	583	258	44.3	14,630	6,963	47.6
Baltimore, Md.	153,586	79,933	52.0	81,680	43,924	53.8	41,411	21,976	53.1	9,763	3,737	38.3	20,715	10,284	49.6
Birmingham, Ala.	36,939	20,135	54.5	19,150	11,065	57.8	3,056	1,798	58.8	707	294	41.6	14,025	6,978	49.8
Boston, Mass.	109,116	115,210	68.1	40,446	29,633	73.3	97,928	70,729	72.2	28,195	13,160	46.7	2,455	1,650	67.2
Bridgeport, Conn.	26,938	16,262	60.4	7,355	4,958	67.4	14,118	9,449	66.9	5,200	1,688	32.5	264	167	63.3
Buffalo, N. Y.	120,366	73,412	61.0	40,594	27,057	66.7	67,328	41,247	61.1	11,928	4,911	41.2	302	191	63.2
Cambridge, Mass.	27,426	19,152	69.8	6,654	5,035	75.7	15,950	11,646	73.0	3,590	1,583	44.1	1,227	886	72.2
Chicago, Ill.	594,012	349,037	58.8	129,847	87,524	67.4	368,343	224,172	60.9	88,414	33,005	37.3	7,226	4,243	58.7
Cincinnati, Ohio.	93,618	55,474	59.3	55,031	34,597	62.9	30,104	16,730	55.6	4,528	1,884	41.6	3,952	2,261	57.2
Cleveland, Ohio.	150,887	92,094	61.0	39,081	27,520	70.4	84,619	52,944	62.6	25,570	10,656	41.7	1,591	962	60.5
Columbus, Ohio.	44,354	27,631	62.3	31,770	20,564	64.7	8,474	4,976	58.7	1,380	578	41.9	2,717	1,506	55.4
Dayton, Ohio.	28,726	17,624	61.4	20,290	12,976	64.0	6,003	3,547	59.1	1,408	521	37.0	1,022	580	56.8
Denver, Colo.	51,958	34,537	66.5	27,775	19,012	68.5	19,962	13,294	66.6	3,116	1,549	49.7	1,044	645	61.8
Detroit, Mich.	122,979	69,808	56.8	33,365	21,848	65.5	60,899	40,152	57.4	18,577	7,152	38.5	1,121	647	57.7
Fall River, Mass.	36,235	22,819	63.0	5,124	3,883	75.8	22,802	15,351	67.3	8,236	3,543	43.0	64	40	62.5
Grand Rapids, Mich.	30,138	19,141	63.5	10,975	7,422	67.2	16,262	10,387	63.9	2,780	1,262	45.4	119	69	58.0
Indianapolis, Ind.	56,997	35,014	61.4	40,738	25,683	63.0	9,915	5,859	59.1	1,437	498	34.7	4,902	2,970	60.6
Jersey City, N. J.	78,300	47,198	60.3	27,760	18,128	65.3	40,657	25,306	62.2	8,594	2,952	34.3	1,282	811	63.3
Kansas City, Mo.	57,467	34,220	59.5	38,053	23,257	61.1	12,500	7,544	60.4	2,345	1,043	44.5	4,548	2,370	52.1
Los Angeles, Cal.	69,036	44,995	65.2	38,826	26,211	67.5	21,514	14,359	66.7	6,287	3,073	48.9	1,738	1,100	63.3
Louisville, Ky.	60,690	35,762	58.9	38,593	23,531	61.0	11,720	6,552	55.9	1,000	383	38.3	9,374	5,296	56.5
Lowell, Mass.	28,570	17,603	61.6	5,287	3,908	73.9	17,196	11,634	67.7	6,055	2,047	33.8	29	13	44.8
Memphis, Tenn.	32,462	17,169	52.9	16,161	9,744	60.3	2,952	1,798	60.9	722	278	38.5	12,617	5,343	42.3
Milwaukee, Wis.	109,078	63,228	58.0	30,854	21,076	68.3	67,352	37,904	56.3	10,723	4,167	38.9	145	79	54.5
Minneapolis, Minn.	75,611	48,655	64.3	25,699	17,939	69.9	42,371	27,392	64.6	7,152	3,047	42.6	406	270	66.5
Nashville, Tenn.	31,803	18,191	57.2	19,315	11,506	59.6	1,670	1,036	62.0	286	158	55.2	10,531	5,491	52.1
New Haven, Conn.	36,263	24,252	66.9	10,639	7,835	73.6	18,829	13,292	70.6	6,048	2,619	43.3	740	501	67.7
New Orleans, La.	98,468	52,799	53.6	55,866	32,569	58.3	15,604	8,190	52.5	2,276	897	39.4	24,685	11,129	45.1
New York, N. Y.	1,334,357	828,720	62.1	307,697	206,893	67.2	690,672	471,677	68.3	318,400	140,522	44.1	17,184	9,417	54.8
Manhattan Borough	685,659	393,915	57.5	98,078	63,072	64.3	313,339	212,431	67.8	204,648	87,890	43.0	10,374	5,282	51.0
Bronx Borough	124,812	80,989	64.9	55,783	34,530	61.9	70,615	45,343	64.3	17,530	7,566	43.2	881	544	61.7
Brooklyn Borough	471,767	303,689	64.4	132,623	89,212	67.3	247,740	170,418	68.8	89,390	40,970	47.4	4,903	2,932	59.8
Queens Borough	86,030	57,618	67.0	31,236	22,640	72.6	46,722	31,577	67.6	7,304	3,919	53.7	756	465	61.5
Richmond Borough	25,089	17,611	70.2	9,972	7,439	74.6	12,366	8,508	68.8	2,538	1,067	42.0	310	194	62.6
Newark, N. J.	97,544	61,916	63.5	30,348	20,460	67.4	48,836	32,846	67.3	16,256	7,283	44.8	2,087	1,318	63.2
Oakland, Cal.	34,131	22,253	65.2	14,143	9,929	70.2	16,063	10,360	64.5	2,648	1,227	46.3	533	325	61.0
Omaha, Nebr.	31,281	20,083	64.2	13,887	9,321	67.1	14,324	9,268	64.7	2,317	1,054	45.5	741	434	58.6
Paterson, N. J.	36,457	21,779	59.7	9,058	5,799	64.0	20,976	13,265	63.2	6,046	2,502	41.4	366	210	57.4
Philadelphia, Pa.	410,243	237,333	57.9	171,550	105,029	61.2	169,244	101,647	60.1	52,370	21,291	40.7	16,999	9,323	54.8
Pittsburgh, Pa.	146,609	85,777	58.5	55,570	35,536	63.9	68,814	41,049	59.7	16,600	5,813	35.0	5,605	3,368	60.1
Portland, Ore.	43,272	26,146	60.4	22,914	14,503	63.3	15,854	9,764	61.6	4,027	1,690	41.2	122	64	52.5
Providence, R. I.	57,559	35,309	61.3	15,302	10,583	69.2	30,168	19,900	66.2	10,863	3,990	36.7	1,177	743	63.1
Richmond, Va.	35,271	17,986	51.0	20,012	11,205	56.0	1,939	1,104	56.9	446	212	47.5	12,873	5,465	42.5
Rochester, N. Y.	54,998	33,752	61.4	22,223	14,891	67.0	25,363	15,624	61.6	7,227	3,129	43.3	176	105	59.7
St. Louis, Mo.	181,402	101,320	55.9	94,669	56,588	59.8	65,495	34,944	53.4	12,275	4,856	39.6	8,907	4,897	55.0
St. Paul, Minn.	58,946	37,187	63.1	18,708	12,986	69.4	35,262	21,922	62.2	4,408	1,957	44.4	496	319	64.3
San Francisco, Cal.	85,368	50,128	58.7	39,481	18,973	62.2	43,664	26,569	60.8	8,746	3,524	40.3	244	112	45.9
Scranton, Pa.	39,397	22,964	58.3	12,686	8,920	70.2	21,712	12,619	58.1	3,855	1,338	34.7	143	87	60.8
Seattle, Wash.	49,294	31,099	63.1	23,919	15,957	66.7	19,586	12,607	64.7	4,846	2,062	42.6	281	157	55.9
Spokane, Wash.	24,150	15,259	63.2	14,009	9,099	65.0	8,324	5,374	64.6	1,655	696	42.1	124	79	63.7
Syracuse, N. Y.	34,171	21,131	61.8	16,101	10,720	66.6	14,336	9,014	62.9	3,516	1,265	36.0	214	131	61.2
Toledo, Ohio.	45,314	28,198	62.2	22,156	15,080	67.8	19,837	11,729	59.1	2,962	1,218	41.1	350	215	61.4
Washington, D. C.	79,249	50,859	64.2	43,082	28,724	66.7	10,465	7,079	67.6	2,047	1,018	49.7	23,593	14,000	59.3
Worcester, Mass.	38,277	24,928	65.1	10,718	7,752	72.3	21,711	14,695	67.7	5,562	2,292	41.2	282	185	65.6



For children from 6 to 14 years of age the percentage attending school is generally high. For the principal cities the range of variation was from 74.4 in Richmond and Birmingham to 95.2 in Cambridge. Among the 50 cities having 100,000 inhabitants or more there are 21 in which 90 per cent or over of the children from

6 to 14 years of age were reported as attending school. Exceptionally high percentages (92 and over) are shown for Boston, Bridgeport, Cambridge, New Haven, and Omaha, while low percentages (less than 80) are noted in Atlanta, Baltimore, Birmingham, Memphis, Nashville, New Orleans, and Richmond.

## SCHOOL ATTENDANCE OF CHILDREN 6 TO 14 YEARS OF AGE IN CITIES OF 100,000 INHABITANTS OR MORE: 1910.

[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
				Native parentage.			Foreign or mixed parentage.								
	Total number	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Albany, N. Y.	13,380	11,824	88.4	7,966	7,063	88.7	4,671	4,124	88.3	617	524	84.9	125	113	90.4
Atlanta, Ga.	24,099	18,486	76.7	14,661	11,620	79.3	1,160	974	84.0	265	206	77.7	8,011	5,685	71.0
Baltimore, Md.	87,891	68,218	77.6	47,294	36,895	78.0	24,985	19,540	78.2	4,339	3,267	75.3	11,265	8,509	75.5
Birmingham, Ala.	21,539	16,019	74.4	11,350	8,488	74.8	1,878	1,470	78.3	329	254	77.2	7,982	5,807	72.8
Boston, Mass.	100,560	94,234	93.7	24,514	22,094	90.5	63,620	60,001	94.3	10,965	9,873	90.0	1,430	1,337	93.5
Bridgeport, Conn.	15,299	14,123	92.3	4,361	4,058	93.1	9,116	8,448	92.7	1,660	1,476	88.9	162	141	87.0
Buffalo, N. Y.	69,405	60,813	87.6	24,041	21,652	90.1	40,452	35,033	86.6	4,730	3,966	83.8	176	157	89.2
Cambridge, Mass.	16,592	15,718	95.2	4,021	3,818	95.0	10,336	9,918	96.0	1,391	1,265	90.9	752	715	95.1
Chicago, Ill.	336,808	296,766	88.1	79,064	70,540	89.2	219,774	193,994	88.3	34,078	28,760	84.4	3,840	3,424	89.2
Cincinnati, Ohio.	50,425	45,685	90.6	31,462	28,593	90.9	15,110	13,718	90.8	1,826	1,565	85.7	2,024	1,807	89.3
Cleveland, Ohio.	86,513	78,595	90.8	23,915	22,285	93.2	51,073	46,160	90.4	10,675	9,366	87.7	838	775	92.5
Columbus, Ohio.	24,086	21,531	89.4	17,641	15,892	90.1	4,445	3,934	88.5	597	489	81.9	1,396	1,210	86.7
Dayton, Ohio.	15,959	14,377	90.1	11,586	10,483	90.5	3,265	2,946	90.2	551	462	83.8	556	486	87.4
Denver, Colo.	29,307	26,457	90.3	15,905	14,242	89.5	11,380	10,397	91.4	1,417	1,283	90.5	579	513	88.6
Detroit, Mich.	68,847	59,575	86.5	19,785	17,844	90.2	41,034	35,025	85.4	7,405	6,162	83.2	615	536	87.2
Fall River, Mass.	21,700	19,915	91.8	3,388	3,242	95.7	15,202	13,923	91.6	3,071	2,713	88.3	37	36	.....
Grand Rapids, Mich.	17,100	15,385	90.0	6,365	5,651	88.8	9,447	8,593	91.0	1,222	1,082	88.5	65	58	.....
Indianapolis, Ind.	31,986	29,068	90.7	23,368	21,220	90.8	5,350	4,867	91.0	506	422	83.4	2,759	2,496	90.5
Jersey City, N. J.	47,024	40,556	86.2	17,088	15,348	86.8	25,454	21,997	86.4	3,107	2,336	81.6	774	674	87.1
Kansas City, Mo.	30,571	26,572	86.9	20,504	17,822	86.9	6,765	5,952	88.0	1,044	884	84.7	2,251	1,910	84.9
Los Angeles, Cal.	37,189	33,701	90.6	21,179	19,167	90.5	12,076	11,075	91.7	2,820	2,455	87.1	933	868	93.0
Louisville, Ky.	33,689	29,701	88.2	22,321	19,704	88.3	6,104	5,452	89.3	362	305	84.3	4,902	4,240	86.5
Lowell, Mass.	16,119	14,720	91.3	3,235	3,024	93.5	10,966	10,054	91.7	1,906	1,632	85.6	12	10	.....
Memphis, Tenn.	17,444	13,372	76.7	9,093	7,463	82.1	1,609	1,362	84.6	296	225	76.0	6,440	4,317	67.0
Milwaukee, Wis.	62,112	54,165	87.2	18,851	16,993	90.1	38,670	33,389	86.3	4,517	3,724	82.4	72	58	.....
Minneapolis, Minn.	40,014	35,912	89.7	14,184	12,621	89.0	22,878	20,686	90.4	2,722	2,405	88.4	225	197	87.6
Nashville, Tenn.	17,657	13,730	77.8	11,081	8,763	79.1	901	760	84.4	136	109	80.1	5,538	4,098	74.0
New Haven, Conn.	21,724	20,466	94.2	6,525	6,172	94.6	12,315	11,654	94.6	2,446	2,239	91.5	436	400	91.7
New Orleans, La.	57,661	44,377	77.0	34,014	27,338	80.4	8,633	6,835	79.2	1,009	746	73.9	13,990	9,446	67.5
New York, N. Y.	770,037	698,015	90.6	188,327	170,200	90.4	446,143	407,354	91.3	126,530	112,532	88.9	8,864	7,783	87.8
Manhattan Borough	343,780	308,582	89.8	67,406	60,887	88.8	205,212	184,056	90.6	78,061	69,225	88.7	4,995	4,345	87.0
Brooklyn Borough	74,875	68,212	91.1	22,608	20,457	90.5	44,854	41,141	91.7	6,897	6,153	89.2	512	457	89.6
Queens Borough	282,610	257,235	91.0	81,367	73,678	90.6	160,589	147,259	91.7	37,842	33,814	89.4	2,764	2,441	88.3
Richmond Borough	52,923	49,191	92.9	20,449	19,106	93.4	29,310	27,858	95.0	2,739	2,458	89.7	418	382	91.4
Staten Island Borough	15,849	14,795	93.3	6,497	6,072	93.5	8,181	7,680	93.9	991	882	89.0	177	158	89.3
Newark, N. J.	57,529	52,885	91.9	18,534	16,984	91.6	30,963	28,678	92.6	6,837	6,138	89.8	1,184	1,076	90.9
Oakland, Cal.	18,952	16,827	88.8	8,371	7,419	88.6	8,819	7,890	89.5	1,145	1,007	87.9	280	247	88.2
Omaha, Neb.	16,817	15,624	92.9	7,608	7,023	92.3	7,838	7,373	94.1	986	883	89.6	382	343	89.8
Paterson, N. J.	21,415	19,294	90.1	5,566	4,976	89.4	13,103	11,968	90.9	2,526	2,217	87.8	217	192	88.5
Philadelphia, Pa.	237,900	205,009	86.2	100,957	87,969	87.1	104,892	90,244	86.0	22,413	18,727	83.6	9,004	8,051	89.3
Pittsburgh, Pa.	84,821	72,316	85.3	33,588	29,001	86.3	41,799	35,537	85.0	6,054	4,941	81.6	3,371	2,833	84.0
Portland, Ore.	22,255	19,084	85.8	12,149	10,382	85.5	8,291	7,231	87.2	1,611	1,328	82.4	63	48	.....
Providence, R. I.	33,114	25,550	89.2	9,053	8,247	91.1	19,381	17,353	89.5	3,968	3,319	83.6	679	608	88.8
Richmond, Va.	19,560	14,562	74.4	11,343	8,983	79.2	1,088	892	82.0	202	173	85.6	6,927	4,514	65.2
Rochester, N. Y.	30,312	27,859	91.9	12,851	11,871	92.4	14,468	13,206	92.0	2,895	2,591	89.5	96	90	.....
St. Louis, Mo.	99,905	85,421	85.5	55,384	47,575	85.9	34,513	29,606	85.8	5,251	4,272	81.4	4,725	3,941	83.4
St. Paul, Minn.	31,498	28,871	91.7	10,784	9,709	90.6	18,646	17,234	92.4	1,806	1,624	89.9	261	243	93.1
San Francisco, Cal.	44,633	38,659	86.6	17,005	14,660	86.2	23,419	20,009	85.0	3,324	2,813	84.6	108	87	80.6
Scranton, Pa.	23,398	19,525	83.4	8,545	7,337	85.9	13,220	10,958	82.9	1,553	1,157	74.5	80	73	.....
Seattle, Wash.	26,432	22,589	85.5	13,373	11,462	85.7	10,801	9,285	86.0	1,958	1,606	82.0	153	127	83.0
Spokane, Wash.	13,513	11,363	84.1	8,111	6,765	83.4	4,636	3,985	86.0	696	553	79.5	61	54	.....
Syracuse, N. Y.	19,186	16,857	87.9	9,180	8,071	87.9	8,624	7,627	88.4	1,255	1,046	83.3	126	112	88.9
Toledo, Ohio.	25,952	23,499	90.5	13,080	12,151	92.9	11,390	10,086	88.6	1,286	1,085	84.4	191	173	90.6
Washington, D. C.	44,719	38,775	86.7	24,796	21,767	87.8	6,080	5,392	88.7	905	782	86.4	12,910	10,807	83.7
Worcester, Mass.	22,313	20,422	91.5	6,388	5,917	92.6	13,741	12,543	91.3	2,011	1,800	89.5	170	159	93.7



## SCHOOL ATTENDANCE.

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## SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
				Native parentage.			Foreign or mixed parentage.								
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Alabama															
Mobile.....	14,097	8,083	57.3	6,756	4,453	65.9	1,114	689	61.8	198	88	44.4	6,027	2,853	47.3
Montgomery.....	10,760	5,288	49.1	4,792	2,423	50.6	377	214	56.8	70	26	.....	5,518	2,624	47.6
Arkansas															
Little Rock.....	12,016	7,134	59.4	6,760	4,280	63.3	1,238	731	59.0	103	38	36.9	3,912	2,085	53.3
California															
Berkeley.....	10,050	7,466	74.3	5,222	4,139	79.3	3,932	2,823	71.8	596	341	57.2	69	43	.....
Pasadena.....	6,621	4,814	72.7	4,521	3,440	76.1	1,621	1,117	68.9	288	138	47.9	159	111	69.8
Sacramento.....	9,381	5,485	58.5	5,274	3,272	62.0	3,050	1,740	57.0	624	245	39.3	103	49	47.6
San Diego.....	8,552	5,806	67.9	5,129	3,565	69.5	2,539	1,786	70.3	722	355	49.2	113	68	60.2
San Jose.....	6,868	4,776	69.5	3,558	2,558	71.9	2,733	1,931	70.7	481	231	48.0	23	14	.....
Colorado															
Colorado Springs.....	7,255	5,214	71.9	5,319	3,852	72.4	1,502	1,079	71.8	164	89	54.3	266	194	72.9
Pueblo.....	10,887	7,050	64.8	6,315	4,222	66.9	3,243	2,285	70.5	990	347	35.1	331	196	59.2
Connecticut															
Hartford.....	25,039	17,134	68.4	7,805	5,731	73.4	12,678	9,175	72.4	4,111	1,908	46.4	441	317	71.9
Meriden town.....	9,312	6,174	66.3	2,607	1,929	74.0	5,738	3,807	66.3	909	389	42.8	58	49	.....
Meriden city.....	7,651	5,223	68.3	2,180	1,620	74.0	4,792	3,203	66.8	811	551	67.9	58	49	.....
New Britain.....	12,305	7,783	63.3	2,689	2,020	75.1	6,877	4,929	71.7	2,709	816	30.1	30	18	.....
Norwich town.....	7,651	5,019	65.6	2,431	1,819	74.8	3,819	2,599	68.1	1,237	492	39.8	158	106	67.1
Stamford town.....	7,602	4,827	63.5	2,666	1,840	69.0	3,611	2,443	67.7	1,258	506	40.2	67	38	.....
Stamford city.....	6,781	4,277	63.1	2,227	1,543	69.3	3,309	2,214	67.1	1,189	488	40.5	65	38	.....
Waterbury.....	20,388	13,471	66.1	5,555	3,943	71.0	11,298	8,113	71.8	3,358	1,300	38.7	175	114	65.1
Delaware															
Wilmington.....	23,202	13,404	57.8	12,593	7,648	60.7	6,096	3,940	58.8	1,586	440	27.7	2,326	1,375	59.1
Florida															
Jacksonville.....	14,497	7,643	52.7	5,749	3,133	54.5	907	546	60.2	259	90	34.7	7,571	3,864	51.0
Tampa.....	10,678	5,598	52.4	3,324	2,017	60.7	2,739	1,690	61.7	2,300	720	31.3	2,313	1,171	50.6
Georgia															
Augusta.....	11,317	5,927	52.4	5,667	3,277	57.8	390	258	66.2	76	31	.....	5,179	2,358	45.5
Macon.....	11,854	6,097	51.4	6,165	3,483	56.5	262	191	72.9	81	29	.....	5,346	2,394	44.8
Savannah.....	17,399	9,084	52.2	6,607	3,984	60.3	1,748	1,071	61.3	352	158	44.9	8,692	3,871	44.5
Illinois															
Aurora.....	7,817	4,517	57.8	3,545	2,324	65.6	3,633	2,021	55.6	559	127	22.7	80	45	.....
Bloomington.....	6,576	4,269	64.9	4,033	2,805	69.6	2,156	1,264	58.6	180	76	42.2	207	124	59.9
Danville.....	7,529	4,983	66.2	5,098	3,896	68.4	1,423	854	60.0	81	33	.....	327	200	61.2
Decatur.....	8,872	5,199	62.1	6,374	4,054	63.6	1,618	942	58.2	193	96	49.7	187	107	57.2
East St. Louis.....	15,349	8,519	55.5	9,735	5,741	59.0	3,146	1,746	55.5	1,086	308	28.4	1,382	724	52.4
Elgin.....	6,578	4,274	65.0	2,931	2,076	70.8	3,321	2,049	61.7	290	128	44.1	36	21	.....
Joliet.....	9,607	5,863	61.7	3,414	2,363	69.2	4,945	3,099	62.7	1,041	333	32.0	107	68	63.6
Peoria.....	16,651	10,124	60.8	10,656	6,671	62.6	5,174	3,080	59.5	484	193	39.9	336	180	53.6
Quincy.....	9,727	5,729	58.9	6,730	4,223	62.7	2,545	1,277	50.2	67	22	.....	383	207	54.0
Rockford.....	11,885	7,020	59.1	4,354	2,916	67.0	6,220	3,699	59.5	1,274	384	30.1	37	21	.....
Springfield.....	13,578	8,064	59.4	8,413	5,189	61.7	3,790	2,119	55.9	630	302	47.9	743	452	60.8
Indiana															
Evansville.....	18,985	10,628	56.0	14,256	8,204	57.5	3,034	1,496	49.3	97	25	.....	1,598	903	56.5
Fort Wayne.....	10,582	6,032	57.1	11,826	7,473	63.2	5,189	2,852	55.0	407	174	42.8	125	80	64.0
South Bend.....	14,679	8,114	55.3	6,256	3,895	62.3	6,573	3,493	53.1	1,700	637	37.5	126	76	60.3
Terre Haute.....	15,539	9,500	61.1	12,626	7,863	62.3	2,046	1,196	58.5	211	77	36.5	656	364	55.5
Iowa															
Cedar Rapids.....	8,763	5,583	63.7	5,051	3,425	67.8	3,221	1,929	59.9	450	203	45.1	41	26	.....
Clinton.....	6,900	4,649	67.4	3,541	2,576	72.7	3,061	1,926	62.9	189	69	36.5	109	78	71.6
Council Bluffs.....	8,163	5,434	66.6	5,267	3,637	69.1	2,660	1,671	65.3	267	87	32.6	62	39	.....
Davenport.....	11,349	7,117	62.7	6,175	4,241	68.7	4,720	2,668	56.5	319	120	37.6	135	88	65.2
Des Moines.....	22,300	14,633	65.6	14,830	10,069	67.9	5,924	3,788	63.9	876	378	43.2	670	398	59.4
Dubuque.....	10,531	6,598	62.7	6,260	4,225	67.5	4,038	2,280	56.5	215	79	36.7	17	14	.....
Sioux City.....	12,889	7,893	61.2	6,548	4,289	65.5	5,213	3,172	60.8	1,060	385	36.3	68	47	.....
Waterloo.....	6,842	4,475	65.4	5,184	3,532	68.1	1,447	884	61.1	208	57	27.4	3	2	.....
Kansas															
Kansas City.....	22,923	13,924	60.7	14,330	9,035	63.0	5,180	3,113	60.1	1,032	275	26.6	2,371	1,497	63.1
Topeka.....	11,198	6,829	61.0	7,410	4,651	62.8	2,172	1,256	57.8	351	130	37.0	1,262	791	62.7
Wichita.....	13,591	8,490	62.5	11,293	7,177	63.6	1,421	873	61.4	219	80	36.5	655	358	54.7
Kentucky															
Covington.....	14,764	8,448	57.2	10,713	6,382	59.6	3,362	1,694	50.4	55	24	.....	633	348	55.0
Lexington.....	8,649	5,609	64.9	5,478	3,761	68.7	409	272	66.5	61	28	.....	2,696	1,546	57.3
Newport.....	8,498	4,669	54.9	5,889	3,367	57.2	2,221	1,107	49.8	234	111	47.4	154	84	54.5
Louisiana															
Shreveport.....	7,626	4,186	54.9	3,030	1,936	63.9	412	279	67.7	109	45	41.3	4,074	1,926	47.3
Maine															
Lewiston.....	7,725	4,269	55.3	2,112	1,444	68.4	3,716	2,239	60.3	1,883	580	30.8	14	6	.....
Portland.....	13,831	9,500	68.7	6,787	4,796	70.7	5,640	4,114	72.9	1,337	543	40.6	65	46	.....



## ABSTRACT OF THE CENSUS—POPULATION.

SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

[Per cent not shown where base is less than 100.]

Table 18—Continued.

Table 18—Continued.				NATIVE WHITE.									FOREIGN-BORN WHITE.			NEGRO.		
CITY.	ALL CLASSES.			Native parentage.						Foreign or mixed parentage.			Total number.	Attending school.		Total number.	Attending school.	
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.							
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.						
Massachusetts																		
Brockton.....	14,505	9,793	67.5	5,675	4,004	70.6	6,920	4,986	72.1	1,754	704	40.1	155	99	63.9			
Brookline town.....	5,766	4,220	73.2	2,452	2,013	82.1	2,709	2,078	76.7	583	118	20.2	21	11	.....			
Chelsea.....	9,007	5,678	63.0	1,646	1,073	65.2	4,689	3,244	69.2	2,599	1,316	50.6	69	41	.....			
Chicopee.....	7,630	4,728	62.0	1,568	1,199	76.5	4,332	2,999	69.2	1,727	530	30.7	3	.....	.....			
Everett.....	9,243	6,516	70.5	2,607	1,854	71.1	5,467	4,024	73.6	912	434	47.6	255	204	80.0			
Fitchburg.....	10,648	6,760	63.5	2,538	1,850	72.9	6,215	4,275	68.8	1,888	631	33.4	5	4	.....			
Haverhill.....	11,201	7,569	67.6	4,526	3,217	71.1	5,123	3,720	72.6	1,456	565	38.8	95	66	.....			
Holyoke.....	17,907	10,742	60.0	3,134	2,273	72.5	11,294	7,236	64.1	3,462	1,225	35.4	14	7	.....			
Lawrence.....	23,320	14,063	59.8	3,592	2,636	73.4	12,906	8,628	66.9	6,976	2,772	39.7	45	27	.....			
Lynn.....	21,328	13,781	64.6	7,271	5,080	69.9	10,348	7,171	69.3	3,509	1,417	40.4	189	112	59.3			
Malden.....	12,296	8,642	70.3	3,363	2,478	73.7	7,188	5,310	73.9	1,600	750	46.9	144	104	72.2			
New Bedford.....	26,784	15,300	57.1	4,233	2,913	68.8	14,136	9,063	64.1	7,760	2,931	37.8	650	390	60.0			
Newton.....	10,255	7,700	75.1	3,939	3,379	85.8	4,968	3,856	77.6	1,233	390	31.6	111	73	65.8			
Pittsfield.....	8,067	5,230	64.8	4,031	2,814	69.8	3,254	2,077	63.8	709	289	40.8	73	50	.....			
Quincy.....	9,096	6,380	70.1	2,403	1,872	77.9	5,429	3,919	72.2	1,251	585	46.8	11	4	.....			
Salem.....	11,829	7,881	66.6	3,573	2,734	76.5	6,302	4,428	70.3	1,915	696	36.3	33	19	.....			
Somerville.....	18,903	13,923	73.3	6,639	5,086	76.6	10,611	8,039	75.8	1,675	750	44.8	67	48	.....			
Springfield.....	22,158	15,182	68.5	8,009	6,294	73.1	10,184	7,324	71.9	3,003	1,299	43.3	353	258	73.1			
Taunton.....	8,991	5,507	61.3	3,222	2,212	68.7	4,491	2,876	64.0	1,203	370	30.8	75	49	.....			
Waltham.....	7,309	5,092	69.7	2,526	1,917	75.9	3,991	2,839	71.1	764	315	41.2	25	20	.....			
Michigan																		
Battle Creek.....	5,841	3,955	67.7	4,337	2,993	69.0	1,118	768	68.7	279	125	44.8	107	69	64.5			
Bay City.....	13,696	8,869	64.8	4,007	3,035	75.7	8,963	5,430	60.6	694	383	55.2	29	18	.....			
Flint.....	8,871	4,739	53.4	5,368	3,049	56.8	2,720	1,378	50.7	677	255	37.7	106	57	53.8			
Jackson.....	7,249	4,697	64.8	4,616	3,113	67.4	2,247	1,424	63.4	316	123	38.9	70	37	.....			
Kalamazoo.....	9,580	6,067	63.3	5,340	3,507	65.7	3,268	2,060	63.0	814	404	49.6	156	96	61.5			
Lansing.....	7,988	4,877	61.1	5,162	3,160	61.2	2,332	1,487	63.8	403	157	39.0	91	73	.....			
Saginaw.....	13,619	8,771	64.4	5,420	3,788	69.9	7,379	4,550	61.7	758	398	52.5	61	34	.....			
Minnesota																		
Duluth.....	20,615	13,016	63.1	3,966	2,656	67.0	13,771	9,228	67.0	2,812	1,090	38.8	60	38	.....			
Missouri																		
Joplin.....	8,947	5,900	65.9	8,207	5,429	66.2	518	350	67.6	35	22	.....	187	99	52.9			
St. Joseph.....	20,299	12,375	61.0	14,453	8,995	62.2	4,117	2,507	60.9	730	309	42.3	995	561	56.4			
Springfield.....	10,127	6,361	62.8	8,599	5,469	63.6	869	538	61.9	35	3	.....	618	348	56.3			
Montana																		
Butte.....	8,761	6,187	70.6	2,775	2,069	74.6	5,209	3,784	71.8	650	294	45.2	39	27	.....			
Nebraska																		
Lincoln.....	11,049	7,675	69.5	6,783	4,935	72.8	2,965	2,038	68.7	1,137	596	52.4	158	100	63.3			
South Omaha.....	7,879	4,659	59.1	2,853	1,840	64.5	3,978	2,419	60.8	882	308	34.9	161	91	56.5			
New Hampshire																		
Manchester.....	21,059	11,717	55.6	4,105	2,861	69.7	10,781	6,964	64.6	6,165	1,888	30.6	8	4	.....			
Nashua.....	7,429	4,470	60.2	2,028	1,514	74.7	3,657	2,473	67.6	1,744	483	27.7	.....	.....	.....			
New Jersey																		
Atlantic City.....	10,291	5,945	57.8	5,532	3,275	59.2	2,347	1,527	65.1	750	311	41.5	1,661	832	50.1			
Bayonne.....	16,857	10,909	64.7	3,800	2,584	68.0	10,011	7,049	70.4	2,916	1,193	40.9	129	82	63.6			
Camden.....	25,637	14,532	56.7	13,915	8,195	58.9	8,389	4,822	57.5	1,865	646	34.6	1,467	865	59.0			
East Orange.....	8,199	5,567	67.9	4,617	3,451	74.7	2,462	1,685	68.4	632	155	24.5	485	276	56.9			
Elizabeth.....	20,499	12,387	60.4	6,757	4,543	67.2	10,317	6,486	62.9	3,947	1,152	29.2	378	206	54.5			
Hoboken.....	20,343	12,201	60.0	5,101	3,350	65.7	11,937	7,524	63.0	3,271	1,305	39.9	33	22	.....			
Orange.....	8,172	5,303	64.9	2,729	1,868	68.4	3,056	2,729	89.0	908	328	36.1	578	378	65.4			
Passaic.....	17,687	8,297	46.9	2,392	1,717	71.8	7,393	4,918	66.5	7,770	1,594	20.5	132	68	51.5			
Perth Amboy.....	9,503	5,694	59.9	1,582	1,096	69.3	5,639	3,826	67.8	2,242	752	33.5	40	20	.....			
Trenton.....	26,495	16,409	61.9	10,966	7,244	66.1	11,278	7,477	66.3	3,762	1,395	37.1	486	293	60.3			
West Hoboken town.....	10,558	5,633	53.4	2,709	1,594	58.8	6,067	3,348	55.2	1,765	686	38.9	10	4	.....			
New York																		
Amsterdam.....	8,235	4,477	54.4	2,771	1,815	65.5	3,538	2,195	62.0	1,905	453	23.8	21	14	.....			
Auburn.....	7,882	4,800	60.9	4,083	2,809	68.8	2,757	1,695	61.5	953	235	24.7	89	61	.....			
Binghamton.....	11,053	7,400	67.0	7,424	5,362	72.2	2,446	1,646	67.3	1,073	323	30.1	108	67	62.0			
Elmira.....	9,407	6,476	68.8	5,766	4,068	70.6	2,897	1,929	66.6	619	395	63.8	125	84	67.2			
Jamestown.....	7,904	5,068	64.1	2,438	1,733	71.1	4,271	2,868	67.2	1,167	448	38.4	27	19	.....			
Kingston.....	7,180	4,293	59.8	4,698	2,993	63.7	1,981	1,092	55.1	323	104	32.2	178	104	58.4			
Mount Vernon.....	8,475	6,104	72.0	3,653	2,873	78.6	3,609	2,711	75.1	1,005	423	42.1	207	97	46.9			
New Rochelle.....	7,748	5,339	68.9	2,555	1,893	74.1	3,665	2,769	75.6	1,116	454	40.7	411	223	54.3			
Newburgh.....	7,370	4,274	58.0	4,177	2,539	60.8	2,650	1,542	58.2	402	124	30.8	141	69	48.9			
Niagara Falls.....	7,553	4,779	63.3	2,205	1,537	69.7	3,476	2,455	70.6	1,829	762	41.7	42	25	.....			
Poughkeepsie.....	6,641	3,794	57.1	4,015	2,391	59.6	2,008	1,185	59.0	471	134	28.5	147	84	57.1			
Schenectady.....	17,826	11,348	63.7	7,950	5,208	65.5	7,501	5,137	68.5	2,322	970	41.8	53	33	.....			
Troy.....	19,557	12,921	66.1	10,004	7,187	71.8	8,074	5,113	63.3	1,363	540	39.6	116	81	69.8			
Utica.....	19,244	11,190	58.1	7,789	4,948	63.5	7,862	4,913	62.5	3,519	1,278	36.3	74	51	.....			
Watertown.....	6,396	4,294	67.1	3,284	2,294	69.9	2,231	1,592	71.4	866	397	45.8	15	11	.....			
Yonkers.....	22,986	15,310	66.6	7,070	5,256	74.3	11,884	8,743	73.6	3,695	1,115	30.2	333	194	58.3			
North Carolina																		
Charlotte.....	10,404	5,379	51.7	6,374	3,599	56.5	174	124	71.3	54	29	.....	3,801	1,627	42.8			
Wilmington.....	7,228	4,062	56.1	3,452	2,116	61.3	232	157	67.7	23	7	.....	3,517	1,772	50.4			



## SCHOOL ATTENDANCE.

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## SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

[Per cent not shown where base is less than 100.]

Table 18—Continued.				NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
CITY.	ALL CLASSES.			Native parentage.			Foreign or mixed parentage.			Total number.	Attending school.		Total number.	Attending school.	
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.			Total number.	Attending school.			
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.			Number.		Per cent.	Number.
Ohio															
Akron.....	17,402	10,186	58.6	10,341	6,333	61.2	5,382	3,198	59.4	1,514	563	37.2	165	95	57.6
Canton.....	13,040	7,477	57.3	8,630	5,335	61.8	3,334	1,829	54.9	1,007	275	27.3	68	38	.....
Hamilton.....	9,765	5,814	59.5	7,399	4,504	61.1	2,068	1,137	55.0	181	78	43.1	145	94	64.8
Lima.....	8,392	5,317	63.4	6,868	4,373	63.7	1,137	726	63.9	129	54	41.9	258	164	63.6
Lorain.....	7,523	4,857	64.6	2,563	1,826	71.2	3,316	2,315	69.8	1,538	666	43.3	106	50	47.2
Newark.....	6,581	4,037	61.3	5,524	3,459	62.6	785	484	61.7	187	46	24.6	85	48	.....
Springfield.....	12,142	7,479	61.6	8,891	5,585	63.5	1,946	1,091	56.1	136	41	30.1	1,258	761	60.5
Youngstown.....	20,243	11,091	54.8	7,248	4,494	62.0	9,516	5,460	57.4	3,077	943	30.6	400	194	48.5
Zanesville.....	6,988	4,156	59.5	5,896	3,475	59.9	714	437	61.2	103	35	34.0	361	209	57.9
Oklahoma															
Muskogee.....	6,640	3,908	58.9	3,882	2,361	60.8	254	157	61.8	26	4	.....	2,370	1,309	55.2
Oklahoma City.....	15,425	9,392	60.9	12,036	7,511	62.4	1,463	911	62.3	222	53	23.9	1,682	907	53.9
Pennsylvania															
Allentown.....	14,075	7,938	56.4	10,589	6,311	59.6	2,239	1,358	60.7	1,218	257	21.1	28	12	.....
Altoona.....	14,438	9,085	62.9	11,106	7,124	64.1	2,661	1,612	60.6	560	276	49.3	111	73	66.8
Chester.....	10,440	5,822	55.8	5,592	3,285	58.7	2,931	1,656	56.5	736	211	28.7	1,180	670	56.8
Easton.....	7,289	4,261	58.5	5,589	3,394	60.7	1,147	686	59.8	472	145	30.7	80	35	.....
Erie.....	18,492	10,576	57.2	8,661	5,386	62.2	8,258	4,661	56.4	1,500	488	32.5	73	41	.....
Harrisburg.....	15,973	10,437	65.3	12,890	8,559	66.4	1,392	985	70.8	630	269	42.7	1,061	624	58.8
Hazleton.....	8,332	5,321	63.9	3,291	2,270	69.0	4,379	2,781	63.5	659	268	40.7	3	2	.....
Johnstown.....	15,594	8,526	54.7	8,712	5,282	60.6	4,540	2,604	57.4	2,260	602	26.6	80	38	.....
Lancaster.....	12,507	7,531	60.2	10,061	6,090	60.5	1,997	1,211	60.6	240	116	48.3	209	114	54.5
McKeesport.....	13,012	8,158	62.7	4,905	3,331	67.9	6,250	4,081	65.3	1,623	597	36.8	232	149	64.2
New Castle.....	9,563	5,954	62.3	5,178	3,490	67.4	2,955	2,009	68.0	1,302	388	29.8	127	67	52.8
Norristown borough.....	6,746	3,751	55.6	4,408	2,595	58.9	1,556	827	53.1	518	182	35.1	263	147	55.9
Reading.....	25,751	14,407	55.9	20,686	11,900	57.5	3,702	2,026	54.7	1,173	371	31.6	189	110	58.2
Shenandoah borough.....	8,022	4,675	58.3	1,892	1,223	64.6	4,795	3,135	65.4	1,332	316	23.7	3	1	.....
Wilkes-Barre.....	20,337	12,568	61.8	8,409	5,758	68.5	9,941	6,087	61.2	1,827	605	33.1	160	118	73.8
Williamsport.....	8,526	5,446	63.9	6,671	4,322	64.8	1,433	874	61.0	147	64	43.5	275	186	67.6
York.....	12,260	7,363	60.1	11,019	6,651	60.4	786	499	63.5	151	53	35.1	304	160	52.6
Rhode Island															
Newport.....	7,885	5,882	74.6	3,167	2,442	77.1	3,898	3,011	77.2	462	188	40.7	354	238	67.2
Pawtucket.....	14,501	8,993	62.0	3,840	2,715	70.7	8,324	5,350	64.3	2,265	879	38.8	68	47	.....
Warwick town.....	8,027	4,689	58.4	2,049	1,399	68.3	4,395	2,792	63.5	1,536	472	30.7	46	25	.....
Woonsocket.....	12,005	6,685	55.7	1,852	1,268	68.5	6,824	4,172	61.1	3,324	1,244	37.4	5	1	.....
South Carolina															
Charleston.....	17,022	8,654	50.8	6,288	3,775	60.0	1,240	725	58.5	158	50	31.6	9,336	4,104	44.0
Columbia.....	7,272	3,869	53.2	3,654	2,214	60.6	145	91	62.8	68	33	.....	3,405	1,531	45.0
Tennessee															
Chattanooga.....	11,790	6,833	58.0	6,226	3,927	63.1	670	482	71.9	160	93	58.1	4,734	2,331	49.2
Knoxville.....	10,725	5,747	53.6	8,127	4,522	55.6	430	278	64.7	69	39	.....	2,099	908	43.3
Texas															
Austin.....	8,872	5,688	64.1	4,895	3,326	67.9	1,421	870	61.2	162	45	27.8	2,389	1,446	60.5
Dallas.....	24,099	13,440	54.4	16,782	9,411	56.1	2,916	1,664	57.1	449	180	40.1	4,546	2,184	48.0
El Paso.....	11,195	5,901	52.7	3,998	2,572	64.3	2,892	1,581	54.7	3,964	1,570	39.7	332	177	53.3
Fort Worth.....	19,713	10,433	52.9	14,066	7,795	55.4	1,732	969	55.9	446	100	22.4	3,467	1,568	45.2
Galveston.....	9,663	5,561	57.5	4,175	2,576	61.7	3,046	1,784	58.6	499	184	36.9	1,939	1,016	52.4
Houston.....	21,125	10,941	51.8	10,735	5,830	54.3	3,363	1,742	51.8	578	181	31.3	6,442	3,186	49.5
San Antonio.....	28,655	15,350	53.6	14,389	8,448	58.7	8,236	4,339	52.7	2,915	1,098	37.7	3,096	1,458	47.1
Waco.....	8,231	4,782	58.1	5,370	3,296	61.4	892	529	59.3	127	56	44.1	1,834	898	49.0
Utah															
Ogden.....	7,735	5,422	70.1	4,054	2,982	73.6	3,160	2,183	69.1	464	233	50.2	27	17	.....
Salt Lake City.....	25,832	17,173	66.4	11,961	8,549	71.5	11,899	7,727	64.9	1,831	813	44.4	106	61	57.5
Virginia															
Lynchburg.....	8,801	4,680	53.2	5,592	3,150	56.3	248	177	71.4	40	17	.....	2,920	1,336	45.8
Norfolk.....	17,717	10,040	56.7	9,400	5,854	62.3	1,493	1,029	68.9	479	230	48.0	6,341	2,925	46.1
Portsmouth.....	9,371	4,792	51.1	5,251	2,853	54.3	808	415	51.4	137	50	36.5	3,175	1,474	46.4
Roanoke.....	10,517	6,129	58.3	7,505	4,575	61.0	374	222	59.4	85	32	.....	2,552	1,300	50.9
Washington															
Tacoma.....	20,360	13,262	65.1	9,004	6,202	68.9	9,135	6,013	65.8	1,974	901	45.6	133	75	56.4
West Virginia															
Huntington.....	9,418	5,659	60.1	8,520	5,124	60.1	252	155	61.5	42	15	.....	603	365	60.5
Wheeling.....	11,018	6,139	55.7	7,309	4,289	58.7	3,047	1,637	53.7	459	110	24.0	203	103	50.7
Wisconsin															
Green Bay.....	7,680	5,120	66.7	3,785	2,781	73.5	3,707	2,250	60.7	152	55	42.8	10	4	.....
La Crosse.....	9,078	5,927	65.3	3,904	2,839	72.7	4,917	2,971	60.4	235	100	42.6	22	17	.....
Madison.....	6,578	4,604	70.0	3,709	2,791	75.2	2,508	1,630	65.0	321	157	48.9	30	19	.....
Oshkosh.....	9,716	6,310	64.9	3,490	2,629	75.3	5,646	3,423	60.6	550	241	43.8	26	15	.....
Racine.....	10,473	6,458	61.7	3,025	2,091	69.1	6,168	3,844	62.3	1,251	505	40.4	28	17	.....
Sheboygan.....	8,175	4,911	60.1	2,531	1,764	69.7	4,588	2,690	58.6	1,055	456	43.2	1	1	.....
Superior.....	10,992	7,721	70.2	2,872	2,155	75.0	6,776	4,942	72.9	1,282	589	45.9	19	10	.....



**COMPARATIVE SUMMARY: 1910 AND 1900.**

In comparing the results of the census of 1910 with those of the preceding census, two considerations must be borne in mind. In the first place the principal tabulations of the census of 1900 relate to persons from 5 to 20 years of age, while those of 1910 relate to persons from 6 to 20 years of age. This renders it impossible to carry the comparison between the two censuses into all the various details which have been exhibited in connection with the figures for 1910. In order, however, to permit a general comparison of the statistics of the two censuses, certain special tabulations have been made for 1910 with the same age groups as in 1900.

A further distinction between the census of 1910 and that of 1900 lies in the form in which the question was asked. In 1910 the question was whether the person enumerated had attended school at any time between September 1, 1909, and the date of enumeration, April 15, 1910. In 1900 the question was asked as to how many months the person enumerated had attended school during the year prior to the date of enumeration, June 1, 1900. The whole number of persons for whom the length of school attendance was reported was taken to be the aggregate number attending school. It is possible that the greater complexity of the question led to less complete returns at the earlier census, in which case the increased proportion of persons reported as attending school for 1910, as compared with 1900, would be due in part to greater accuracy in the returns.

**United States as a whole.**—Table 19 gives for the United States as a whole comparative figures for 1910 and 1900 for each of the main population groups, with distinction of sex.

In every group of the population given in the table without exception the proportion reported as attending school was greater in 1910 than in 1900. Of the

total population from 5 to 20 years of age, 59.2 per cent were reported at the later census as attending school, as against 50.5 per cent at the earlier census. Among the three subordinate age groups which appear in Table 19 the group 5 to 9 years shows the greatest difference between the proportions reported at the two censuses, and the group 15 to 20 years shows the smallest difference. Among the important racial classes the negroes show the largest gain during the decade in the proportion attending school. The percentages for the Chinese and Japanese also were much higher in 1910 than in 1900, but of course these races have very few representatives between the ages of 5 and 20 years.

**Divisions and states.**—Comparative figures for school attendance as reported at the censuses of 1910 and 1900 for the total population from 5 to 20 years of age, with percentages for the minor age groups, are given, by divisions and states, in Table 20, page 238.

In every division and state and for each of the age groups, except for the age group 15 to 20 years in Nevada, the percentage of children reported as attending school was greater in 1910 than in 1900. Moreover, in nearly every case the greatest gain appears to be in the proportion for the age group 5 to 9 years. The gains in the percentages shown for the total population from 5 to 20 years of age, and especially for the age group from 5 to 9 years, are particularly noticeable in the three southern divisions, and point at the same time to increased school accommodations and to a growing habit of sending children to school at an earlier age. It may be noted specifically that in West Virginia and the District of Columbia alone in the southern divisions was the proportion of the population from 5 to 20 years of age reported as attending school in 1900 as much as one-half. In 1910, on the other hand, there were only five southern states in which the proportion was less than one-half.



## SCHOOL ATTENDANCE.

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## COMPARATIVE STATISTICS OF SCHOOL ATTENDANCE, FOR THE UNITED STATES: 1910 AND 1900.

[Per cent not shown where base is less than 100.]

Table 19	TOTAL NUMBER OF PERSONS ATTENDING SCHOOL.		PERSONS 5 TO 20 YEARS OF AGE.						PERSONS 5 TO 9 YEARS OF AGE.					
			1910			1900			1910			1900		
			Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
	1910	1900		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
<b>Total</b> .....	15,009,891	13,367,147	29,785,997	17,646,877	59.2	25,041,940	13,160,909	50.5	9,780,632	6,024,993	61.7	8,874,123	4,266,322	48.1
Male.....	9,037,655	6,668,825	14,952,530	8,833,533	59.1	13,048,537	6,544,412	50.2	4,924,123	3,028,267	61.5	4,479,396	2,154,397	48.1
Female.....	8,972,236	6,698,324	14,833,467	8,813,344	59.4	12,993,403	6,616,488	50.9	4,856,509	2,996,726	62.0	4,394,727	2,111,995	48.1
White.....	16,279,292	12,231,004	25,992,293	15,945,412	61.3	22,441,947	12,039,594	53.6	8,475,173	5,495,043	64.8	7,638,326	3,971,175	52.0
Male.....	8,230,847	6,137,874	13,092,081	8,031,599	61.3	11,271,583	6,021,453	53.4	4,285,366	2,771,424	64.7	3,862,349	2,009,800	52.0
Female.....	8,058,445	6,093,130	12,900,212	7,913,813	61.3	11,170,364	6,018,141	53.9	4,189,807	2,723,619	65.0	3,775,977	1,961,375	51.9
Negro.....	1,670,650	1,096,734	3,677,860	1,644,759	44.7	3,499,187	1,083,516	31.0	1,246,553	514,014	41.2	1,202,758	284,784	23.7
Male.....	783,899	509,984	1,797,688	771,587	42.9	1,721,758	503,099	29.2	619,175	248,936	40.2	600,410	139,201	23.2
Female.....	886,751	586,750	1,880,172	873,172	46.4	1,777,429	580,417	32.7	627,378	265,078	42.3	602,348	145,583	24.2
Indian.....	53,458	37,537	102,163	51,877	50.8	89,632	36,243	40.4	36,541	14,818	40.6	31,937	9,851	30.8
Chinese.....	3,887	1,349	7,286	3,314	45.5	4,927	1,259	25.4	1,264	655	51.8	1,024	452	44.1
Japanese.....	2,512	323	6,039	1,459	24.2	6,247	297	4.8	1,088	458	42.1	78	40	.....
All other.....	92	.....	356	56	15.7	.....	.....	.....	13	5	.....	.....	.....	.....
Native white.....	15,627,786	11,849,815	24,403,180	15,330,814	62.8	21,248,914	11,668,616	54.9	8,176,664	5,291,576	64.7	7,491,134	3,885,580	51.9
Male.....	7,882,607	5,943,300	12,267,050	7,715,983	62.9	10,687,135	5,833,538	54.6	4,134,714	2,668,530	64.5	3,788,622	1,966,766	51.9
Female.....	7,745,179	5,906,515	12,136,130	7,614,831	62.7	10,561,779	5,835,078	55.2	4,041,950	2,623,046	64.9	3,702,512	1,918,814	51.8
Native parentage.....	11,110,583	8,244,687	17,246,081	10,892,733	63.2	14,876,715	8,112,850	54.5	5,861,015	3,669,519	62.6	5,174,220	2,516,045	48.6
Male.....	5,611,901	4,141,997	8,691,250	5,488,627	63.2	7,506,903	4,061,193	54.1	2,969,230	1,851,934	62.4	2,623,791	1,275,458	48.6
Female.....	5,498,682	4,102,690	8,554,831	5,404,106	63.2	7,369,812	4,051,657	55.0	2,891,785	1,817,585	62.9	2,550,429	1,240,587	48.6
Foreign or mixed parentage.....	4,517,203	3,605,128	7,157,099	4,438,061	62.0	6,372,199	3,555,766	55.8	2,315,649	1,622,057	70.0	2,316,914	1,369,535	59.1
Male.....	2,270,706	1,801,303	3,575,800	2,227,356	62.3	3,180,232	1,772,345	55.7	1,165,484	816,596	70.1	1,164,831	691,308	59.3
Female.....	2,246,497	1,803,825	3,581,299	2,210,705	61.7	3,191,967	1,783,421	55.9	1,150,165	805,461	70.0	1,152,083	678,227	58.9
Foreign-born white.....	651,506	381,189	1,589,113	614,598	38.7	1,193,033	370,978	31.1	298,509	203,467	68.2	147,192	85,595	58.2
Male.....	338,240	194,674	825,031	315,616	38.3	584,448	187,915	32.2	150,652	102,894	68.3	73,727	43,034	58.4
Female.....	313,266	186,515	764,082	298,982	39.1	608,585	183,063	30.1	147,857	100,573	68.0	73,465	42,561	57.9

Table 19—Continued.

Table 19—Continued.	PERSONS 10 TO 14 YEARS OF AGE.						PERSONS 15 TO 20 YEARS OF AGE.					
	1910			1900			1910			1900		
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
<b>Total</b> .....	9,107,140	8,628,662	88.2	8,080,234	6,451,394	79.8	10,918,225	3,593,222	32.9	9,087,583	2,443,204	26.9
Male.....	4,601,753	4,036,105	87.7	4,083,041	3,215,585	78.8	5,426,654	1,769,161	32.6	4,486,100	1,174,520	26.2
Female.....	4,505,387	3,992,557	88.6	3,997,193	3,235,809	81.0	5,491,571	1,824,061	33.2	4,601,483	1,268,684	27.6
White.....	7,918,408	7,212,607	91.1	6,959,238	5,846,411	84.0	9,598,712	3,217,762	33.7	7,844,383	2,222,008	28.3
Male.....	4,006,104	3,643,988	91.0	3,519,303	2,928,743	83.2	4,800,611	1,616,187	33.7	3,889,931	1,082,910	27.8
Female.....	3,912,304	3,568,619	91.2	3,439,935	2,917,668	84.8	4,798,101	1,621,575	33.8	3,954,452	1,139,098	28.8
Negro.....	1,155,266	791,995	68.6	1,091,990	587,560	53.8	1,276,041	338,750	26.5	1,204,439	211,172	17.5
Male.....	578,074	379,486	65.6	548,642	277,832	50.6	600,439	143,165	23.8	572,706	86,066	15.0
Female.....	577,192	412,509	71.5	543,348	309,728	57.0	675,602	195,585	28.9	631,733	125,106	19.8
Indian.....	31,393	22,446	71.5	27,979	16,885	60.3	34,229	14,613	42.7	29,716	9,507	32.0
Chinese.....	1,575	1,221	77.5	845	479	56.7	4,447	1,438	32.3	3,058	319	10.4
Japanese.....	477	375	78.6	182	59	32.4	4,474	626	14.0	5,987	198	3.3
All other.....	21	18	.....	.....	.....	.....	322	33	10.2	.....	.....	.....
Native white.....	7,560,078	6,904,115	91.3	6,647,673	5,618,931	84.5	8,666,438	3,135,123	36.2	7,110,107	2,164,105	30.4
Male.....	3,824,801	3,486,397	91.2	3,361,671	2,813,012	83.7	4,307,535	1,561,056	36.2	3,536,842	1,053,760	29.8
Female.....	3,735,277	3,417,718	91.5	3,286,002	2,805,919	85.4	4,358,903	1,574,067	36.1	3,573,265	1,110,345	31.1
Native parentage.....	5,324,283	4,827,471	90.7	4,660,390	3,904,900	83.8	6,060,783	2,395,763	39.5	5,042,105	1,691,905	33.6
Male.....	2,700,636	2,439,554	90.3	2,364,797	1,956,336	82.7	3,021,364	1,197,139	39.6	2,518,315	829,399	32.9
Female.....	2,623,627	2,387,917	91.0	2,295,593	1,948,564	84.9	3,039,419	1,198,624	39.4	2,523,790	862,506	34.2
Foreign or mixed parentage.....	2,235,785	2,076,644	92.9	1,987,283	1,714,031	86.2	2,605,655	739,360	28.4	2,068,002	472,200	22.8
Male.....	1,124,145	1,046,843	93.1	996,874	856,676	85.9	1,286,171	363,917	28.3	1,018,527	224,361	22.0
Female.....	1,111,650	1,029,801	92.6	990,409	857,355	86.6	1,319,484	375,443	28.5	1,049,475	247,839	23.6
Foreign-born white.....	358,330	308,492	86.1	311,565	227,480	73.0	932,274	102,639	11.0	734,276	57,903	7.9
Male.....	181,303	157,591	86.9	157,632	115,731	73.4	493,076	55,131	11.2	353,089	29,150	8.3
Female.....	177,027	150,901	85.2	153,933	111,749	72.6	439,198	47,508	10.8	381,187	28,753	7.5



## COMPARATIVE STATISTICS OF SCHOOL ATTENDANCE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 20 DIVISION AND STATE.	PERSONS 5 TO 20 YEARS OF AGE.				PERSONS UNDER 5 AND OVER 20 YEARS OF AGE ATTENDING SCHOOL.		PER CENT OF POPULATION ATTENDING SCHOOL.							
	Total number.		Number attending school.		1910	1900	5 to 20 years of age.		5 to 9 years of age.		10 to 14 years of age.		15 to 20 years of age.	
	1910	1900	1910	1900			1910	1900	1910	1900	1910	1900	1910	1900
United States .....	29,785,997	26,041,940	17,646,877	13,160,900	363,014	206,247	59.2	50.5	61.7	48.1	88.2	79.8	32.9	26.9
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.....	1,848,762	1,567,519	1,193,359	901,924	28,869	25,237	64.5	57.5	79.5	66.5	94.1	90.0	29.0	24.1
Middle Atlantic.....	5,737,064	4,740,858	3,456,647	2,528,223	74,726	38,894	60.3	53.3	70.4	59.3	92.9	85.7	26.2	20.2
East North Central.....	5,604,728	5,293,105	3,502,178	3,007,220	73,825	47,628	62.5	56.8	70.1	58.3	93.8	88.1	30.9	27.7
West North Central.....	3,827,601	3,660,016	2,475,434	2,154,345	55,157	32,852	64.7	58.9	67.7	57.0	93.6	88.3	38.3	33.9
South Atlantic.....	4,459,130	3,999,118	2,377,044	1,616,355	41,400	21,623	53.3	40.4	49.9	32.6	78.7	65.6	33.6	25.4
East South Central.....	3,116,180	2,944,696	1,701,020	1,209,673	29,171	15,966	54.6	41.1	50.0	31.3	79.0	65.8	37.2	28.3
West South Central.....	3,299,750	2,590,057	1,765,344	1,019,020	29,756	10,965	53.5	39.3	46.5	25.4	80.5	68.3	36.4	26.7
Mountain.....	799,419	535,358	494,287	296,627	10,904	4,460	61.8	55.4	59.3	49.2	90.2	85.2	40.5	34.8
Pacific.....	1,093,363	711,213	681,564	427,513	19,206	8,622	62.3	60.1	63.4	58.7	94.1	91.8	38.2	34.7
<b>NEW ENGLAND:</b>														
Maine.....	209,063	199,153	137,671	117,016	3,160	2,900	65.9	58.8	76.0	61.9	92.4	89.5	35.2	31.5
New Hampshire.....	118,951	110,895	76,058	61,022	1,492	1,271	63.9	55.0	76.8	62.6	94.5	87.5	29.3	23.6
Vermont.....	101,396	98,614	69,348	58,879	1,183	1,203	68.4	59.7	77.9	64.5	96.6	92.1	36.2	28.8
Massachusetts.....	941,376	777,110	614,105	454,419	16,014	13,913	65.2	58.5	81.2	68.5	94.5	91.2	29.2	24.0
Rhode Island.....	158,287	124,646	93,674	64,691	2,568	1,353	59.2	51.9	74.4	64.5	91.6	84.0	23.2	16.5
Connecticut.....	319,689	257,101	202,503	145,897	4,452	4,537	63.3	56.7	80.9	67.2	94.3	89.9	24.9	20.4
<b>MIDDLE ATLANTIC:</b>														
New York.....	2,620,393	2,136,764	1,611,496	1,152,712	39,367	20,261	61.5	53.9	73.2	60.8	94.4	88.1	27.3	19.4
New Jersey.....	758,864	572,923	459,147	305,750	10,125	3,488	60.5	53.4	74.8	62.5	91.8	84.2	23.7	17.7
Pennsylvania.....	2,357,807	2,031,171	1,386,004	1,069,761	25,234	15,145	58.8	52.7	66.0	56.9	91.6	83.7	25.6	21.8
<b>EAST NORTH CENTRAL:</b>														
Ohio.....	1,405,040	1,338,345	881,138	779,999	16,950	10,723	62.7	58.3	69.7	59.0	94.3	91.4	32.2	29.5
Indiana.....	832,200	843,885	518,312	485,821	11,430	6,130	62.3	57.6	66.8	55.3	93.5	90.5	32.8	31.1
Illinois.....	1,729,929	1,589,915	1,041,227	866,281	23,119	13,544	60.2	54.5	67.8	56.9	92.7	83.2	28.3	26.3
Michigan.....	854,710	790,275	558,126	456,148	10,800	8,578	65.3	57.7	73.9	60.4	95.5	89.8	33.7	26.6
Wisconsin.....	782,789	730,685	503,375	418,971	11,526	8,653	64.3	57.3	75.4	61.3	93.9	88.4	29.6	24.1
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....	693,788	612,990	452,077	352,053	10,790	5,756	65.2	57.4	67.9	56.9	95.6	89.5	37.7	27.8
Iowa.....	721,392	767,870	487,453	483,909	11,819	8,709	67.6	63.0	76.9	67.2	94.0	91.0	38.0	34.4
Missouri.....	1,053,618	1,105,258	653,509	597,367	12,463	6,744	61.4	54.0	63.4	50.3	91.6	83.4	35.4	31.3
North Dakota.....	198,361	112,789	119,006	58,138	2,643	710	60.0	51.5	57.6	43.2	90.0	84.3	36.5	28.4
South Dakota.....	198,023	147,165	124,217	88,514	2,686	1,307	62.7	60.1	60.3	51.6	92.0	90.5	40.3	39.4
Nebraska.....	400,452	380,384	269,593	243,907	6,236	4,669	67.3	63.1	73.5	61.4	94.9	91.8	39.8	38.4
Kansas.....	551,967	527,560	369,579	330,397	8,520	4,937	67.0	62.6	66.6	57.8	95.2	91.1	44.2	41.5
<b>SOUTH ATLANTIC:</b>														
Delaware.....	61,948	59,635	35,703	28,466	627	287	57.6	47.7	60.3	45.9	88.4	78.8	30.1	22.2
Maryland.....	415,905	403,026	230,123	183,399	4,505	2,451	55.3	45.5	60.8	45.1	85.7	76.6	24.8	18.6
District of Columbia.....	84,491	77,291	52,124	39,027	2,564	877	61.7	50.5	67.4	44.9	93.2	87.5	35.0	27.5
Virginia.....	750,782	704,771	395,987	297,304	5,709	4,026	52.7	42.2	44.2	33.1	80.5	68.5	35.6	27.3
West Virginia.....	428,683	356,471	263,150	184,294	4,261	2,116	61.4	51.7	59.5	41.7	90.9	82.1	37.4	34.3
North Carolina.....	847,886	753,826	486,328	313,063	8,668	4,626	57.4	41.5	50.9	30.2	79.8	63.3	43.2	33.1
South Carolina.....	607,937	560,773	295,288	174,681	5,071	2,847	48.6	31.2	42.9	22.6	71.9	52.1	32.6	20.8
Georgia.....	998,715	885,725	487,408	310,214	7,373	3,374	48.8	35.0	47.8	29.3	72.2	58.2	27.9	19.3
Florida.....	262,783	197,600	130,733	85,907	2,622	1,019	49.7	43.5	47.6	34.4	73.8	71.1	30.8	27.6
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.....	812,192	798,027	465,705	381,434	7,776	3,860	57.3	47.8	54.1	38.2	84.4	76.8	36.5	30.7
Tennessee.....	795,122	780,421	443,411	336,072	7,779	4,845	55.8	43.1	50.0	33.1	81.7	68.4	38.9	30.1
Alabama.....	811,307	733,222	389,969	236,022	6,876	3,511	48.1	32.3	40.2	20.4	71.7	54.5	34.4	24.2
Mississippi.....	697,559	633,026	401,935	255,245	6,740	3,750	57.6	40.3	56.9	33.5	78.2	61.5	39.0	27.8
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	595,930	529,375	327,911	227,374	5,884	2,806	55.0	43.0	50.5	32.0	77.8	66.3	39.8	32.5
Louisiana.....	622,046	538,267	252,764	152,192	4,203	1,527	40.6	28.3	38.1	21.4	62.5	50.5	23.0	14.5
Oklahoma <sup>1</sup> .....	611,791	306,781	388,319	129,015	5,882	1,527	63.5	42.1	58.0	31.6	91.2	66.9	44.4	29.3
Texas.....	1,469,983	1,215,634	796,350	510,439	13,727	5,105	54.2	42.0	43.6	22.6	84.8	77.5	37.2	28.9
<b>MOUNTAIN:</b>														
Montana.....	100,972	65,871	61,468	38,177	1,287	433	60.9	58.0	61.0	55.5	90.3	89.9	37.2	32.3
Idaho.....	104,469	54,964	67,291	32,711	1,312	376	64.4	59.5	56.4	50.3	93.2	90.5	47.2	40.3
Wyoming.....	38,593	27,500	23,270	14,740	475	177	60.3	53.6	62.4	51.3	91.4	86.7	35.5	29.2
Colorado.....	231,389	160,531	149,779	95,075	3,633	1,633	64.7	59.2	65.6	55.0	93.4	89.0	40.7	36.9
New Mexico.....	114,227	69,712	65,808	28,336	909	336	57.6	40.6	53.3	31.7	81.7	65.6	40.7	26.1
Arizona.....	61,634	38,868	30,761	17,136	585	359	49.9	44.1	45.9	40.1	77.6	68.9	30.8	26.4
Utah.....	130,809	106,513	85,602	64,017	2,454	908	65.4	60.1	60.5	50.6	95.0	92.2	44.1	39.9
Nevada.....	17,326	11,399	10,308	6,435	249	218	59.5	56.5	62.8	52.4	90.0	85.7	34.3	37.2
<b>PACIFIC:</b>														
Washington.....	314,213	158,245	196,781	99,318	4,914	1,413	62.6	62.8	61.3	60.9	94.5	93.0	39.5	37.5
Oregon.....	187,043	132,887	118,035	82,237	3,404	1,274	63.1	61.9	61.2	57.9	94.2	92.7	41.2	38.9
California.....	592,107	420,081	366,778	245,958	10,888	5,935	61.9	58.6	65.3	58.1	93.8	91.1	36.6	32.5

<sup>1</sup> Includes population of Indian Territory for 1900.



## ILLITERACY.

## UNITED STATES AS A WHOLE.

The population schedule for the census of 1910 contained two inquiries relating to illiteracy, namely, as to whether the person enumerated was able to read and as to whether he or she was able to write. Answers to these questions were required only in the case of persons 10 years of age and over. The statistics, unless otherwise more particularly limited, relate to this class of the population. The Bureau of the Census classifies as illiterate any person 10 years of age or over who is unable to write, regardless of ability to read. A considerable number of persons were reported as able to read, though not able to write, but the statistics in regard to this class have not seemed of sufficient significance to call for a separate presentation in a summary of illiteracy statistics.

**Number of illiterates.**—The whole number of persons 10 years of age and over enumerated at the census of 1910 who were reported as unable to write was 5,516,163. The distribution of this number by color or race, nativity, and parentage, together with corresponding figures for the three previous censuses, is given in Table 21.

CLASS OF POPULATION.	ILLITERATE POPULATION 10 YEARS OF AGE AND OVER.				
	1910		1900	1890	1880
	Number.	Per cent of total.			
<b>Total</b> .....	<b>5,516,163</b>	<b>100.0</b>	<b>6,180,069</b>	<b>6,324,702</b>	<b>6,239,958</b>
White.....	3,184,633	57.7	3,200,746	3,212,574	3,019,080
Native.....	1,534,272	27.8	1,913,611	2,065,003	2,255,460
Native parentage.....	1,378,884	25.0	1,734,764	1,890,723	
Foreign or mixed par.....	155,388	2.8	178,847	174,280	
Foreign born.....	1,650,361	29.9	1,287,135	1,147,571	763,620
Negro.....	2,227,731	40.4	2,853,194	3,042,668	
Indian.....	85,445	1.5	96,347		
Chinese.....	10,891	0.2	25,396	69,460	3,220,878
Japanese.....	6,213	0.1	4,386		
All other.....	1,250	( <sup>2</sup> )			

<sup>1</sup> Exclusive of illiterate persons in Indian Territory and on Indian reservations, areas specially enumerated in 1890, but for which illiteracy statistics are not available.

<sup>2</sup> Less than one-tenth of 1 per cent.

The whites, who in 1910 constituted 89.3 per cent of the total population 10 years of age and over, contributed 57.7 per cent of the illiterates, while the negroes, constituting 10.2 per cent of the total population 10 years of age and over, contributed 40.4 per cent of the illiterates. Among the remaining classes—the Indians, Chinese, Japanese, and all others—the total number of illiterates was 103,799, or 1.9 per cent of all illiterates reported.

The number of illiterates reported in 1910 was considerably less than the number reported at any of the three preceding censuses covered by Table 21. Despite the fact of continuous growth in the population of the country, there was comparatively little difference in the number of illiterates reported at the censuses of 1880, 1890, and 1900, the largest number being reported in 1890. From 1890 to 1910 the number of illiterate whites gradually decreased, while the number

of illiterate native whites has shown a decrease at each succeeding census since 1880, the decrease being most marked between 1900 and 1910. On the other hand, the number of illiterate foreign-born whites steadily increased, rising from 763,620 in 1880 to 1,650,361 in 1910. The number of illiterates among the negroes was decidedly smaller in 1910 than in 1890, the first census year at which illiterate negroes were clearly distinguished from all other classes of the population.

**Percentage of illiteracy.**—The significance of the figures relating to illiteracy can best be seen by a comparison of the number of illiterates with the corresponding total population. Table 22 shows the total population 10 years of age and over, and the number and percentage illiterate, by color or race, nativity, and parentage.

CLASS OF POPULATION.	POPULATION 10 YEARS OF AGE AND OVER: 1910		
	Total.	Illiterate.	
		Number.	Per cent.
<b>Total</b> .....	<b>71,580,270</b>	<b>5,516,163</b>	<b>7.7</b>
White.....	63,933,870	3,184,633	5.0
Native.....	50,989,341	1,534,272	3.0
Native parentage.....	37,081,278	1,378,884	3.7
Foreign or mixed parentage.....	13,908,063	155,388	1.1
Foreign born.....	12,944,529	1,650,361	12.7
Negro.....	7,317,922	2,227,731	30.4
Indian.....	188,758	85,445	45.3
Chinese.....	68,924	10,891	15.8
Japanese.....	67,661	6,213	9.2
All other.....	3,135	1,250	39.9

Of the entire population 10 years of age and over in 1910, 7.7 per cent were illiterate. Of the whites 5 per cent were illiterate and of the negroes 30.4 per cent. Among the foreign-born whites 12.7 per cent were illiterate as compared with 3 per cent among the native whites. The lowest percentage of illiteracy, 1.1, was among the native whites of foreign or mixed parentage, while among the native whites of native parentage the percentage was 3.7.

The changes in the percentage of illiteracy in the United States since 1880 are shown for the several classes of the population in Table 23.

CLASS OF POPULATION.	PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER.			
	1910	1900	1890	1880
	7.7	10.7	13.3	17.0
<b>Total</b> .....	<b>7.7</b>	<b>10.7</b>	<b>13.3</b>	<b>17.0</b>
White.....	5.0	6.2	7.7	9.4
Native.....	3.0	4.6	6.2	8.7
Native parentage.....	3.7	5.7	7.5	
Foreign or mixed parentage.....	1.1	1.6	2.2	
Foreign born.....	12.7	12.9	13.1	12.0
Negro.....	30.4	44.5	57.1	
Indian.....	45.3	56.2		
Chinese.....	15.8	29.0	45.2	10.0
Japanese.....	9.2	18.2		
All other.....	39.9			



The percentage of illiteracy for the population as a whole declined from 17 in 1880 to 7.7 in 1910. With the exception of the foreign-born whites, each class of the population shared in this decline, which was gradual and uninterrupted from census to census. In the native white group the percentage of illiteracy in 1910 was less than one-half as high as in 1880, and the same is evidently true of the negroes, who constituted much the larger part of the total non-white population for which the percentage is shown for 1880. The percentage of illiteracy among the foreign-born whites increased somewhat between 1880 and 1890, but decreased slightly during the following decades.

**Illiteracy by sex.**—Table 24 gives for 1910 a statement of illiteracy by sex and by color or race, nativity, and parentage.

CLASS OF POPULATION.	POPULATION 10 YEARS OF AGE AND OVER: 1910					
	Male.			Female.		
	Total.	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.
<b>Total.....</b>	<b>37,027,558</b>	<b>2,814,950</b>	<b>7.6</b>	<b>34,552,712</b>	<b>2,701,213</b>	<b>7.8</b>
White.....	33,164,229	1,662,505	5.0	30,769,641	1,522,128	4.9
Native.....	25,843,033	796,053	3.1	25,146,308	738,217	2.9
Native parentage.....	18,933,751	715,926	3.8	18,147,527	662,958	3.7
Foreign or mixed parentage.....	6,909,282	80,129	1.2	6,998,781	75,259	1.1
Foreign born.....	7,321,195	866,450	11.8	5,623,333	783,911	13.9
Negro.....	3,637,386	1,096,000	30.1	3,680,536	1,131,731	30.7
Indian.....	96,582	40,104	41.5	92,176	45,341	49.2
Chinese.....	65,479	9,849	15.0	3,445	1,042	30.2
Japanese.....	60,809	5,247	8.6	6,832	966	14.1
All other.....	3,073	1,245	40.5	62	5	(1)

<sup>1</sup> Per cent not shown where base is less than 100.

In the total population 10 years of age and over the percentage of illiteracy for females was slightly higher than that for males. The percentage for females was greater than that for males among the negroes, Indians, Chinese, and Japanese, the difference being especially marked in the case of the last three classes named. Among the whites the percentage of illiteracy was slightly greater for males than for females. Figures for the component elements of the white group show, however, that among the native born, whether of native or of foreign or mixed parentage, illiteracy was less frequent among females, while among the foreign born the contrary was the case.

**Illiteracy by age periods.**—Table 27 on the next page shows the total population in the various age groups, with the number and percentage illiterate, classified by sex and by color or race, nativity, and parentage. Table 25 reproduces the more important percentages shown in Table 27.

While for the entire population 10 years of age and over the percentage of illiteracy was 7.7, it will be noted that in the age group 10 to 14 years only 4.1 per cent were illiterate. Each succeeding age group shows

a greater proportion of illiterates, but not until the age group 35 to 44 years is reached does the percentage of illiteracy for a single group become as large as the average for all ages; in the final age group, 65 years and over, however, the proportion of illiteracy was almost double the average for the total population 10 years of age and over. These figures reflect in part the educational conditions under which successive generations have grown up. A particular interest attaches to the figures for the younger groups, inasmuch as they indicate in some degree the efficiency of our present educational system. As in the population as a whole, so in each of its main classes except the foreign-born whites, the proportion of illiteracy is larger in each succeeding age group. The maximum percentage of illiteracy for the foreign-born whites, 15.3, is shown for the age group 20 to 24 years, but in each succeeding age group except the last—65 years and over—the proportion of illiterates for this class was smaller than in the preceding group. The fact that immigration in recent years has been drawn more largely than formerly from countries with a high degree of illiteracy probably accounts for this condition.

Table 25	PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER: 1910						
AGE PERIOD.	All classes.	White.					Negro.
		Total.	Native.			Foreign born.	
			Total.	Native parentage.	Foreign or mixed parentage.		
10 years and over.	7.7	5.0	3.0	3.7	1.1	12.7	30.4
10 to 14 years.....	4.1	1.8	1.7	2.2	0.6	3.5	18.9
15 to 19 years.....	4.9	2.8	1.9	2.4	0.8	12.8	20.3
20 to 24 years.....	6.9	4.6	2.3	2.8	0.9	15.3	23.9
25 to 34 years.....	7.3	5.2	2.4	3.0	0.9	14.4	24.6
35 to 44 years.....	8.1	5.4	3.0	3.8	1.1	12.3	32.3
45 to 64 years.....	10.7	6.7	5.0	6.0	1.9	11.1	52.7
65 years and over.....	14.5	9.4	7.3	7.6	4.7	13.8	74.5

**Illiteracy in the urban and the rural population.**—The proportion of illiteracy is higher in the rural than in the urban population. Table 26 shows the percentage of illiteracy for the urban and the rural population in 1910, classified by color or race, nativity, and parentage. (For absolute numbers see Table 32 on a subsequent page.)

CLASS OF POPULATION.	PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER: 1910.		
	Total.	Urban.	Rural.
<b>Total.....</b>	<b>7.7</b>	<b>5.1</b>	<b>10.1</b>
White.....	5.0	4.2	5.8
Native.....	3.0	0.8	4.8
Native parentage.....	3.7	0.9	5.4
Foreign or mixed parentage.....	1.1	0.7	1.9
Foreign born.....	12.7	12.6	13.2
Negro.....	30.4	17.6	36.1
Indian, Chinese, Japanese, and all other.....	31.6	11.0	40.0



## ILLITERACY.

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## ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, FOR THE UNITED STATES: 1910 AND 1900.

[Per cent not shown where base is less than 100.]

Table 27.	CLASS OF POPULATION.	POPULATION 10 YEARS OF AGE AND OVER: 1910 <sup>1</sup>			POPULATION 10 YEARS OF AGE AND OVER: 1900 <sup>1</sup>			PERSONS 10 TO 14 YEARS OF AGE: 1910		
		Total.	Illiterate.		Total.	Illiterate.		Total.	Illiterate.	
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
	<b>Total population.....</b>	<b>71,580,270</b>	<b>5,516,163</b>	<b>7.7</b>	<b>57,949,824</b>	<b>6,180,069</b>	<b>10.7</b>	<b>9,107,140</b>	<b>370,136</b>	<b>4.1</b>
	Male.....	37,027,558	2,814,950	7.6	29,703,440	3,011,224	10.1	4,601,753	211,763	4.6
	Female.....	34,552,712	2,701,213	7.8	28,246,384	3,168,845	11.2	4,505,387	158,373	3.5
	<b>White.....</b>	<b>63,933,870</b>	<b>3,184,633</b>	<b>5.0</b>	<b>51,250,918</b>	<b>3,200,746</b>	<b>6.2</b>	<b>7,918,408</b>	<b>144,675</b>	<b>1.8</b>
	Male.....	33,164,229	1,662,505	5.0	26,327,931	1,567,153	6.0	4,006,104	82,569	2.1
	Female.....	30,769,641	1,522,128	4.9	24,922,987	1,633,593	6.6	3,912,304	62,106	1.6
	<b>Negro.....</b>	<b>7,317,922</b>	<b>2,227,731</b>	<b>30.4</b>	<b>6,415,581</b>	<b>2,833,194</b>	<b>44.5</b>	<b>1,155,266</b>	<b>218,555</b>	<b>18.9</b>
	Male.....	3,637,386	1,095,000	30.1	3,181,650	1,371,432	43.1	578,074	125,616	21.7
	Female.....	3,680,536	1,131,731	30.7	3,233,931	1,461,762	45.8	577,192	92,939	16.1
	<b>Indian.....</b>	<b>188,758</b>	<b>85,445</b>	<b>45.3</b>	<b>171,552</b>	<b>96,347</b>	<b>56.2</b>	<b>31,393</b>	<b>6,798</b>	<b>21.7</b>
	Male.....	96,582	40,104	41.5	86,504	45,376	52.5	16,199	3,523	21.7
	Female.....	92,176	45,341	49.2	85,048	50,971	59.9	15,194	3,275	21.6
	<b>Chinese.....</b>	<b>68,924</b>	<b>10,891</b>	<b>15.8</b>	<b>87,682</b>	<b>25,396</b>	<b>29.0</b>	<b>1,575</b>	<b>87</b>	<b>5.5</b>
	Male.....	65,479	9,849	15.0	84,141	23,052	27.4	1,085	44	4.1
	Female.....	3,445	1,042	30.2	3,541	2,344	66.2	490	43	8.8
	<b>Japanese.....</b>	<b>67,661</b>	<b>6,213</b>	<b>9.2</b>	<b>24,091</b>	<b>4,386</b>	<b>18.2</b>	<b>477</b>	<b>20</b>	<b>4.2</b>
	Male.....	60,809	5,247	8.6	23,214	4,211	18.1	273	10	3.7
	Female.....	6,852	966	14.1	877	175	20.0	204	10	4.9
	<b>Native white.....</b>	<b>50,989,341</b>	<b>1,534,272</b>	<b>3.0</b>	<b>41,236,662</b>	<b>1,913,621</b>	<b>4.6</b>	<b>7,560,078</b>	<b>131,991</b>	<b>1.7</b>
	Male.....	25,843,033	796,055	3.1	20,912,940	955,517	4.6	3,824,801	76,359	2.0
	Female.....	25,146,308	738,217	2.9	20,323,722	958,094	4.7	3,735,277	55,632	1.5
	<b>Native parentage.....</b>	<b>37,081,278</b>	<b>1,378,884</b>	<b>3.7</b>	<b>30,310,261</b>	<b>1,734,764</b>	<b>5.7</b>	<b>5,324,283</b>	<b>117,973</b>	<b>2.2</b>
	Male.....	18,933,751	715,926	3.8	15,452,855	862,175	5.6	2,700,656	69,087	2.6
	Female.....	18,147,527	662,958	3.7	14,857,406	872,589	5.9	2,623,627	48,886	1.9
	<b>Foreign or mixed parentage.....</b>	<b>13,908,063</b>	<b>155,388</b>	<b>1.1</b>	<b>10,926,401</b>	<b>178,847</b>	<b>1.6</b>	<b>2,255,795</b>	<b>14,018</b>	<b>0.6</b>
	Male.....	6,909,282	80,129	1.2	5,460,085	95,342	1.7	1,124,145	7,272	0.6
	Female.....	6,998,781	75,259	1.1	5,466,316	83,505	1.6	1,131,650	6,746	0.6
	<b>Foreign-born white.....</b>	<b>12,944,529</b>	<b>1,650,361</b>	<b>12.7</b>	<b>10,014,256</b>	<b>1,287,135</b>	<b>12.9</b>	<b>338,330</b>	<b>12,684</b>	<b>3.5</b>
	Male.....	7,321,196	866,450	11.8	5,414,991	611,636	11.3	181,303	6,210	3.4
	Female.....	5,623,333	783,911	13.9	4,599,265	675,499	14.7	177,027	6,474	3.7

Table 27—Continued.

Table 27—Continued.	CLASS OF POPULATION.	PERSONS 15 TO 19 YEARS OF AGE: 1910			PERSONS 20 TO 24 YEARS OF AGE: 1910			PERSONS 25 TO 34 YEARS OF AGE: 1910		
		Total.	Illiterate.		Total.	Illiterate.		Total.	Illiterate.	
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
	<b>Total population.....</b>	<b>9,063,603</b>	<b>448,414</b>	<b>4.9</b>	<b>9,056,984</b>	<b>622,073</b>	<b>6.9</b>	<b>15,152,188</b>	<b>1,102,384</b>	<b>7.3</b>
	Male.....	4,527,282	262,776	5.8	4,580,290	343,450	7.5	7,901,116	597,657	7.6
	Female.....	4,536,321	185,644	4.1	4,476,694	278,623	6.2	7,251,072	504,727	7.0
	<b>White.....</b>	<b>7,968,391</b>	<b>226,432</b>	<b>2.8</b>	<b>7,986,411</b>	<b>367,669</b>	<b>4.6</b>	<b>13,524,412</b>	<b>702,962</b>	<b>5.2</b>
	Male.....	3,999,143	132,616	3.3	4,070,955	211,861	5.2	7,089,393	403,285	5.7
	Female.....	3,969,248	93,816	2.4	3,915,456	155,808	4.0	6,435,019	299,677	4.7
	<b>Negro.....</b>	<b>1,090,416</b>	<b>214,860</b>	<b>20.3</b>	<b>1,030,795</b>	<b>245,860</b>	<b>23.9</b>	<b>1,549,316</b>	<b>380,742</b>	<b>24.6</b>
	Male.....	507,945	126,459	24.9	482,157	126,970	26.3	753,968	183,993	24.4
	Female.....	582,471	88,401	16.0	548,638	118,890	21.7	795,348	196,749	24.7
	<b>Indian.....</b>	<b>28,486</b>	<b>6,515</b>	<b>22.9</b>	<b>21,844</b>	<b>6,756</b>	<b>30.9</b>	<b>33,380</b>	<b>13,692</b>	<b>41.0</b>
	Male.....	14,612	3,169	21.7	11,265	3,138	27.9	16,993	6,184	36.4
	Female.....	13,874	3,344	24.1	10,579	3,618	34.2	16,387	7,508	45.8
	<b>Chinese.....</b>	<b>3,439</b>	<b>303</b>	<b>8.8</b>	<b>4,451</b>	<b>559</b>	<b>12.6</b>	<b>10,551</b>	<b>1,534</b>	<b>14.5</b>
	Male.....	3,059	258	8.4	3,979	425	10.7	9,708	1,241	12.8
	Female.....	380	45	11.8	472	134	28.4	843	293	34.8
	<b>Japanese.....</b>	<b>2,674</b>	<b>228</b>	<b>8.5</b>	<b>12,914</b>	<b>1,026</b>	<b>7.9</b>	<b>33,182</b>	<b>2,925</b>	<b>8.8</b>
	Male.....	2,328	190	8.2	11,375	855	7.5	29,731	2,427	8.2
	Female.....	346	38	11.0	1,539	171	11.1	3,451	498	14.4
	<b>Native white.....</b>	<b>7,294,630</b>	<b>140,323</b>	<b>1.9</b>	<b>6,556,030</b>	<b>148,541</b>	<b>2.3</b>	<b>10,356,001</b>	<b>247,774</b>	<b>2.4</b>
	Male.....	3,647,389	85,510	2.3	3,247,035	84,586	2.6	5,210,149	136,583	2.6
	Female.....	3,647,241	54,813	1.5	3,308,995	63,955	1.9	5,145,852	111,191	2.2
	<b>Native parentage.....</b>	<b>5,089,055</b>	<b>121,878</b>	<b>2.4</b>	<b>4,682,922</b>	<b>130,991</b>	<b>2.8</b>	<b>7,450,675</b>	<b>220,797</b>	<b>3.0</b>
	Male.....	2,532,528	75,394	3.0	2,332,914	75,193	3.2	3,788,166	121,983	3.2
	Female.....	2,556,527	46,484	1.8	2,350,008	55,798	2.4	3,662,509	98,814	2.7
	<b>Foreign or mixed parentage.....</b>	<b>2,205,575</b>	<b>18,445</b>	<b>0.8</b>	<b>1,873,108</b>	<b>17,550</b>	<b>0.9</b>	<b>2,905,326</b>	<b>26,977</b>	<b>0.9</b>
	Male.....	1,094,861	10,116	0.9	914,121	9,393	1.0	1,421,983	14,600	1.0
	Female.....	1,110,714	8,329	0.7	958,987	8,157	0.9	1,483,343	12,377	0.8
	<b>Foreign-born white.....</b>	<b>673,761</b>	<b>86,109</b>	<b>12.8</b>	<b>1,430,381</b>	<b>219,128</b>	<b>15.3</b>	<b>3,168,411</b>	<b>455,188</b>	<b>14.4</b>
	Male.....	351,754	47,106	13.4	823,920	127,275	15.4	1,879,244	266,702	14.2
	Female.....	322,007	39,003	12.1	606,461	91,853	15.1	1,289,167	188,486	14.6

<sup>1</sup> Includes the small group "Age unknown," statistics for which are not shown separately.



ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, FOR THE UNITED STATES: 1910 AND 1900—Contd.

Table 27—Continued.

CLASS OF POPULATION.	PERSONS 35 TO 44 YEARS OF AGE: 1910			PERSONS 45 TO 64 YEARS OF AGE: 1910			PERSONS 65 YEARS OF AGE AND OVER: 1910		
	Total.	Illiterate.		Total.	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Total population.....	11,657,687	940,510	8.1	13,424,089	1,436,907	10.7	3,949,524	573,799	14.5
Male.....	6,183,346	466,287	7.6	7,163,332	672,684	9.4	1,985,976	248,875	12.5
Female.....	5,504,321	474,223	8.6	6,260,757	764,223	12.2	1,963,548	324,924	16.5
White.....	10,512,117	569,403	5.4	12,249,904	821,957	6.7	3,640,003	342,420	9.4
Male.....	5,561,221	303,719	5.5	6,518,282	387,641	5.9	1,825,019	135,102	7.4
Female.....	4,950,896	265,684	5.4	5,731,622	434,316	7.6	1,814,984	207,318	11.4
Negro.....	1,088,862	351,858	32.3	1,108,103	584,514	52.7	294,124	219,255	74.5
Male.....	550,130	152,132	27.7	595,554	267,588	44.9	152,482	107,877	70.7
Female.....	538,732	199,726	37.1	512,549	316,926	61.8	141,642	111,378	78.6
Indian.....	26,795	15,291	57.1	32,925	24,397	74.1	12,985	11,372	87.6
Male.....	13,847	6,951	50.2	17,055	11,679	68.5	6,139	5,178	84.5
Female.....	12,948	8,340	64.4	15,870	12,718	80.1	6,846	6,194	90.3
Chinese.....	15,402	2,205	14.3	29,647	5,436	18.3	2,330	717	30.8
Male.....	14,748	1,948	13.2	29,113	5,203	17.9	2,268	683	30.1
Female.....	654	257	39.3	534	233	43.6	62	34	.....
Japanese.....	13,945	1,493	10.7	3,219	451	14.0	40	10	.....
Male.....	12,865	1,277	9.9	3,045	422	13.9	38	10	.....
Female.....	1,080	216	20.0	174	29	16.7	2	.....	.....
Native white.....	7,800,549	235,489	3.0	8,857,386	446,855	5.0	2,456,654	179,219	7.3
Male.....	3,997,695	120,488	3.0	4,623,547	217,383	4.7	1,218,011	73,035	6.0
Female.....	3,802,854	115,001	3.0	4,233,839	229,472	5.4	1,238,643	106,184	8.6
Native parentage.....	5,495,766	210,694	3.8	6,740,000	405,784	6.0	2,201,068	167,099	7.6
Male.....	2,854,044	107,355	3.8	3,547,325	197,258	5.6	1,089,349	67,752	6.2
Female.....	2,641,722	103,339	3.9	3,192,675	208,526	6.5	1,111,719	99,347	8.9
Foreign or mixed parentage.....	2,304,783	24,795	1.1	2,117,386	41,071	1.9	255,586	12,120	4.7
Male.....	1,145,651	13,133	1.1	1,076,222	20,125	1.9	128,662	5,283	4.1
Female.....	1,161,132	11,662	1.0	1,041,164	20,946	2.0	126,924	6,837	5.4
Foreign-born white.....	2,711,568	333,914	12.3	3,392,518	375,102	11.1	1,183,349	163,201	13.8
Male.....	1,563,526	183,231	11.7	1,894,735	170,258	9.0	607,008	62,067	10.2
Female.....	1,148,042	150,683	13.1	1,497,783	204,844	13.7	576,341	101,134	17.5

While in the whole urban population 10 years of age and over in 1910, 5.1 per cent were illiterate, in the rural population the percentage was 10.1, or almost double. The contrast between urban and rural illiteracy is by far the greatest in the case of the native whites of native parentage, of whom less than 1 per cent were illiterate in urban communities and over 5 per cent in rural districts. There was also a much higher percentage of illiteracy among the negroes in rural districts than in urban communities.

The differences here observed between the percentages of illiteracy in the urban and the rural population explain in part the differences in the proportion of illiteracy among the different classes of the population as a whole. Because of the high proportion of the native whites of native parentage and of the negroes living in rural districts, the percentage of illiteracy for each of these two classes as a whole approaches the percentage indicated for that portion of the class living in the rural districts. On the other hand, the native whites of foreign or of mixed parentage are largely city dwellers, and their general percentage approaches the urban percentage more closely than the rural.

It may be noted that the considerable divergence between the native whites of native parentage and those of foreign or mixed parentage almost disappears when the figures for the two classes are compared for urban communities. Further light upon the differences among the various classes can be gained from a study of the geographic distribution of illiteracy.

## DIVISIONS AND STATES.

The significance of the number of illiterates can be seen most clearly when a comparison is made with the aggregate population in which the illiterates are contained. It has seemed advisable in some cases, however, to give the number and percentage of illiterates without the aggregate population on which the percentage is based, it being understood that the figures representing the total population in any age group may be found in Chapter 3, relating to age. The importance, however, for the study of illiteracy, of the population 10 years of age and over makes it desirable to print here for convenience of reference the statistics of this population classified according to sex and color or race, nativity, and parentage, for divisions and states (Table 29, page 244).



**Percentage of illiteracy.**—Table 30 (page 247) gives by divisions and states for 1910 and 1900 the number and percentage illiterate, with separate figures for the most important of the color or race, nativity, and parentage classes. Table 28 presents in more compact form the percentages alone for the divisions, and for the larger sections of the country—the North, the South, and the West, which comprise respectively the first four, the next three, and the last two divisions.

Table 28

PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER.

DIVISION AND SECTION	All classes.		Native white.				Foreign-born white.		Negro.	
			Native parentage.		Foreign or mixed parentage.					
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States.....	7.7	10.7	3.7	5.7	1.1	1.6	12.7	12.9	39.4	44.5
New England.....	5.3	6.0	0.7	0.9	1.3	2.1	13.8	16.2	7.8	11.6
Middle Atlantic.....	5.7	5.8	1.2	2.0	0.8	1.2	15.8	15.8	7.9	14.2
East North Central.....	3.4	4.3	1.7	2.8	0.9	1.4	10.1	10.2	11.0	18.5
West North Central.....	2.9	4.1	1.7	2.9	0.7	1.1	7.6	8.0	14.9	25.4
South Atlantic.....	16.0	23.9	8.0	12.0	1.2	2.1	13.5	12.9	32.5	47.1
East South Central.....	17.4	24.9	9.6	13.6	1.7	2.6	9.7	10.4	34.8	49.2
West South Central.....	13.2	20.5	5.6	9.2	7.7	9.1	25.6	27.2	33.1	48.0
Mountain.....	6.9	9.6	3.6	7.1	1.2	1.9	12.5	10.6	8.0	13.5
Pacific.....	3.0	4.2	0.4	0.8	0.5	0.9	8.0	7.3	6.3	12.7
The North.....	4.3	5.0	1.4	2.4	0.9	1.4	12.7	12.8	10.5	18.2
The South.....	15.6	23.3	7.7	11.8	4.3	5.1	18.8	19.1	33.3	48.0
The West.....	4.4	6.3	1.7	3.4	0.8	1.3	9.5	8.5	7.0	13.1

In the total population 10 years of age and over the percentage of illiteracy in 1910 was practically the same in the North and the West, but it was much greater in the South. The division showing the lowest proportion of illiterates was the West North Central, where only 2.9 per cent of the population 10 years of age and over were reported as illiterate, while the highest proportion, 17.4, was reported for the East South Central division. In the North the percentage of illiteracy was somewhat higher in the Middle Atlantic and New England divisions, where the foreign born are more numerous, than in the two central divisions. The percentage of illiteracy was decidedly higher in the Mountain division than in the Pacific, but it should be noted that this higher percentage is mainly due to exceptionally high percentages in two states—New Mexico and Arizona.

In all divisions the percentage of illiteracy for native whites of native parentage was lower than that for the total population. The lowest percentage of illiteracy in this class in any division was in the Pacific, where

only 0.4 per cent were reported as illiterate, and the highest percentage, 9.6, in the East South Central. The proportion of illiterates among the native whites of native parentage was considerably lower in New England than in the other divisions of the North.

Among the native whites of foreign or mixed parentage the percentage of illiteracy was very small, falling below 2 in all divisions except the West South Central. In the last-named division illiterates formed 7.7 per cent of the population of this class 10 years of age and over, this high figure being mainly due, however, to the exceptionally high percentage in the state of Texas. The proportion of illiterates among the native whites of foreign or mixed parentage was less than among those of native parentage in all of the divisions except the West South Central, New England, and Pacific.

The highest percentage of illiteracy among the foreign-born whites was in the West South Central division and the lowest in the West North Central. Of the divisions where the foreign-born whites are numerous, the Middle Atlantic shows the highest percentage of illiteracy for this class and New England the next highest. The percentage of illiteracy among the negroes was highest, 34.8, in the East South Central division. In the South as a whole in 1910 one-third of the negroes were illiterate. In the North, where the negroes are comparatively few, the percentage of illiteracy was 10.5, and in the West, where their numbers are insignificant, the percentage of illiteracy was only 7.

Comparing the figures for 1910 and 1900, it will be noted that, for the population as a whole and for both native white groups and for the negroes, the percentage of illiteracy was less in every division in 1910 than in 1900; considerably less, except for the population as a whole, in the Middle Atlantic division, where the figures were affected by a rather large increase in the proportion of foreign born in the total population. The decline in the proportion of illiterates among the negroes for the South as a whole, from nearly one-half in 1900 to one-third in 1910, is particularly conspicuous.

The percentages of illiterates in the several states among the different population classes conform in the main to those of the division in which the state is located. The figures showing the number and per cent of illiterates in each class by states are given in Table 30, page 245, and are graphically illustrated by the maps on pages 246 and 247.



## ABSTRACT OF THE CENSUS—POPULATION.

POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 29

DIVISION AND STATE.	TOTAL.		Male: 1910	Female: 1910	White: 1910	Negro: 1910	Indian, Chinese, Japanese, and all other: 1910	NATIVE WHITE.		Foreign- born white: 1910
	1910	1900						Native parentage: 1910	Foreign or mixed parentage: 1910	
<b>United States</b> .....	<b>71,580,270</b>	<b>57,949,824</b>	<b>37,027,538</b>	<b>34,552,712</b>	<b>63,933,870</b>	<b>7,317,922</b>	<b>328,478</b>	<b>37,081,278</b>	<b>13,908,063</b>	<b>12,944,529</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	5,330,914	4,524,602	2,649,897	2,681,017	5,270,232	55,321	5,361	2,135,801	1,377,187	1,757,244
Middle Atlantic.....	15,446,515	12,167,559	7,863,584	7,582,931	15,079,257	351,546	15,712	6,565,900	3,851,367	4,661,990
East North Central.....	14,568,949	12,443,302	7,529,768	7,039,181	14,297,054	254,545	17,350	7,370,025	3,941,206	2,985,823
West North Central.....	9,097,311	7,838,564	4,807,164	4,290,147	8,800,838	203,641	32,832	4,798,510	2,482,634	1,579,694
South Atlantic.....	9,012,826	7,616,159	4,528,942	4,483,884	6,018,022	2,986,936	7,808	5,397,864	339,771	280,387
East South Central.....	6,178,578	5,474,227	3,116,286	3,062,292	4,215,494	1,960,898	2,186	3,945,830	184,771	84,893
West South Central.....	6,394,043	4,649,988	3,334,078	3,059,965	4,881,289	1,460,705	52,049	4,101,510	449,348	330,431
Mountain.....	2,054,249	1,276,076	1,185,047	869,202	1,965,656	18,755	69,838	1,081,180	461,408	423,068
Pacific.....	3,496,885	1,959,347	2,012,792	1,484,093	3,346,028	25,575	125,282	1,684,658	820,371	840,999
<b>NEW ENGLAND:</b>										
Maine.....	603,893	565,440	307,375	296,518	601,890	1,166	837	406,951	89,603	105,336
New Hampshire.....	354,118	337,893	178,151	175,967	353,543	480	95	193,583	66,984	92,976
Vermont.....	289,128	278,943	148,686	140,442	287,653	1,446	29	183,292	56,707	47,654
Massachusetts.....	2,742,684	2,267,048	1,340,517	1,402,167	2,707,729	31,718	3,237	900,749	786,386	1,020,594
Rhode Island.....	440,065	344,824	219,221	220,844	431,632	7,913	520	129,279	130,449	171,904
Connecticut.....	901,026	730,454	455,947	445,079	887,785	12,598	643	321,947	247,058	318,780
<b>MIDDLE ATLANTIC:</b>										
New York.....	7,410,819	5,801,682	3,727,218	3,683,601	7,284,110	115,843	10,866	2,539,893	2,109,639	2,634,578
New Jersey.....	2,027,946	1,480,498	1,029,649	998,297	1,951,911	74,577	1,458	788,065	526,998	630,848
Pennsylvania.....	6,007,750	4,885,379	3,100,717	2,901,033	5,843,236	161,126	3,388	3,237,942	1,214,730	1,390,564
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	3,848,747	3,289,921	1,970,027	1,878,720	3,754,104	93,910	733	2,352,681	822,149	570,274
Indiana.....	2,160,405	1,968,215	1,108,767	1,051,638	2,109,222	50,650	533	1,654,670	298,966	155,996
Illinois.....	4,493,734	3,727,745	2,333,230	2,100,504	4,398,331	92,928	2,475	1,941,879	1,287,893	1,168,559
Michigan.....	2,236,252	1,896,265	1,163,835	1,072,417	2,215,706	14,557	5,989	919,837	716,066	579,803
Wisconsin.....	1,829,811	1,561,156	953,909	875,902	1,819,691	2,500	7,620	500,958	816,142	502,591
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	1,628,635	1,305,657	882,046	746,589	1,615,427	6,366	6,842	389,726	691,786	533,915
Iowa.....	1,760,286	1,711,789	912,728	847,558	1,747,403	12,380	503	902,435	515,722	469,246
Missouri.....	2,594,600	2,371,865	1,334,851	1,259,749	2,461,353	132,385	802	1,792,819	444,956	223,578
North Dakota.....	424,730	229,161	240,658	184,072	419,452	546	4,752	108,422	160,559	150,451
South Dakota.....	443,466	294,304	245,991	197,475	428,265	697	14,504	170,391	159,540	98,334
Nebraska.....	924,032	799,755	491,706	432,326	913,984	6,723	3,323	465,425	276,062	172,497
Kansas.....	1,321,562	1,126,033	699,184	622,378	1,274,974	44,542	2,046	909,292	234,009	131,673
<b>SOUTH ATLANTIC:</b>										
Delaware.....	163,080	145,500	83,787	79,293	138,265	24,777	38	102,321	19,004	16,940
Maryland.....	1,023,950	920,715	507,421	516,529	843,047	180,454	449	590,715	151,381	100,951
District of Columbia.....	279,088	231,837	131,983	147,105	198,658	79,964	466	136,907	37,996	23,755
Virginia.....	1,536,277	1,364,501	770,504	765,793	1,039,333	496,418	546	985,058	28,636	25,639
West Virginia.....	903,822	701,646	483,221	420,601	852,778	50,925	119	756,184	41,948	54,646
North Carolina.....	1,578,596	1,346,734	781,434	797,161	1,082,797	490,385	5,403	1,070,406	6,658	5,734
South Carolina.....	1,078,161	942,402	531,692	546,409	493,820	584,064	277	478,726	9,183	5,911
Georgia.....	1,885,111	1,577,334	939,791	945,320	1,038,626	846,195	290	1,003,230	20,740	14,656
Florida.....	564,722	385,490	299,109	265,613	330,698	233,744	280	274,318	24,225	32,155
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	1,722,644	1,589,685	874,306	848,338	1,512,396	210,028	218	1,360,814	112,013	39,571
Tennessee.....	1,621,179	1,480,948	817,174	804,005	1,200,304	360,663	212	1,210,016	32,303	17,985
Alabama.....	1,541,575	1,304,703	773,415	768,100	878,570	662,356	649	835,692	24,587	18,291
Mississippi.....	1,293,180	1,098,891	651,391	641,789	564,222	727,851	1,107	539,308	15,868	9,046
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	1,134,087	934,332	588,133	545,954	806,683	327,009	395	761,189	29,040	16,454
Louisiana.....	1,213,575	990,364	612,534	601,042	686,979	525,450	1,147	545,698	90,948	50,333
Oklahoma <sup>1</sup> .....	1,197,476	561,379	648,116	549,360	1,047,254	101,157	49,065	934,912	73,278	39,064
Texas.....	2,848,904	2,163,913	1,485,296	1,363,609	2,340,373	507,089	1,442	1,859,711	256,082	224,580
<b>MOUNTAIN:</b>										
Montana.....	303,551	191,596	190,263	113,288	291,125	1,633	10,793	124,768	76,901	89,456
Idaho.....	249,018	119,837	146,783	102,235	243,544	578	4,896	145,414	58,511	39,619
Wyoming.....	117,585	72,062	77,260	40,325	112,567	2,024	2,994	62,033	24,153	26,381
Colorado.....	640,846	425,424	350,684	290,162	627,167	9,990	3,689	369,056	135,085	123,026
New Mexico.....	240,990	141,282	131,828	109,162	235,048	1,344	14,598	185,205	18,608	21,235
Arizona.....	157,659	94,147	94,812	62,847	133,843	1,091	22,125	61,983	28,136	43,724
Utah.....	274,778	196,769	147,909	127,769	260,016	1,026	4,736	104,565	102,611	61,840
Nevada.....	69,822	34,959	46,408	23,414	63,346	469	6,007	28,156	17,403	17,787
<b>PACIFIC:</b>										
Washington.....	933,556	408,437	552,586	380,970	904,957	5,517	23,082	459,716	210,313	234,928
Oregon.....	555,631	328,799	324,717	230,914	539,613	1,359	14,659	331,492	107,362	100,759
California.....	2,007,698	1,222,111	1,135,489	872,209	1,901,458	18,699	87,541	893,450	502,696	505,312

<sup>1</sup> Includes population of Indian Territory for 1900.



ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910 AND 1900.

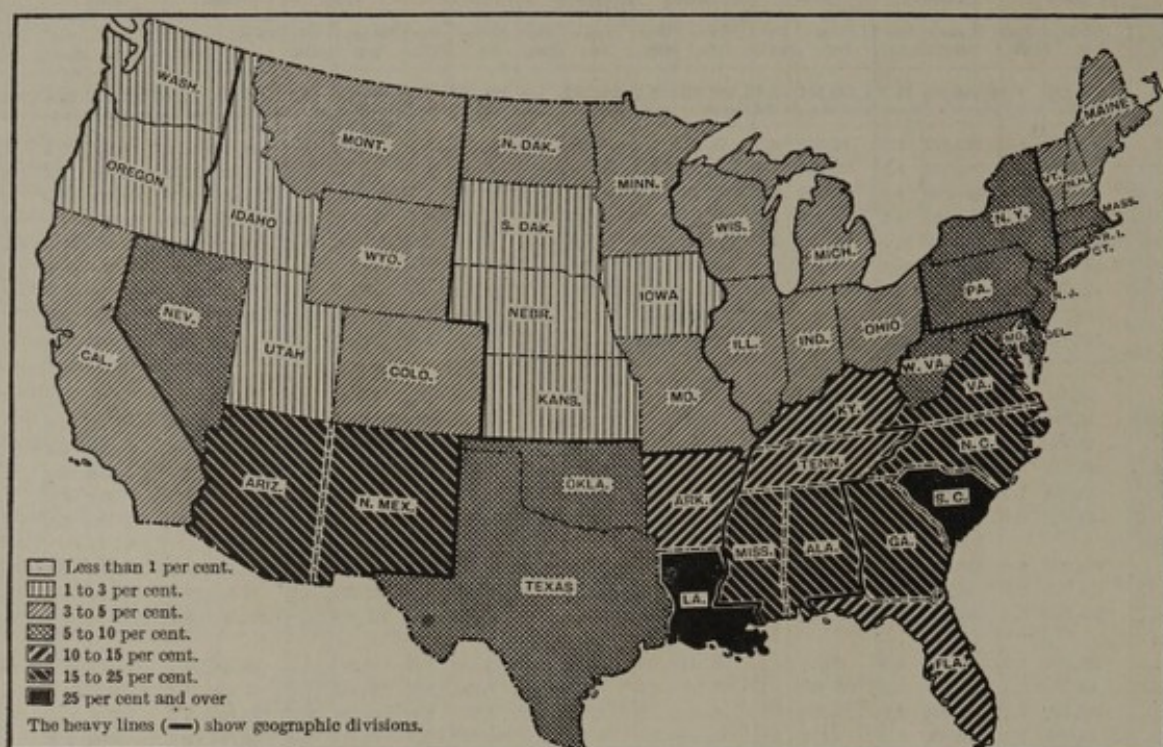
Table 30  DIVISION AND STATE.	ALL CLASSES.				NATIVE WHITE.								FOREIGN-BORN WHITE.				NEGRO.			
					Native parentage.				Foreign or mixed parentage.											
	1910		1900		1910		1900		1910		1900		1910		1900		1910		1900	
	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.
United States..	5,516,163	7.7	6,180,069	10.7	1,378,884	3.7	1,734,764	5.7	155,388	1.1	178,847	1.6	1,650,361	12.7	1,287,135	12.9	2,227,731	30.4	2,853,194	44.5
GEOGRAPHIC DIVS.:																				
New England...	280,806	5.3	272,402	6.0	15,551	0.7	19,262	0.9	17,606	1.3	21,037	2.1	242,513	13.8	224,988	16.2	4,341	7.8	5,681	11.6
Middle Atlantic.	873,812	5.7	704,134	5.8	75,908	1.2	114,083	2.0	32,343	0.8	37,670	1.2	735,244	15.8	509,436	15.8	27,811	7.9	38,594	14.2
E. North Central	491,850	3.4	534,299	4.3	122,256	1.7	178,076	2.8	35,809	0.9	47,182	1.4	300,613	10.1	263,677	10.2	28,071	11.0	39,280	18.5
W. North Central	263,138	2.9	324,023	4.1	81,362	1.7	117,339	2.9	17,661	0.7	21,075	1.1	120,573	7.6	120,299	8.0	30,466	14.9	48,634	25.4
South Atlantic...	1,444,294	16.0	1,821,346	23.9	429,618	8.0	535,163	12.0	4,191	1.2	6,367	2.1	37,934	13.5	26,437	12.9	969,432	32.5	1,250,279	47.1
E. South Central	1,072,100	17.4	1,364,935	24.9	378,088	9.6	461,375	13.6	3,142	1.7	4,953	2.6	8,215	9.7	9,253	10.4	681,507	34.8	887,838	49.2
W. South Central	845,604	13.2	953,644	20.5	229,807	5.6	258,017	9.2	34,737	7.7	30,622	9.1	84,674	25.6	69,086	27.2	483,022	33.1	579,489	48.0
Mountain.....	140,737	6.9	122,901	9.6	39,253	3.6	43,743	7.1	5,754	1.2	5,773	1.9	52,850	12.5	29,939	10.6	1,497	8.0	1,840	13.5
Pacific.....	103,822	3.0	82,385	4.2	7,041	0.4	7,706	0.8	4,145	0.5	4,168	0.9	67,645	8.0	34,020	7.3	1,614	6.3	1,559	12.7
NEW ENGLAND:																				
Maine.....	24,554	4.1	29,060	5.1	5,776	1.4	6,880	1.7	4,048	4.5	4,514	6.7	14,394	13.7	17,195	19.4	93	8.0	155	14.2
New Hampshire	16,386	4.6	21,075	6.2	1,462	0.8	2,085	1.0	1,377	2.1	1,755	3.7	13,485	14.5	17,126	20.5	51	10.6	70	11.9
Vermont.....	10,806	3.7	16,247	5.8	2,234	1.2	3,231	1.8	2,261	4.0	3,703	6.8	6,239	13.1	9,205	21.4	69	4.8	99	14.6
Massachusetts...	141,541	5.2	134,043	5.9	3,428	0.4	3,912	0.5	5,735	0.7	6,827	1.2	129,412	12.7	119,582	14.6	2,584	8.1	2,853	10.7
Rhode Island...	33,854	7.7	29,004	8.4	944	0.7	1,196	1.0	2,309	1.8	2,518	2.8	29,781	17.3	24,157	18.7	752	9.5	1,063	14.1
Connecticut.....	53,665	6.0	42,973	5.9	1,707	0.5	1,958	0.6	1,876	0.8	1,720	0.9	49,202	15.4	37,723	16.3	792	6.3	1,441	11.5
MIDDLE ATLANTIC:																				
New York.....	406,020	5.5	318,100	5.5	21,292	0.8	29,188	1.3	15,026	0.7	18,162	1.1	362,025	13.7	258,423	14.0	5,768	5.0	9,180	10.8
New Jersey.....	113,502	5.6	86,658	5.9	8,562	1.1	13,511	2.1	3,691	0.7	3,520	1.0	93,551	14.7	59,307	14.1	7,465	9.9	9,882	17.2
Pennsylvania...	354,290	5.9	299,376	6.1	46,054	1.4	71,384	2.5	13,626	1.1	15,988	1.6	279,668	20.1	191,706	19.9	14,638	9.1	19,532	15.1
E. N. CENTRAL:																				
Ohio.....	124,774	3.2	131,541	4.0	39,807	1.7	56,416	2.8	7,503	0.9	10,739	1.4	66,887	11.5	50,155	11.1	10,460	11.1	14,107	17.8
Indiana.....	66,213	3.1	90,539	4.6	36,829	2.2	57,137	3.9	4,126	1.4	6,663	2.2	18,200	11.7	16,059	11.4	6,959	13.7	10,594	22.6
Illinois.....	168,294	3.7	157,958	4.2	32,836	1.7	48,680	2.9	7,650	0.6	9,357	0.9	117,751	10.1	86,668	9.1	9,713	10.5	12,903	18.1
Michigan.....	74,800	3.3	80,482	4.2	9,561	1.0	12,154	1.5	8,285	1.2	10,123	1.8	54,113	9.3	54,399	10.3	826	5.7	1,426	10.9
Wisconsin.....	57,769	3.2	73,779	4.7	3,223	0.6	3,689	1.0	8,245	1.0	10,300	1.5	43,662	8.7	56,396	11.1	113	4.5	250	11.4
W. N. CENTRAL:																				
Minnesota.....	49,836	3.0	52,946	4.1	1,536	0.4	1,556	0.5	4,302	0.6	4,782	0.9	40,627	7.6	42,142	8.4	215	3.4	337	7.9
Iowa.....	29,889	1.7	40,172	2.3	8,391	0.9	12,494	1.4	3,150	0.6	4,028	0.8	16,894	6.3	21,431	7.1	1,272	10.3	1,962	18.5
Missouri.....	111,116	4.3	152,844	6.4	60,070	3.4	89,203	5.6	5,172	1.2	7,202	1.7	22,631	10.1	19,944	9.3	23,062	17.4	36,390	28.1
North Dakota...	13,070	3.1	12,719	5.6	349	0.3	279	0.6	1,064	0.7	784	1.1	9,474	6.3	8,432	7.8	26	4.8	31	12.8
South Dakota...	12,750	2.9	14,832	5.0	556	0.3	432	0.5	683	0.4	772	0.8	4,896	5.0	5,835	6.7	38	5.5	51	12.3
Nebraska.....	18,009	1.9	17,997	2.3	2,787	0.6	3,311	0.8	1,491	0.5	1,406	0.7	12,264	7.1	11,911	6.8	482	7.2	633	11.8
Kansas.....	28,968	2.2	32,513	2.9	7,673	0.8	10,064	1.3	1,799	0.8	2,101	1.0	13,787	10.5	10,604	8.5	5,341	12.0	9,230	22.3
SOUTH ATLANTIC:																				
Delaware.....	13,240	8.1	17,531	12.0	3,362	3.3	5,840	6.3	163	0.9	232	1.4	3,359	19.8	2,476	18.3	6,345	25.6	8,967	38.1
Maryland.....	73,397	7.2	101,947	11.1	17,464	3.0	23,837	4.7	1,488	1.0	2,596	1.9	12,047	11.9	12,262	13.4	42,289	23.4	63,033	35.1
Dist. of Columbia	13,812	4.9	20,028	8.6	797	0.6	975	0.9	163	0.4	163	0.5	1,944	8.2	1,342	7.0	10,814	13.5	17,462	24.3
Virginia.....	232,911	15.2	312,120	22.9	81,165	8.2	95,583	11.4	352	1.2	534	2.1	2,368	9.2	2,043	10.9	148,950	30.0	213,836	44.6
West Virginia...	74,866	8.3	80,105	11.4	50,580	6.7	63,008	10.4	827	2.0	1,273	3.2	13,075	23.9	4,730	21.5	10,347	20.3	11,083	32.3
North Carolina...	291,497	18.5	386,251	28.7	131,992	12.3	175,325	19.6	197	3.0	320	5.1	477	8.3	262	6.1	156,303	31.9	208,132	47.6
South Carolina...	276,980	25.7	338,659	35.9	50,112	10.5	54,177	13.9	133	1.4	198	2.1	399	6.8	344	6.5	226,242	38.7	283,883	52.8
Georgia.....	389,775	20.7	480,420	30.5	79,875	8.0	99,948	12.2	328	1.6	483	2.5	875	6.0	833	7.0	308,639	36.5	379,067	52.4
Florida.....	77,816	13.8	84,285	21.9	14,331	5.2	16,470	9.0	540	2.2	569	3.6	3,390	10.5	2,145	11.6	59,503	25.5	64,816	38.4
E. S. CENTRAL:																				
Kentucky.....	208,064	12.1	262,964	16.5	145,156	10.7	166,822	13.9	1,641	1.5	2,502	2.1	3,300	8.3	5,444	10.9	57,900	27.6	88,137	40.1
Tennessee.....	221,071	13.6	306,930	20.7	120,384	9.9	156,342	14.5	582	1.8	1,054	3.2	1,488	8.3	1,690	9.7	98,541	27.3	147,784	41.6
Alabama.....	352,710	22.9	443,590	34.0	84,204	10.1	102,779	15.2	564	2.3	791	3.5	2,063	11.3	1,313	9.3	265,628	40.1	338,005	57.4
Mississippi.....	290,235	22.4	351,461	32.0	28,344	5.3	35,432	8.1	355	2.2	606	3.8	1,364	15.1	806	10.7	259,438	35.6	313,312	49.1
W. S. CENTRAL:																				
Arkansas.....	142,954	12.6	190,655	20.4	54,221	7.1	74,828	11.8	804	2.8	1									



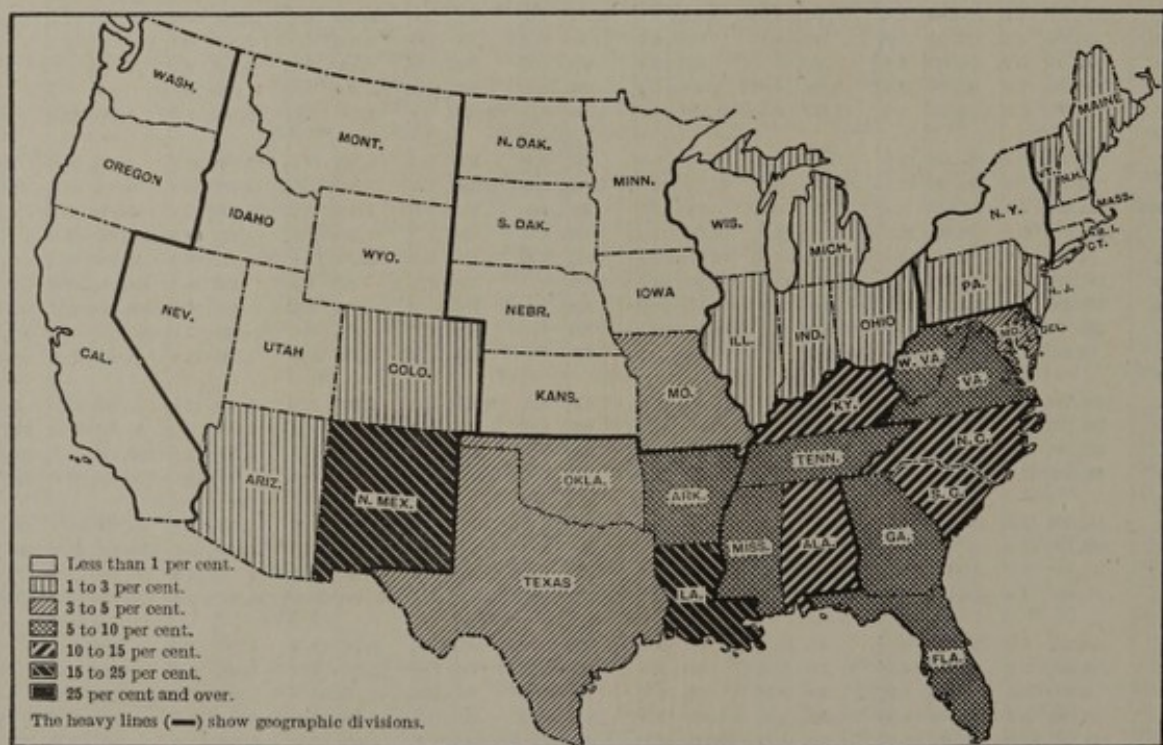
## ABSTRACT OF THE CENSUS—POPULATION.

PERCENTAGE OF ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER: 1910.

TOTAL POPULATION.



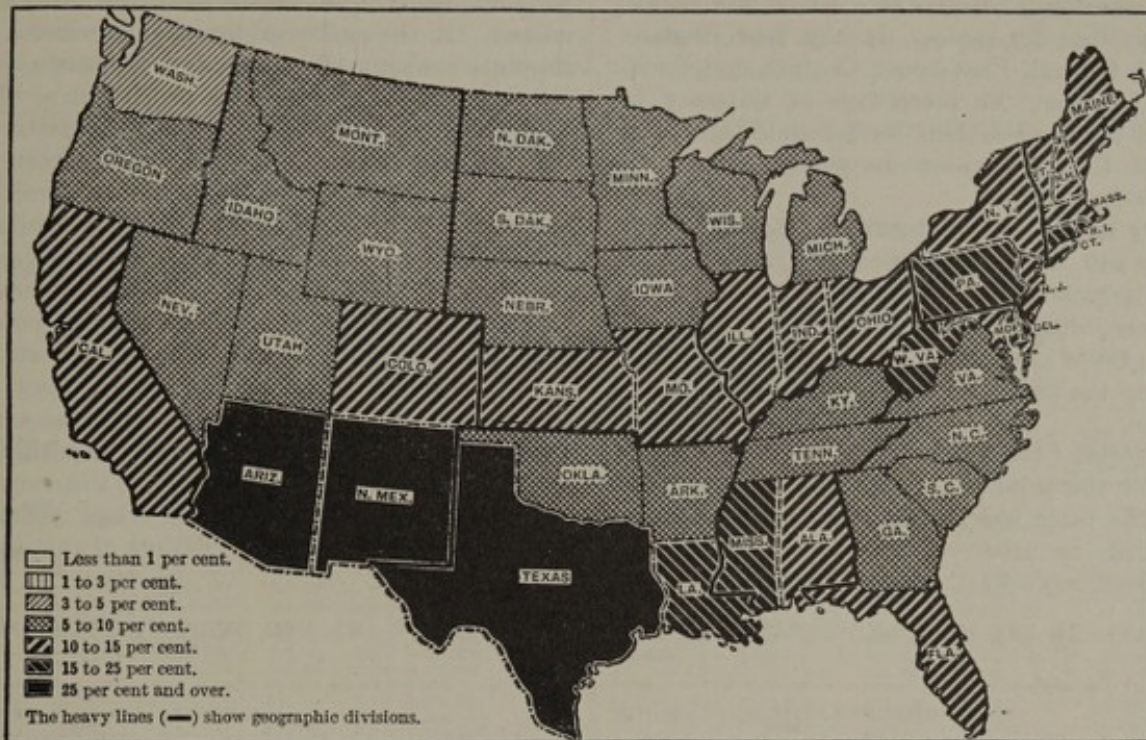
NATIVE WHITES OF NATIVE PARENTAGE.



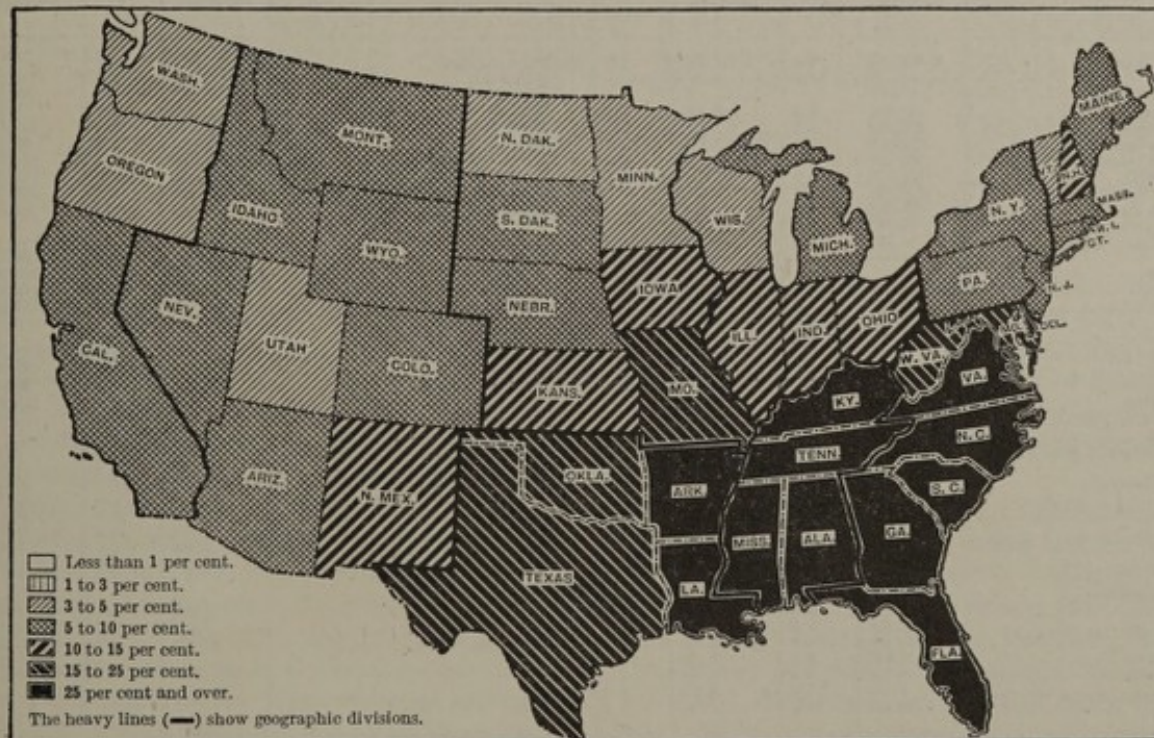


PERCENTAGE OF ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER: 1910.

## FOREIGN-BORN WHITES.



## NEGROES.





**Illiteracy by sex.**—Table 31 shows for 1910, by divisions and states, the number and percentage of illiterate males and females 10 years of age and over.

As already noted, the percentage of illiteracy for females in the United States as a whole was slightly higher than that for males. In the New England, East North Central, East South Central, and Pacific divisions, however, the percentage of illiteracy for females was slightly less than that for males, and in the West North Central division the percentages for the two sexes were the same.

**Illiteracy in the urban and rural population.**—Table 32, on page 249, shows by divisions for 1910 the urban and rural population 10 years of age and over, classified according to color or race, nativity, and parentage groups in each division in 1910 as urban or rural, giving the number and percentage of illiterates in each case.

In the United States as a whole the percentage of illiteracy for the total population and for each class shown in the table was considerably higher in rural districts than in urban communities. There were three divisions, however, the New England, the Middle

Atlantic, and the East North Central, in which the percentage of illiteracy was the greater in urban communities. This exception to the general rule is explained by the relatively large number of foreign-born whites living in the cities of the three divisions named. In the native groups shown, which comprise the native whites of native and of foreign or mixed parentage and the negroes, the proportion of illiterates was greater in the rural parts of all divisions than in the urban communities. The foreign-born whites showed in general a somewhat higher percentage of illiteracy in rural districts than in urban communities, but an exception to this rule appears in the case of the two North Central divisions. There is a considerable foreign-born white element in the rural population of these divisions, but the more recent growth of the foreign-born population has been in the cities, and the fact that recent immigrants appear to be somewhat more illiterate than the earlier ones furnishes an explanation of the higher percentage of illiteracy among the foreign-born whites in the urban communities than is found in the rural districts of this section of the country.

ILLITERATES IN THE MALE AND FEMALE POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 31	ILLITERATES 10 YEARS OF AGE AND OVER: 1910				DIVISION AND STATE.	ILLITERATES 10 YEARS OF AGE AND OVER: 1910			
	Male.		Female.			Male.		Female.	
	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.
United States .....	2,814,950	7.6	2,701,213	7.8					
GEOGRAPHIC DIVISIONS:					SOUTH ATLANTIC:				
New England.....	140,326	5.3	140,480	5.2	Delaware.....	7,022	8.4	6,218	7.8
Middle Atlantic.....	442,488	5.6	431,324	5.7	Maryland.....	36,556	7.2	36,841	7.1
East North Central.....	262,137	3.5	229,713	3.3	District of Columbia.....	5,410	4.1	8,402	5.7
West North Central.....	138,030	2.9	125,108	2.9	Virginia.....	121,329	15.7	111,582	14.6
South Atlantic.....	723,570	16.0	720,724	16.1	West Virginia.....	22,511	8.8	32,355	7.7
East South Central.....	542,291	17.4	529,809	17.3	North Carolina.....	142,108	18.2	149,389	18.7
West South Central.....	424,354	12.7	421,250	13.8	South Carolina.....	133,126	25.0	143,854	26.3
Mountain.....	75,242	6.3	65,495	7.5	Georgia.....	196,026	20.9	193,749	20.5
Pacific.....	66,512	3.3	37,310	2.5	Florida.....	39,482	13.2	38,334	14.4
NEW ENGLAND:					EAST SOUTH CENTRAL:				
Maine.....	15,006	4.9	9,548	3.2	Kentucky.....	109,877	12.6	98,207	11.6
New Hampshire.....	9,210	5.2	7,176	4.1	Tennessee.....	112,986	13.8	108,085	13.4
Vermont.....	6,686	4.4	4,320	3.1	Alabama.....	173,726	22.5	178,984	23.3
Massachusetts.....	67,647	5.0	73,894	5.3	Mississippi.....	145,702	22.4	144,533	22.5
Rhode Island.....	16,192	7.4	17,062	8.0	WEST SOUTH CENTRAL:				
Connecticut.....	25,785	5.7	27,880	6.3	Arkansas.....	71,243	12.1	71,711	13.1
MIDDLE ATLANTIC:					Louisiana.....	171,423	28.0	180,756	30.1
New York.....	187,107	5.0	218,913	5.9	Oklahoma.....	35,876	5.5	31,091	5.8
New Jersey.....	57,047	5.5	56,455	5.7	Texas.....	145,812	9.8	137,092	10.1
Pennsylvania.....	198,334	6.4	155,966	5.4	MOUNTAIN:				
EAST NORTH CENTRAL:					Montana.....	9,895	5.2	4,562	4.0
Ohio.....	68,385	3.5	56,389	3.0	Idaho.....	3,831	2.6	1,622	1.6
Indiana.....	35,956	3.2	30,257	2.9	Wyoming.....	2,869	3.7	1,005	2.5
Illinois.....	86,729	3.7	81,565	3.8	Colorado.....	12,680	3.6	11,100	3.8
Michigan.....	41,617	3.6	33,183	3.1	New Mexico.....	20,965	15.9	27,732	25.4
Wisconsin.....	29,450	3.1	28,319	3.2	Arizona.....	18,183	19.2	14,770	23.5
WEST NORTH CENTRAL:					Utah.....	3,990	2.7	2,831	2.2
Minnesota.....	25,819	2.9	23,517	3.1	Nevada.....	2,829	6.1	1,873	8.0
Iowa.....	15,633	1.7	14,256	1.7	PACIFIC:				
Missouri.....	58,106	4.4	53,010	4.2	Washington.....	11,724	2.1	6,692	1.8
North Dakota.....	6,645	2.8	6,425	3.5	Oregon.....	7,214	2.2	3,290	1.4
South Dakota.....	6,216	2.5	6,534	3.3	California.....	47,574	4.2	27,328	3.1
Nebraska.....	9,489	1.9	8,520	2.0					
Kansas.....	16,122	2.3	12,846	2.1					



The very much higher percentage of illiteracy shown for the native whites of native parentage in the United States as a whole than for the native whites of foreign or mixed parentage is due in large part to the exceptionally high percentages of illiteracy among the native whites of native parentage in the southern divisions, where this nativity class makes up by far

the greater part of the white population. These exceptionally high percentages for the southern divisions are in turn due principally to the very large proportion of illiterates in the rural population of the South, in which section of the country somewhat more than three-fourths of the total population in 1910 resided in rural districts.

ILLITERATES IN THE URBAN AND THE RURAL POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS: 1910.

Table 32	DIVISION AND CLASS OF COMMUNITY.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
		Total.			Native parentage.			Foreign or mixed parentage.			Total.			Negro.		
					Illiterate.			Illiterate.						Illiterate.		
					Num-ber.	Per-cent.		Num-ber.	Per-cent.					Num-ber.	Per-cent.	
United States .....	71,580,270	5,516,163	7.7	37,081,278	1,378,884	3.7	13,908,063	155,388	1.1	12,944,529	1,650,361	12.7	7,317,922	2,227,731	30.4	
Urban .....	34,649,175	1,768,132	5.1	14,002,647	130,906	0.9	8,988,097	60,994	0.7	9,331,994	1,172,491	12.6	2,231,353	393,273	17.6	
Rural .....	36,931,095	3,748,031	10.1	23,078,631	1,247,978	5.4	4,919,966	94,394	1.9	3,612,535	477,870	13.2	5,086,569	1,834,458	36.1	
NEW ENGLAND .....	5,330,914	280,806	5.3	2,135,801	15,551	0.7	1,377,187	17,606	1.3	1,757,244	242,513	13.8	55,321	4,341	7.8	
Urban .....	4,434,412	247,143	5.6	1,507,336	7,918	0.5	1,248,177	13,002	1.0	1,623,609	222,030	13.7	51,025	3,614	7.1	
Rural .....	896,502	33,663	3.8	628,465	7,633	1.2	129,010	4,604	3.6	133,635	20,483	15.3	4,296	727	16.9	
MIDDLE ATLANTIC .....	15,446,515	873,812	5.7	6,565,900	75,908	1.2	3,851,367	32,343	0.8	4,661,990	735,244	15.8	351,546	27,811	7.9	
Urban .....	11,033,550	644,618	5.8	3,653,752	21,034	0.6	3,171,581	19,556	0.6	3,910,013	582,756	14.9	288,414	20,089	7.0	
Rural .....	4,412,965	229,194	5.2	2,912,148	54,874	1.9	679,786	12,787	1.9	751,977	152,488	20.3	63,132	7,722	12.2	
EAST NORTH CENTRAL .....	14,568,949	491,850	3.4	7,370,025	122,256	1.7	3,941,206	35,809	0.9	2,985,823	300,613	10.1	254,545	28,071	11.0	
Urban .....	7,831,590	277,444	3.5	3,102,539	27,193	0.9	2,400,758	12,530	0.5	2,124,920	217,771	10.2	198,669	19,229	9.7	
Rural .....	6,737,359	214,406	3.2	4,267,486	95,063	2.2	1,540,448	23,279	1.5	800,903	82,842	9.6	55,876	8,842	15.8	
WEST NORTH CENTRAL .....	9,097,311	263,138	2.9	4,798,510	81,362	1.7	2,482,634	17,661	0.7	1,579,694	120,573	7.6	203,641	30,436	14.9	
Urban .....	3,203,714	86,958	2.7	1,558,468	11,732	0.8	883,660	4,626	0.5	616,718	52,698	8.5	141,823	17,454	12.3	
Rural .....	5,893,597	176,180	3.0	3,240,042	69,630	2.1	1,598,974	13,035	0.8	962,976	67,880	7.0	61,818	12,982	21.0	
SOUTH ATLANTIC .....	9,012,826	1,444,294	16.0	5,397,864	429,618	8.0	339,771	4,191	1.2	280,387	37,934	13.5	2,986,936	969,432	32.5	
Urban .....	2,493,359	211,760	8.5	1,320,961	29,111	2.2	244,255	1,897	0.8	185,142	21,511	11.6	741,429	158,906	21.4	
Rural .....	6,519,467	1,232,534	18.9	4,076,903	400,507	9.8	95,516	2,294	2.4	95,245	16,423	17.2	2,245,507	810,526	36.1	
EAST SOUTH CENTRAL .....	6,178,578	1,072,100	17.4	3,945,830	378,088	9.6	184,771	2,142	1.7	84,893	8,215	9.7	1,960,898	681,507	34.8	
Urban .....	1,279,677	122,477	9.6	670,026	15,910	2.4	130,989	1,057	0.8	66,769	5,163	9.1	421,529	100,257	23.8	
Rural .....	4,898,901	949,623	19.4	3,275,804	362,178	11.1	53,782	2,085	3.9	28,124	3,052	10.9	1,539,369	581,250	37.8	
WEST SOUTH CENTRAL .....	6,394,043	845,604	13.2	4,101,510	229,807	5.6	449,348	34,737	7.7	330,431	84,674	25.6	1,460,705	483,022	33.1	
Urban .....	1,562,545	112,889	7.2	883,283	12,088	1.4	190,471	5,315	2.8	130,677	23,415	17.9	353,611	71,652	20.3	
Rural .....	4,831,498	732,715	15.2	3,218,227	217,719	6.8	258,877	29,422	11.4	199,754	61,259	30.7	1,107,094	411,370	37.2	
MOUNTAIN .....	2,054,249	140,737	6.9	1,081,180	39,253	3.6	461,408	5,754	1.2	423,068	52,950	12.5	18,755	1,497	8.0	
Urban .....	772,572	23,962	3.1	384,424	3,567	0.9	198,892	1,380	0.7	168,430	16,274	9.7	13,505	939	7.0	
Rural .....	1,281,677	116,775	9.1	696,756	35,686	5.1	262,516	4,374	1.7	254,638	36,676	14.4	5,250	558	10.6	
PACIFIC .....	3,496,885	103,822	3.0	1,684,658	7,041	0.4	820,371	4,145	0.5	840,999	67,645	8.0	25,575	1,614	6.3	
Urban .....	2,037,756	40,881	2.0	921,838	2,353	0.3	519,314	1,631	0.3	515,716	30,878	6.0	21,348	1,133	5.3	
Rural .....	1,459,129	62,941	4.3	762,800	4,688	0.6	301,057	2,514	0.8	325,283	36,767	11.3	4,227	481	11.4	

PRINCIPAL CITIES.

Table 33 gives a statement of illiteracy in 1910 and 1900 by color or race, nativity, and parentage for cities having a population of 100,000 or more. Somewhat less detailed statistics for cities having from 25,000 to 100,000 inhabitants are given in Table 34.

Among the 50 cities having 100,000 inhabitants or more in 1910, there were four in which the proportion of illiterates in the total population 10 years of age and over was less than 2 per cent (Seattle, 1.1 per cent; Portland, Oreg., 1.2 per cent; Spokane, 1.3 per cent; and Los Angeles, 1.9 per cent), and 10 others in which the proportion of illiterates in the total population was between 2 and 3 per cent. The two cities having the largest percentage of illiteracy were Fall River (13.2), where the high average was due to the large proportion of the foreign born in the population, and Birmingham

(10.4), where the high average was due to the large proportion of negroes. The differences between the percentages in other cities were likewise due in large part to differences in the proportions of foreign born or negroes; among the native whites there was relatively little variation in the percentage of illiteracy, which was uniformly very low.

In general, the proportion of illiterates in the total population of these 50 cities was less in 1910 than in 1900. Eighteen cities, however—Albany, Bridgeport, Chicago, Denver, Detroit, Jersey City, Minneapolis, New Haven, Oakland, Omaha, Paterson, Philadelphia, Pittsburgh, Providence, Rochester, Scranton, Syracuse, and Worcester—constituted exceptions to this rule, and in each of these cities, it will be noted, there was a considerable increase in the number of illiterates of foreign birth.



## ABSTRACT OF THE CENSUS—POPULATION.

ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER IN CITIES OF 100,000 INHABITANTS OR MORE:  
1910 AND 1900.

Table 33

CITY.	ALL CLASSES.				NATIVE WHITE.								FOREIGN-BORN WHITE.				NEGRO.			
					Native parentage.				Foreign or mixed parentage.											
	1910		1900		1910		1900		1910		1900		1910		1900		1910		1900	
	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.
Albany, N. Y.	2,762	3.2	2,181	2.8	111	0.3	144	0.5	163	0.5	212	0.7	2,440	13.8	1,755	10.0	39	4.2	68	6.4
Atlanta, Ga.	10,813	8.6	11,406	15.8	1,522	2.1	1,049	2.8	23	0.5	30	0.9	250	5.9	208	8.6	9,005	20.9	10,099	35.1
Baltimore, Md.	20,325	4.4	29,148	7.2	1,191	0.6	2,351	1.3	664	0.6	1,175	1.2	8,952	12.0	8,585	12.9	9,438	13.2	16,846	25.7
Birmingham, Ala.	11,026	10.4	5,986	19.1	626	1.2	187	1.4	40	0.7	25	1.2	829	15.1	241	13.9	9,528	22.1	5,532	40.3
Boston, Mass.	24,468	4.4	23,320	5.1	155	0.1	165	0.1	363	0.2	412	0.3	23,371	10.0	21,557	11.3	420	3.5	786	7.9
Bridgeport, Conn.	4,440	5.4	2,999	5.3	47	0.2	47	0.3	94	0.4	92	0.6	4,235	12.1	2,727	12.6	58	5.2	123	12.6
Buffalo, N. Y.	12,745	3.7	13,152	4.8	203	0.2	255	0.4	622	0.5	654	0.6	11,838	10.3	12,142	12.0	65	4.1	81	5.4
Cambridge, Mass.	2,540	3.0	3,388	4.6	28	0.1	32	0.2	46	0.2	100	0.5	2,241	6.6	2,900	9.9	213	5.6	337	11.0
Chicago, Ill.	79,911	4.5	51,142	3.9	556	0.2	442	0.2	1,704	0.3	1,339	0.3	75,802	10.0	47,088	8.2	1,595	4.0	2,014	7.5
Cincinnati, Ohio.	9,576	3.1	8,848	3.4	1,175	1.0	590	0.8	598	0.5	672	0.6	5,296	9.6	5,114	8.9	2,503	14.3	2,468	19.8
Cleveland, Ohio.	20,676	4.6	14,091	4.7	190	0.2	177	0.3	403	0.3	391	0.4	19,721	10.5	13,004	10.7	306	4.1	487	9.4
Columbus, Ohio.	4,442	2.9	3,290	3.2	1,210	1.3	770	1.3	266	0.9	295	1.2	1,994	12.6	1,109	9.1	962	8.7	1,109	15.9
Dayton, Ohio.	2,224	2.3	1,797	2.6	285	0.5	362	1.0	105	0.5	157	0.8	1,423	10.6	918	9.3	392	9.5	354	12.4
Denver, Colo.	3,841	2.1	1,979	1.8	131	0.2	100	0.2	143	0.3	74	0.3	3,076	8.1	1,396	5.7	291	6.0	339	10.0
Detroit, Mich.	18,731	5.0	9,062	4.1	204	0.2	165	0.4	707	0.5	499	0.6	17,633	1.7	8,119	8.6	176	3.5	278	8.0
Fall River, Mass.	12,276	13.2	12,110	14.9	97	0.9	118	1.1	636	2.0	541	2.4	11,510	23.5	11,403	24.1	25	8.1	32	11.1
Grand Rapids, Mich.	2,271	2.5	2,136	3.1	61	0.2	98	0.4	84	0.3	114	0.5	2,088	7.6	1,873	8.0	28	4.8	45	8.5
Indianapolis, Ind.	5,874	3.0	6,004	4.3	1,163	0.9	1,057	1.4	194	0.5	306	1.0	2,191	11.3	1,882	11.1	2,316	12.4	2,745	20.3
Jersey City, N. J.	11,797	5.6	7,171	4.5	131	0.2	89	0.2	436	0.6	246	0.4	10,952	14.5	6,518	11.4	240	4.9	244	7.9
Kansas City, Mo.	4,937	2.3	5,258	3.9	550	0.4	544	0.7	137	0.4	148	0.6	2,192	8.9	1,593	8.8	2,038	9.6	2,958	19.5
Los Angeles, Cal.	5,258	1.9	1,956	2.3	289	0.2	262	0.6	217	0.4	142	0.7	4,101	7.0	938	5.3	389	6.0	273	15.9
Louisville, Ky.	9,896	5.3	14,567	8.8	1,142	1.3	1,253	1.9	451	1.0	613	1.3	1,627	9.5	2,304	10.8	6,662	18.7	10,397	31.1
Lowell, Mass.	5,172	6.0	6,843	8.8	46	0.3	75	0.4	194	0.7	328	1.6	4,928	11.7	6,412	16.3	3	2.7	9	7.6
Memphis, Tenn.	8,855	8.0	14,989	18.3	255	0.5	246	0.9	27	0.3	66	0.8	622	9.9	561	11.3	7,932	17.6	14,106	35.1
Milwaukee, Wis.	10,765	4.6	8,243	3.8	70	0.1	62	0.2	384	0.3	436	0.4	10,274	9.5	7,695	8.8	26	2.9	47	6.1
Minneapolis, Minn.	6,139	2.4	2,977	1.8	84	0.1	77	0.2	214	0.2	166	0.3	5,760	6.8	2,641	4.4	69	2.9	83	6.2
Nashville, Tenn.	7,947	8.8	9,460	14.4	898	1.8	1,020	3.2	33	0.5	80	1.3	205	7.0	295	9.9	6,810	22.0	8,059	32.4
New Haven, Conn.	7,502	7.0	4,875	5.6	47	0.2	57	0.2	126	0.4	86	0.3	7,179	17.4	4,465	14.9	137	4.5	248	10.3
New Orleans, La.	18,987	6.9	30,820	13.6	1,056	1.0	1,419	2.1	782	1.2	1,310	2.0	3,504	12.9	5,333	18.3	13,541	18.3	22,586	36.1
New York, N. Y.	254,208	6.7	181,835	6.8	1,322	0.2	1,367	0.3	4,391	0.4	3,977	0.5	245,095	13.2	170,638	13.9	2,893	3.6	4,362	8.3
Manhattan Borough.	151,218	8.0	132,977	8.2	475	0.2	591	0.2	1,879	0.4	1,770	0.5	146,871	13.8	108,897	15.5	1,711	5.2	2,224	6.6
Bronx Borough.	15,783	4.0	11,111	8.2	111	0.2	111	0.2	304	0.2	2,140	0.4	15,158	9.1	18,181	15.5	181	5.3	2,224	6.6
Brooklyn Borough.	78,145	6.1	41,832	4.6	535	0.2	594	0.3	1,843	0.4	1,566	0.5	74,799	13.6	37,648	10.9	806	4.2	1,734	11.1
Queens Borough.	8,374	3.8	5,171	4.5	145	0.3	102	0.4	254	0.3	194	0.5	7,819	10.1	4,554	10.3	135	5.1	238	13.2
Richmond Borough.	2,690	3.9	1,835	3.5	58	0.5	80	0.5	111	0.5	77	0.5	2,448	10.4	1,539	8.4	60	6.4	116	15.3
Newark, N. J.	16,553	6.0	11,715	6.1	222	0.3	192	0.4	553	0.6	546	0.8	15,131	14.2	10,218	14.7	589	7.5	708	12.8
Oakland, Cal.	3,863	3.0	1,614	2.9	90	0.2	27	0.1	245	0.6	58	0.3	3,000	8.3	1,268	7.9	87	3.3	50	5.6
Omaha, Nebr.	2,798	2.7	1,662	2.0	92	0.2	78	0.2	92	0.3	52	0.2	2,352	8.9	1,189	5.1	249	6.3	315	10.6
Paterson, N. J.	6,927	6.9	5,191	6.3	201	0.9	266	1.5	226	0.7	316	1.2	6,333	14.5	4,346	11.6	146	11.3	213	21.7
Philadelphia, Pa.	57,700	4.6	45,546	4.4	2,219	0.5	2,108	0.5	2,257	0.6	1,971	0.7	47,467	12.9	35,025	12.1	5,595	7.8	5,883	11.1
Pittsburgh, Pa.	26,627	6.2	20,402	5.8	429	0.3	518	0.5	780	0.6	959	0.8	23,984	17.5	16,468	14.6	1,409	6.6	2,437	14.4
Portland, Oreg.	2,145	1.2	3,925	5.1	96	0.1	37	0.1	84	0.2	39	0.2	1,674	3.9	733	4.2	18	1.9	33	4.6
Providence, R. I.	14,236	7.7	10,029	7.0	156	0.3	180	0.4	551	1.0	569	1.4	13,039	17.6	8,607	16.0	434	9.7	634	15.9
Richmond, Va.	8,641	8.2	9,501	13.7	703	1.3	611	1.8	36	0.6	53	1.1	283	7.1	249	8.9	7,615	19.6	8,572	32.2
Rochester, N. Y.	6,916	3.8	3,499	2.7	146	0.2	94	0.2	198	0.3	202	0.4	6,557	11.5	3,174	7.9	11	1.4	29	5.7
St. Louis, Mo.	21,123	3.7	20,359	4.4	1,112	0.6	1,348	1.0	1,196	0.6	1,666	0.9	13,899	11.4	10,764	9.8	4,799	12.4	6,516	21.3
St. Paul, Minn.	3,751	2.1	3,956	3.1	55	0.1	54	0.2	156	0.2	176	0.4	3,459	6.3	3,570	7.7	66	2.3	145	7.3
San Francisco, Cal.	7,697	2.1	8,960	3.1	194	0.2	127	0.2	243	0.2	261	0.2	5,987	4.7	5,743	5.6	76	5.1	92	6.4
Scranton, Pa.	8,933	8.9	6,814	8.8	174	0.6	195	1.0	452	1.2	643	2.1	8,289	24.3	5,930	20.9	16	3.3	41	9.5
Seattle, Wash.	2,217	1.1	901	1.3	66	0.1	47	0.1	47	0.1	34	0.2	1,820	3.1	402	2.2	57	2.7	20	5.3
Spokane, Wash.	1,123	1.3	554	1.8	47	0.1	7	(?)	17	0.1	11	0.2	898	4.4	397	5.4	16	2.4	19	5.7
Syracuse, N. Y.	5,629	4.9	2,800	3.2	204	0.4	238	0.7	190	0.5	213	0.7	5,179	17.3	2,264	9.7	50	5.1	77	8.8
Toledo, Ohio.	3,809	2.8	3,865	3.7	462	0.8	461	1.2	281	0.6	357	1.0	2,990	9.6	2,879	10.6	71	4.3	155	10.5
Washington, D. C.	13,812	4.9	20,028	8.6	797	0.6	975	0.9	163	0.4	163	0.5	1,944	8.2	1,342	7.0	10,814	13.5	17,462	24.3
Worcester, Mass.	5,977	5.0	4,580	4.9	82	0.2	84	0.3	209	0.6	383	1.4	5,641	12.0	4,009	11.0	36	3.5	75	8.2

<sup>1</sup> Includes population of Allegheny for 1900.<sup>2</sup> Less than one-tenth of 1 per cent.



## ILLITERACY.

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ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, AND ILLITERATE MALES 21 YEARS OF AGE AND OVER, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910 AND 1900.

[Per cent not shown where base is less than 100.]

Table 34

CITY.	ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER.												ILLITERATES AMONG MALES 21 YEARS OF AGE AND OVER.			
	All classes.				Native white: 1910				Foreign-born white: 1910		Negro: 1910		1910		1900	
	1910		1900		Native parentage.		Foreign or mixed parentage.									
	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.
Alabama																
Mobile.....	5,195	12.3	6,493	20.8	162	1.0	17	0.3	97	4.5	4,913	25.9	1,748	11.6	2,191	20.6
Montgomery.....	4,223	13.4	6,478	26.7	131	1.0	1	0.1	30	4.4	4,059	25.1	1,267	11.7	1,790	23.0
Arkansas																
Little Rock.....	2,456	6.5	3,863	12.5	429	2.2	21	0.5	58	3.0	1,943	15.8	927	6.3	1,416	12.1
California																
Berkeley.....	475	1.4			5	(1)	13	0.1	394	5.3	8	3.8	250	2.0	61	1.6
Pasadena.....	319	1.2			56	0.3	22	0.4	159	3.8	38	6.0	160	1.7	57	2.1
Sacramento.....	534	1.4	847	3.4	36	0.2	20	0.2	373	4.3	24	5.5	264	1.4	548	5.0
San Diego.....	545	1.6			33	0.2	34	0.5	412	5.8	52	9.6	268	1.8	150	2.5
San Jose.....	781	3.2			44	0.4	28	0.4	638	11.2	4	2.5	371	3.8	364	5.5
Colorado																
Colorado Springs.....	221	0.9			38	0.2	10	0.2	105	3.6	65	6.9	91	1.0	48	0.7
Pueblo.....	2,023	5.6	1,209	5.4	188	0.9	46	0.7	1,629	20.0	137	10.6	1,192	7.1	693	6.8
Connecticut																
Hartford.....	4,030	5.0	3,511	5.4	54	0.2	71	0.3	3,818	12.6	70	4.8	1,566	5.0	1,484	5.6
Meriden town.....	1,085	4.2			11	0.2	36	0.4	1,035	11.3	3	2.7	431	4.6	369	4.5
Meriden city.....	953	4.5			8	0.1	39	0.4	917	11.7	5	2.7	568	4.6	516	4.5
New Britain.....	3,174	9.2	1,572	7.8	13	0.2	37	0.4	3,120	17.8	3	.....	1,272	9.1	668	8.3
Norwich town.....	1,528	6.6			32	0.4	50	0.7	1,371	16.9	67	12.3	593	7.2	579	8.2
Stamford town.....	1,381	6.0			31	0.4	27	0.5	1,310	15.4	13	4.5	515	5.8	336	6.1
Stamford city.....	1,299	6.5			17	0.5	24	0.5	1,247	16.1	11	5.9	473	6.2	309	6.7
Waterbury.....	3,557	6.2	2,036	5.7	25	0.2	68	0.4	3,429	13.9	32	5.2	1,643	7.2	923	6.8
Delaware																
Wilmington.....	4,689	6.6	5,051	8.2	219	0.6	101	0.7	2,905	21.8	1,457	18.7	2,191	8.0	2,170	9.4
Florida																
Jacksonville.....	3,829	7.9	3,204	14.1	81	0.4	5	0.2	81	3.3	3,654	14.7	1,366	7.0	992	12.1
Tampa.....	2,203	7.5			66	0.7	81	2.5	1,206	13.1	850	11.5	643	5.5	519	10.5
Georgia																
Augusta.....	3,718	10.9	6,879	21.7	563	3.5	12	0.7	30	3.4	3,110	19.9	1,182	9.9	2,032	19.6
Macon.....	3,411	10.3			403	2.4	4	0.4	66	10.0	2,938	19.6	1,148	9.9	1,339	22.0
Savannah.....	7,795	14.6	8,368	19.0	168	1.0	26	0.5	211	6.5	7,387	26.5	2,510	12.8	2,628	16.4
Illinois																
Aurora.....	494	2.0			23	0.2	22	0.3	427	6.5	22	8.8	245	2.5	326	4.6
Bloomington.....	260	1.2			62	0.5	18	0.3	120	3.6	60	8.8	103	1.3	251	3.7
Danville.....	544	2.4			219	1.4	36	0.9	115	5.8	166	13.5	227	2.7	203	4.0
Decatur.....	330	1.3			111	0.6	19	0.4	139	6.0	57	8.6	142	1.5	134	2.2
East St. Louis.....	2,614	5.5	1,560	6.7	156	0.7	80	0.8	1,660	18.3	715	14.6	1,493	7.1	700	7.1
Elgin.....	615	2.8			32	0.4	40	0.5	515	9.2	24	16.3	242	3.1	270	4.2
Joliet.....	1,619	5.8	1,465	6.4	19	0.3	40	0.4	1,514	14.9	46	10.6	964	8.4	728	8.2
Peoria.....	724	1.3	1,020	2.2	120	0.4	77	0.4	423	4.9	99	7.2	286	1.2	413	2.3
Quincy.....	552	1.8	1,111	3.8	106	0.7	62	0.5	188	5.2	191	13.7	198	1.7	391	3.8
Rockford.....	761	2.0	503	2.0	9	0.1	13	0.1	729	5.4	9	5.1	360	2.4	129	1.5
Springfield.....	1,981	4.7	1,214	4.4	195	0.9	88	0.8	1,340	20.1	350	13.9	897	5.6	465	4.7
Indiana																
Evansville.....	1,938	3.4	2,790	5.9	475	1.5	182	1.2	271	6.1	1,010	18.7	827	3.9	1,180	7.0
Fort Wayne.....	1,152	2.2	653	1.8	596	2.1	137	0.8	383	5.4	35	7.0	399	2.0	248	2.0
South Bend.....	1,405	3.3	1,197	4.3	111	0.6	69	0.6	1,201	9.4	18	3.5	605	3.7	536	5.2
Terre Haute.....	808	1.7	1,104	3.7	376	1.1	60	0.7	215	5.8	152	6.9	341	1.8	446	4.0
Iowa																
Cedar Rapids.....	389	1.4	434	2.1	53	0.4	29	0.4	295	5.7	12	6.5	169	1.6	114	1.5
Clinton.....	375	1.8			33	0.4	31	0.4	284	5.9	27	8.9	181	2.2	201	3.0
Council Bluffs.....	665	2.8	462	2.3	75	0.6	22	0.4	422	10.1	36	12.4	446	4.7	194	2.5
Davenport.....	382	1.1	489	1.7	29	0.2	36	0.3	261	3.3	56	11.4	165	1.2	164	1.6
Des Moines.....	1,395	2.0	1,003	2.0	254	0.6	72	0.5	852	8.4	217	8.8	598	2.2	445	2.4
Dubuque.....	275	0.9	535	1.8	24	0.2	44	0.3	206	3.4	1	.....	99	0.8	156	1.4
Sioux City.....	691	1.7	350	1.4	34	0.2	31	0.3	622	6.1	1	0.4	365	2.2	117	1.2
Waterloo.....	311	1.4			39	0.3	19	0.3	250	9.5	3	.....	169	1.9	35	0.9
Kansas																
Kansas City.....	2,576	3.9	2,237	5.6	170	0.5	79	0.7	1,549	15.4	775	10.0	1,209	4.6	940	6.0
Topeka.....	935	2.6	1,101	4.0	95	0.4	28	0.5	417	10.4	395	10.4	408	2.9	445	4.6
Wichita.....	641	1.5			165	0.5	20	0.3	304	10.9	149	7.3	372	2.1	123	1.7
Kentucky																
Covington.....	1,077	2.5	1,526	4.5	253	1.1	94	0.7	209	5.3	520	20.7	434	2.8	594	5.1
Lexington.....	3,766	12.5	3,128	14.1	923	5.2	11	0.6	87	9.4	2,743	28.6	1,646	14.9	1,065	14.2
Newport.....	452	1.8	641	2.8	107	0.9	60	0.6	227	6.8	58	12.2	165	1.9	212	2.8
Louisiana																
Shreveport.....	3,604	15.8			54	0.6	6	0.5	172	17.6	3,362	29.7	1,116	12.9	977	20.8
Maine																
Lewiston.....	1,777	8.4			43	0.6	203	3.7	1,523	17.1	6	.....	798	11.0	1,038	16.5
Portland.....	1,393	2.8	1,591	3.8	48	0.2	40	0.4	1,291	11.0	7	2.9	588	3.2	597	3.9



## ABSTRACT OF THE CENSUS—POPULATION.

ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, AND ILLITERATE MALES 21 YEARS OF AGE AND OVER, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910 AND 1900—Continued.

[Per cent not shown where base is less than 100.]

Table 34—Continued.

CITY.	ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER.										ILLITERATES AMONG MALES 21 YEARS OF AGE AND OVER.					
	All classes.				Native white: 1910				Foreign-born white: 1910		Negro: 1910		1910		1900	
	1910		1900		Native parentage.		Foreign or mixed parentage.									
	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.
Massachusetts																
Brockton.....	1,222	2.6	1,033	3.2	28	0.1	30	0.2	1,141	7.6	16	3.8	543	3.0	424	3.4
Brookline town.....	240	1.0	.....	.....	7	0.1	12	0.2	217	2.6	1	0.5	76	1.0	62	1.2
Chelsea.....	2,085	8.1	1,329	4.9	26	0.4	26	0.4	2,018	15.5	9	4.4	790	7.8	488	4.8
Chilcopee.....	1,356	7.0	.....	.....	8	0.2	47	0.8	1,300	13.4	.....	.....	599	8.5	1,032	19.4
Everett.....	433	1.6	.....	.....	10	0.1	18	0.2	387	4.1	17	2.7	181	1.9	126	1.8
Fitchburg.....	1,897	6.3	1,610	6.5	26	0.3	94	1.1	1,773	13.4	.....	.....	826	7.6	699	7.7
Haverhill.....	1,444	4.0	1,540	5.1	34	0.2	49	0.6	1,342	12.3	16	4.8	649	4.8	576	5.2
Holyoke.....	3,108	6.8	4,001	11.4	35	0.5	155	0.9	2,912	13.0	1	.....	1,305	8.4	1,508	12.8
Lawrence.....	9,067	13.2	4,191	8.4	35	0.4	179	0.9	8,778	22.2	62	27.7	3,832	14.8	1,601	9.0
Lynn.....	2,261	3.0	1,540	2.7	49	0.2	63	0.3	2,102	7.9	36	6.2	1,000	3.4	585	2.7
Malden.....	774	2.2	664	2.4	13	0.1	15	0.1	709	5.4	30	7.9	225	1.8	226	2.4
New Bedford.....	9,350	12.1	6,055	12.2	90	0.6	297	1.6	8,423	20.8	532	23.7	4,085	14.5	2,264	13.2
Newton.....	1,231	3.7	832	3.0	17	0.1	14	0.2	1,159	10.5	35	8.9	572	8.3	344	3.7
Pittsfield.....	963	3.6	.....	.....	19	0.2	51	0.6	882	13.5	8	3.1	447	4.4	300	4.8
Quincy.....	621	2.4	.....	.....	13	0.2	30	0.4	572	5.5	1	.....	280	2.9	262	3.8
Salem.....	2,083	6.0	2,121	7.4	21	0.2	84	0.8	1,961	15.0	4	2.8	1,015	8.0	861	8.5
Somerville.....	1,232	1.9	1,318	2.7	20	0.1	27	0.1	1,163	5.7	12	6.6	538	2.4	490	2.7
Springfield.....	3,311	4.5	2,127	4.2	75	0.3	156	0.8	3,015	13.5	58	4.6	1,434	5.2	874	4.7
Taunton.....	2,601	9.4	1,788	7.1	89	0.9	101	1.2	2,337	24.6	72	33.3	1,267	12.4	758	8.2
Waltham.....	773	3.3	.....	.....	121	1.4	106	1.5	537	7.2	6	.....	279	3.5	333	5.0
Michigan																
Battle Creek.....	136	0.6	.....	.....	39	0.3	9	0.2	68	2.7	20	4.1	72	0.9	36	0.6
Bay City.....	1,269	3.6	1,265	5.9	75	0.9	232	1.5	957	8.9	5	3.7	569	4.5	543	7.5
Flint.....	381	1.2	.....	.....	54	0.3	16	0.2	303	4.8	3	0.9	239	1.6	73	1.8
Jackson.....	568	2.1	366	1.7	42	0.3	22	0.3	469	11.1	28	8.7	320	3.0	173	2.1
Kalamazoo.....	597	1.8	.....	.....	129	0.7	63	0.8	372	5.7	29	5.0	266	2.1	169	2.3
Lansing.....	403	1.5	.....	.....	37	0.2	27	0.4	318	8.2	21	7.0	205	1.9	165	3.5
Saginaw.....	1,267	3.1	1,028	3.0	65	0.5	113	0.7	1,071	9.4	16	5.7	549	3.6	410	3.5
Minnesota																
Duluth.....	1,720	2.7	1,495	3.7	27	0.2	59	0.3	1,625	5.4	3	0.8	948	3.2	721	3.8
Missouri																
Joplin.....	435	1.7	516	2.5	306	1.4	20	0.9	26	2.9	82	11.7	159	1.6	195	2.3
St. Joseph.....	1,534	2.4	1,742	2.1	403	1.0	86	0.7	561	7.1	480	12.9	727	2.8	712	2.1
Springfield.....	691	2.4	.....	.....	391	1.7	22	0.7	27	2.4	250	15.0	265	2.5	267	4.1
Montana																
Butte.....	547	1.7	592	2.4	12	0.1	22	0.2	469	3.7	10	4.5	268	1.7	339	2.5
Nebraska																
Lincoln.....	1,298	3.6	607	1.9	65	0.3	20	0.3	1,177	17.5	36	5.6	458	3.3	207	1.7
South Omaha.....	1,085	5.3	475	2.4	16	0.3	20	0.3	1,001	13.3	46	7.6	630	7.3	205	2.1
New Hampshire																
Manchester.....	3,374	5.9	4,055	8.9	41	0.3	186	1.2	3,145	11.1	1	.....	1,434	7.3	1,593	10.3
Nashua.....	1,447	6.8	.....	.....	30	0.4	64	1.2	1,353	15.7	.....	.....	620	8.0	982	14.6
New Jersey																
Atlantic City.....	1,767	4.5	1,145	4.9	115	0.6	29	0.5	936	15.1	670	7.6	748	4.8	455	4.9
Bayonne.....	3,757	9.1	2,092	8.7	20	0.3	63	0.5	3,634	18.4	34	7.8	1,852	11.3	919	9.9
Camden.....	3,314	4.4	2,414	4.0	249	0.6	109	0.7	2,241	14.7	701	14.0	1,478	5.1	967	4.3
East Orange.....	367	1.3	.....	.....	21	0.1	18	0.3	210	3.7	117	7.4	108	1.1	92	1.6
Elizabeth.....	3,943	6.9	2,542	6.4	50	0.3	103	0.6	3,686	16.0	93	8.4	1,937	8.6	1,274	8.4
Hoboken.....	2,533	4.5	1,607	3.5	14	0.1	95	0.5	2,420	9.1	1	0.9	1,106	5.0	598	3.5
Orange.....	1,535	6.6	.....	.....	19	0.3	49	0.7	1,311	16.6	155	7.6	654	7.7	650	9.8
Passaic.....	6,684	15.8	3,225	14.9	20	0.4	84	1.0	6,523	23.8	54	11.9	2,241	15.0	1,011	13.4
Perth Amboy.....	2,368	9.9	.....	.....	9	0.2	37	0.6	2,313	16.8	9	7.0	1,161	11.6	910	15.7
Trenton.....	4,633	5.9	3,855	6.6	296	0.9	199	1.0	3,879	15.3	244	10.7	2,187	7.0	1,698	7.7
West Hoboken town.....	678	2.4	.....	.....	7	0.2	28	0.3	633	4.8	3	.....	222	2.2	114	1.8
New York																
Amsterdam.....	2,654	10.3	.....	.....	29	0.3	30	0.5	2,589	25.0	4	.....	1,164	12.3	403	6.7
Auburn.....	1,322	4.5	723	2.8	21	0.2	38	0.4	1,250	16.8	13	2.9	615	5.1	326	3.2
Binghamton.....	1,151	2.8	712	2.1	111	0.4	29	0.4	990	13.8	21	3.7	435	2.8	264	2.2
Elmira.....	793	2.5	942	3.1	51	0.3	34	0.4	661	12.8	44	9.5	345	2.9	387	3.4
Jamestown.....	684	2.6	.....	.....	11	0.1	14	0.2	658	6.4	1	.....	316	3.2	62	0.9
Kingston.....	924	4.3	.....	.....	93	0.8	56	0.9	730	22.0	45	9.0	403	5.3	491	7.2
Mount Vernon.....	1,015	4.1	.....	.....	7	0.1	12	0.2	950	12.3	46	6.1	432	4.9	406	7.1
New Rochelle.....	1,505	6.5	.....	.....	16	0.2	14	0.2	1,333	15.8	134	9.3	707	7.9	368	8.9
Newburgh.....	691	3.0	.....	.....	29	0.3	30	0.4	611	12.9	19	3.6	300	3.5	205	2.9
Niagara Falls.....	1,425	5.8	.....	.....	16	0.3	13	0.2	1,370	11.8	25	10.5	825	8.0	410	6.3
Poughkeepsie.....	649	2.8	.....	.....	54	0.4	33	0.6	543	12.3	19	3.2	264	3.0	278	3.9
Schenectady.....	3,148	5.4	1,285	4.9	68	0.3	81	0.6	2,968	16.5	8	3.3	1,684	6.7	656	5.9
Troy.....	1,279	2.0	2,301	4.5	68	0.3	110	0.5	1,074	7.1	26	4.5	475	2.1	895	5.3
Utica.....	5,044	8.2	2,471	5.4	88	0.4	112	0.6	4,821	23.4	23	7.5	2,146	9.5	1,025	6.3
Watertown.....	1,037	4.6	.....	.....	76	0.7	88	1.6	899	14.4	4	.....	389	6.9	304	4.5
Yonkers.....	5,311	8.4	1,698	4.6	34	0.2	76	0.4	5,097	19.7	90	7.0	2,491	10.6	709	5.3
North Carolina																
Charlotte.....	2,675	10.1	.....	.....	378	2.3	3	0.7	23	5.2	2,269	24.4	848	9.4	700	15.4
Wilmington.....	3,061	14.9	.....	.....	302	3.1	11	1.7	27	6.2	2,717	28.2	937	13.1	968	18.0



## ILLITERACY.

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ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, AND ILLITERATE MALES 21 YEARS OF AGE AND OVER, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910 AND 1900—Continued.

[Per cent not shown where base is less than 100.]

CITY.	ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER.												ILLITERATES AMONG MALES 21 YEARS OF AGE AND OVER.			
	All classes.				Native white: 1910				Foreign-born white: 1910		Negro: 1910		1910		1900	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Number.		Number.		Number.		Number.	
	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.
<b>Ohio</b>																
Akron.....	1,706	3.0	719	2.1	115	0.4	53	0.4	1,487	11.6	50	8.9	933	3.9	285	2.3
Canton.....	1,431	3.4	462	1.9	79	0.3	52	0.6	1,292	15.4	5	2.0	856	5.1	168	1.9
Hamilton.....	386	1.3	.....	.....	146	0.9	21	0.3	155	4.8	62	10.2	181	1.7	132	1.8
Lima.....	368	1.5	.....	.....	175	0.9	24	0.6	123	7.8	45	5.6	186	2.0	164	2.5
Lorain.....	1,228	5.6	.....	.....	7	0.1	14	0.3	1,200	11.5	7	2.3	709	7.0	207	3.6
Newark.....	265	1.3	.....	.....	80	0.5	14	0.4	148	7.4	21	7.1	137	1.6	162	3.0
Springfield.....	827	2.1	1,239	3.9	139	0.6	33	0.4	302	9.7	352	8.5	400	2.6	543	4.6
Youngstown.....	4,513	7.1	2,759	7.9	55	0.3	88	0.5	4,272	17.8	94	5.8	2,532	9.0	1,426	10.5
Zanesville.....	507	2.2	.....	.....	156	0.9	35	0.9	216	13.7	98	8.7	238	2.7	181	2.6
<b>Oklahoma</b>																
Muskogee.....	870	4.2	.....	.....	84	0.7	3	0.2	16	3.0	763	12.1	343	3.9	127	9.6
Oklahoma City.....	735	1.4	.....	.....	100	0.3	15	0.3	245	7.7	363	6.7	381	1.5	97	2.7
<b>Pennsylvania</b>																
Allentown.....	1,241	3.0	1,059	3.7	298	1.0	36	0.7	904	14.9	3	2.6	374	2.5	327	3.2
Altoona.....	1,307	3.1	628	2.1	240	0.8	59	0.9	990	19.8	15	3.8	611	3.9	252	2.3
Chester.....	2,085	6.6	1,869	6.9	89	0.6	49	0.7	1,392	21.5	552	13.8	1,124	9.1	851	8.4
Easton.....	609	2.6	459	2.2	132	0.8	34	0.9	433	14.4	9	3.8	213	2.4	149	2.0
Erie.....	1,979	3.7	1,270	3.1	63	0.3	101	0.5	1,796	12.4	18	6.0	1,054	5.2	623	4.0
Harrisburg.....	1,338	2.5	1,463	3.6	341	0.8	52	1.1	499	12.6	444	11.5	586	2.9	580	3.9
Hazleton.....	1,913	10.0	.....	.....	67	1.1	145	2.0	1,700	29.1	1	.....	758	11.3	286	7.8
Johnstown.....	3,912	9.0	2,533	9.3	180	0.9	112	1.3	3,591	24.4	19	5.0	2,604	13.3	1,502	13.7
Lancaster.....	666	1.7	798	2.4	270	0.9	72	1.1	230	7.3	92	13.1	276	2.0	281	2.5
McKeesport.....	1,336	4.1	1,918	7.6	49	0.5	34	0.4	1,210	9.9	43	6.7	628	4.9	1,017	10.4
New Castle.....	1,834	6.4	861	3.9	70	0.5	32	0.6	1,678	20.1	48	10.8	1,048	8.9	475	5.4
Norristown borough.....	2,057	8.8	.....	.....	529	3.7	216	4.9	1,183	30.5	128	15.8	837	9.7	259	3.9
Reading.....	2,367	3.0	2,555	4.1	658	1.1	85	1.0	1,699	18.8	23	3.4	1,075	3.7	989	4.4
Shenandoah borough.....	4,445	23.7	.....	.....	76	2.5	137	2.5	4,231	41.6	1	.....	2,296	28.6	2,417	37.5
Wilkes-Barre.....	3,609	6.9	2,438	6.2	122	0.7	180	1.0	3,261	20.9	46	8.1	1,630	8.6	995	7.3
Williamsport.....	364	1.4	625	2.7	111	0.6	20	0.4	178	7.8	55	7.0	164	1.8	244	3.1
York.....	1,000	2.7	949	3.5	640	2.1	64	2.2	181	11.7	115	11.6	406	8.0	340	3.6
<b>Rhode Island</b>																
Newport.....	653	2.9	.....	.....	17	0.2	24	0.3	532	8.6	78	5.8	306	3.5	245	3.6
Pawtucket.....	2,255	5.4	1,947	6.2	68	0.7	213	1.4	1,957	11.3	11	5.8	841	5.6	681	6.1
Warwick town.....	2,244	10.6	.....	.....	60	1.0	283	4.5	1,888	21.8	13	9.0	960	12.6	976	16.5
Woonsocket.....	2,703	9.1	3,384	15.6	37	0.9	285	2.8	2,379	15.3	2	.....	1,244	11.9	1,388	18.9
<b>South Carolina</b>																
Charleston.....	7,326	15.3	7,763	17.4	173	1.1	12	0.3	150	6.3	6,988	27.9	2,256	14.0	2,269	15.9
Columbia.....	3,723	17.4	.....	.....	626	5.7	11	2.1	36	8.4	3,050	32.2	1,234	16.2	1,117	18.8
<b>Tennessee</b>																
Chattanooga.....	3,665	9.9	3,916	15.5	467	2.5	8	0.4	85	6.6	3,104	20.7	1,440	10.1	1,347	14.7
Knoxville.....	1,942	6.5	3,040	11.6	960	4.5	13	0.9	36	4.7	932	14.2	634	6.0	933	10.3
<b>Texas</b>																
Austin.....	1,904	7.8	.....	.....	333	2.6	82	2.6	356	14.8	1,131	18.8	750	8.7	598	9.6
Dallas.....	3,042	4.0	2,477	7.2	329	0.7	31	0.4	310	6.1	2,370	15.4	1,130	3.8	849	6.6
El Paso.....	4,085	13.3	.....	.....	268	2.2	237	5.3	3,432	27.0	116	9.5	1,348	11.4	912	18.1
Fort Worth.....	2,289	3.8	1,113	5.3	268	0.7	45	1.0	637	15.6	1,329	12.0	1,104	4.4	352	4.2
Galveston.....	1,550	5.1	2,250	7.5	70	0.7	82	1.0	519	8.7	845	12.2	698	5.5	729	6.6
Houston.....	4,161	6.4	4,137	11.4	177	0.6	115	1.2	549	8.9	3,318	16.4	1,523	5.9	1,399	10.1
San Antonio.....	7,788	10.1	4,244	10.2	918	2.7	1,304	7.3	4,387	27.0	1,174	13.2	2,621	9.4	1,395	9.6
Waco.....	1,075	5.1	.....	.....	79	0.6	13	0.7	128	10.1	844	16.8	383	5.2	527	9.3
<b>Utah</b>																
Ogden.....	299	1.5	.....	.....	20	0.2	19	0.3	214	5.0	5	2.7	149	1.9	86	2.1
Salt Lake City.....	1,148	1.6	649	1.6	69	0.3	62	0.2	809	4.4	31	4.6	575	2.0	253	1.9
<b>Virginia</b>																
Lynchburg.....	2,195	9.3	.....	.....	161	1.1	5	0.8	64	14.5	1,964	25.3	729	9.3	830	18.0
Norfolk.....	4,966	9.0	6,925	18.4	368	1.3	12	0.4	426	12.5	4,148	19.7	1,790	8.6	2,440	17.5
Portsmouth.....	2,617	9.8	.....	.....	151	1.0	9	0.5	135	12.5	2,317	24.5	900	8.5	646	12.0
Roanoke.....	1,911	6.9	.....	.....	400	2.0	7	0.9	52	7.0	1,451	22.7	730	7.2	455	7.9
<b>Washington</b>																
Tacoma.....	1,255	1.8	874	2.9	36	0.1	29	0.2	1,080	5.2	25	3.6	696	2.1	522	3.7
<b>West Virginia</b>																
Huntington.....	1,271	5.1	.....	.....	981	4.6	16	1.6	23	4.6	240	13.3	525	5.6	248	7.3
Wheeling.....	1,082	3.2	1,174	3.8	157	0.9	93	0.9	735	13.8	95	9.0	509	4.0	455	4.1
<b>Wisconsin</b>																
Green Bay.....	1,123	5.7	.....	.....	72	1.3	365	3.6	676	16.9	2	.....	524	7.6	403	8.5
La Crosse.....	637	2.5	510	2.3	14	0.2	50	0.4	571	9.5	2	.....	256	2.9	183	2.4
Madison.....	343	1.6	.....	.....	4	(1)	15	0.2	305	7.5	6	5.2	172	2.2	78	1.4
Oshkosh.....	714	2.7	699	3.2	26	0.4	38	0.3	646	8.9	3	.....	321	3.4	252	3.4
Racine.....	1,127	3.6	960	4.3	5	0.1	36	0.3	1,081	8.9	4	3.9	586	4.7	358	4.3
Sheboygan.....	672	3.2	.....	.....	4	0.1	35	0.4	633	7.6	.....	.....	304	3.9	398	6.6
Superior.....	850	2.7	778	3.3	10	0.1	31	0.3	789	5.9	2	1.2	479	3.1	403	3.6

¹ Less than one-tenth of 1 per cent.



## ILLITERATE CHILDREN 10 TO 14 YEARS OF AGE.

United States as a whole.—The extent of illiteracy in the age group comprising children from 10 to 14 years old, inclusive, is of special significance, inasmuch as it foreshadows the proportion of illiteracy that may be expected for the whole native population in the future, if educational conditions remain unchanged. Moreover, a comparison of the figures for this age group as reported for 1910 and for 1900 will indicate, more clearly than any comparison of figures relating to the population as a whole, the changes which have taken place during the decade in the efficiency of the country's educational system. Comparative statistics of illiteracy among children from 10 to 14 years of age for 1910 and 1900 are given in Table 35.

Table 35	CHILDREN 10 TO 14 YEARS OF AGE, INCLUSIVE.					
	1910			1900		
	Total	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.
Total.....	9,107,140	370,136	4.1	8,080,234	577,649	7.1
White.....	7,918,408	144,675	1.8	6,959,238	240,580	3.5
Native.....	7,560,078	131,991	1.7	6,647,673	223,208	3.4
Native parentage.....	5,324,283	117,973	2.2	4,660,390	205,735	4.4
Foreign or mixed parentage.....	2,235,795	14,018	0.6	1,987,283	17,473	0.9
Foreign born.....	358,330	12,684	3.5	311,565	17,372	5.6
Negro.....	1,155,266	218,555	18.9	1,091,990	328,992	30.1

The percentage of illiteracy for children from 10 to 14 years of age declined from 7.1 in 1900 to 4.1 in 1910. The greatest relative change was among the native whites of native parentage, where the proportion of illiterates among children of this age group in 1910 was only half as great as in 1900. There was also a noteworthy diminution in the proportion for the foreign-born whites. Among the negroes the percentage of illiteracy for children 10 to 14 years of age

was still very high in 1910, being 18.9, but even this figure represented a notable reduction as compared with the percentage in 1900.

Divisions and states.—Table 36 gives, by divisions, the total population from 10 to 14 years of age, with the number and percentage illiterate, classified according to color or race, nativity, and parentage, for 1910, and the percentage of illiteracy for 1900.

In each of the four northern divisions and in the Pacific division less than 1 per cent of the children in this age group in 1910 were illiterate, the minimum percentage, 0.3, being in the East North Central division. In the three southern divisions taken together one-tenth of the children from 10 to 14 years of age were unable to write. In the Mountain division the percentage of illiteracy for this age group was smaller than in any of the southern divisions, but considerably larger than in the Pacific division. For native whites, both of native and of foreign or mixed parentage, the percentage of illiterates among children from 10 to 14 years of age was very small except in the South. The percentages for foreign-born whites were somewhat higher than for either class of the native whites in all of the divisions, and conspicuously so in the West South Central division. So far as the negro children were concerned, there was comparatively little difference in the northern and western divisions between the proportion of illiterates in this group and that among the native whites. On the other hand, the percentages of illiteracy for negro children in the southern divisions were conspicuously larger than the percentages for the white children.

A comparison of the figures shown for 1910 with those for 1900 indicates that there was in general a considerable diminution during the decade in the percentage of illiteracy among children from 10 to 14 years of age; indeed, in a great many cases the percentage in 1910 was less than half what it was in 1900.

Table 37 gives, by states, the population 10 to 14 years of age, with the number and percentage illiterate.

Table 36	CHILDREN 10 TO 14 YEARS OF AGE, INCLUSIVE.																				
	All classes.				Native white.								Foreign-born white.				Negro.				
	Illiterate.				Native parentage.				Foreign or mixed parentage.				Illiterate.				Illiterate.				
	DIVISION.	Total: 1910	Per cent.		Native parentage.				Foreign or mixed parentage.				Total: 1910	Per cent.		Total: 1910				Per cent.	
			1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910		1900	1910	1900	1910	1900			
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											
1910											1900	1910	1900	1910	1900	1910	1900	1910	1900		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900											



ILLITERATES AMONG CHILDREN 10 TO 14 YEARS OF AGE, INCLUSIVE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 37

DIVISION AND STATE.	1910			1900		
	Total.	Illiterate.		Total.	Illiterate.	
		Num-ber.	Per cent.		Num-ber.	Per cent.
<b>United States</b> .....	<b>9,107,140</b>	<b>370,136</b>	<b>4.1</b>	<b>8,080,234</b>	<b>577,649</b>	<b>7.1</b>
<b>GEOGRAPHIC DIVISIONS:</b>						
New England.....	559,556	1,970	0.4	465,807	4,773	1.0
Middle Atlantic.....	1,726,086	7,313	0.4	1,442,376	13,135	0.9
East North Central.....	1,706,759	5,327	0.3	1,654,278	10,977	0.7
West North Central.....	1,170,674	6,067	0.6	1,151,704	16,596	1.4
South Atlantic.....	1,399,058	140,097	10.0	1,247,791	221,977	17.8
East South Central.....	969,343	103,293	10.7	922,176	168,028	18.2
West South Central.....	1,016,131	95,759	9.4	816,211	131,621	16.1
Mountain.....	239,610	8,228	3.4	163,371	8,838	5.4
Pacific.....	322,523	1,542	0.5	216,520	1,794	0.8
<b>NEW ENGLAND:</b>						
Maine.....	64,588	493	0.8	60,307	1,255	2.1
New Hampshire.....	36,271	123	0.3	32,897	557	1.7
Vermont.....	31,451	105	0.3	30,179	287	1.0
Massachusetts.....	284,960	697	0.2	229,330	1,547	0.7
Rhode Island.....	47,014	290	0.6	36,739	691	1.9
Connecticut.....	95,272	202	0.3	76,355	436	0.6
<b>MIDDLE ATLANTIC:</b>						
New York.....	785,826	2,619	0.3	643,788	4,740	0.7
New Jersey.....	228,095	1,163	0.5	174,347	2,069	1.2
Pennsylvania.....	711,565	3,531	0.5	624,241	6,326	1.0
<b>EAST NORTH CENTRAL:</b>						
Ohio.....	425,092	1,304	0.3	414,847	2,048	0.5
Indiana.....	255,568	714	0.3	264,822	1,453	0.5
Illinois.....	529,955	1,805	0.3	494,880	4,044	0.8
Michigan.....	258,480	758	0.3	247,617	1,744	0.7
Wisconsin.....	246,154	746	0.3	232,112	1,688	0.7
<b>WEST NORTH CENTRAL:</b>						
Minnesota.....	214,402	565	0.3	192,064	1,365	0.7
Iowa.....	222,577	536	0.2	239,549	883	0.4
Missouri.....	324,191	3,744	1.2	347,265	11,600	3.4
North Dakota.....	59,392	705	1.2	35,567	836	2.4
South Dakota.....	60,021	394	0.7	47,299	472	1.0
Nebraska.....	121,782	310	0.3	121,743	412	0.3
Kansas.....	168,309	443	0.3	168,277	878	0.5
<b>SOUTH ATLANTIC:</b>						
Delaware.....	19,308	293	1.5	18,746	845	4.5
Maryland.....	129,605	3,257	2.5	126,217	5,839	4.6
District of Columbia.....	24,649	93	0.4	22,734	398	1.8
Virginia.....	237,563	21,917	9.2	229,837	34,612	15.7
West Virginia.....	131,027	3,491	2.7	110,729	5,819	5.3
North Carolina.....	265,964	26,955	10.1	235,325	51,190	21.8
South Carolina.....	192,406	32,858	17.1	174,363	51,536	29.6
Georgia.....	315,217	42,861	13.6	277,865	63,329	22.8
Florida.....	80,319	8,282	10.3	60,975	8,389	13.8
<b>EAST SOUTH CENTRAL:</b>						
Kentucky.....	252,905	15,233	6.0	251,653	21,247	8.4
Tennessee.....	243,328	18,285	7.5	243,773	36,375	14.9
Alabama.....	253,196	41,537	16.4	228,685	66,072	28.9
Mississippi.....	219,914	28,238	12.8	198,065	44,334	22.4
<b>WEST SOUTH CENTRAL:</b>						
Arkansas.....	179,879	14,820	8.2	166,481	26,972	16.2
Louisiana.....	193,791	47,734	24.6	169,385	55,091	32.9
Oklahoma <sup>1</sup> .....	186,069	4,531	2.4	97,168	13,467	13.9
Texas.....	456,792	28,674	6.3	383,177	35,491	9.3
<b>MOUNTAIN:</b>						
Montana.....	29,686	398	1.3	19,397	374	1.9
Idaho.....	31,902	112	0.4	16,982	209	1.2
Wyoming.....	10,829	57	0.5	7,843	72	0.9
Colorado.....	69,688	605	0.9	48,871	742	1.5
New Mexico.....	34,408	3,824	11.1	21,849	4,354	19.9
Arizona.....	18,091	2,750	15.2	11,671	2,592	22.2
Utah.....	40,070	269	0.7	33,370	220	0.7
Nevada.....	4,936	213	4.3	3,388	275	8.1
<b>PACIFIC:</b>						
Washington.....	92,802	332	0.4	48,233	340	0.7
Oregon.....	55,776	112	0.2	41,398	175	0.4
California.....	173,945	1,098	0.6	126,889	1,279	1.0

<sup>1</sup> Includes population of Indian Territory for 1900.

## MALES 21 YEARS OF AGE AND OVER.

United States as a whole.—By reason of the political privileges which appertain to males 21 years of age and over a peculiar interest attaches to the proportion of illiterates in this class of the population, which is shown in Table 38.

Table 38

MALES 21 YEARS OF AGE AND OVER.

CLASS OF POPULATION.	Total.		Number illiterate.		Per cent illiterate.	
	1910	1900	1910	1900	1910	1900
<b>Total</b> .....	<b>26,999,151</b>	<b>21,134,299</b>	<b>2,273,603</b>	<b>2,288,470</b>	<b>8.4</b>	<b>10.8</b>
White.....	24,357,514	18,918,697	1,406,364	1,249,897	5.8	6.6
Native.....	17,710,697	14,014,427	617,733	687,581	3.5	4.9
Native parentage..	13,211,731	10,569,743	557,042	618,606	4.2	5.9
Foreign or mixed parentage.....	4,498,966	3,444,684	60,691	68,975	1.3	2.0
Foreign born.....	6,646,817	4,904,270	788,631	562,316	11.9	11.5
Negro.....	2,458,873	2,060,302	819,135	976,610	33.3	47.4
Indian.....	62,967	57,077	32,603	36,334	51.8	63.7
Chinese.....	60,421	81,018	9,452	22,476	15.6	27.7
Japanese.....	56,638	17,205	4,928	3,153	8.7	18.3
All other.....	2,738		1,121		40.9	

The percentage of illiteracy for the total male population 21 years of age and over in 1910 was 8.4. For the native whites of native parentage the percentage was 4.2, for the native whites of foreign or mixed parentage 1.3, for the foreign-born whites 11.9, and for the negroes 33.3. In the total population, and in every class except the foreign-born whites, the percentage of illiteracy among males 21 years of age and over was less in 1910 than in 1900.

Divisions and states.—The number and percentage of illiterate males 21 years of age and over in the principal color or race, nativity, and parentage groups is shown by divisions and states in Table 39.

In the total number of males 21 years of age and over the percentage of illiteracy was lowest in the West North Central division and highest in the East South Central division. The three southern divisions, which contain large numbers of negroes, had much higher proportions of illiterates among males 21 years of age and over than the northern and western divisions.

A comparison of the figures for 1910 with those for 1900 shows that, except in the Middle Atlantic division, where the proportion of illiterates remained the same, and the New England division, which shows a comparatively small decrease, there was generally throughout the United States a considerable decrease during the decade in the percentage of illiterates among males 21 years of age and over. The exceptional situation in New England and the Middle Atlantic division is due to the fact that these divisions have received a great part of the recent immigrants to the United States.

Principal cities.—Table 40 gives figures showing the number and percentage of illiterates among males 21 years of age and over in cities having 100,000 inhabitants or more, similar information in condensed form being given in Table 34 for cities having 25,000 to 100,000 inhabitants.



## ILLITERATE MALES 21 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 39

DIVISION AND STATE.	ALL CLASSES.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Number.	Per cent.	Number.	Per cent.
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.				
<b>United States</b> .....	<b>2,273,603</b>	<b>8.4</b>	<b>2,288,470</b>	<b>10.8</b>	<b>557,042</b>	<b>4.2</b>	<b>60,691</b>	<b>1.3</b>	<b>788,631</b>	<b>11.9</b>	<b>819,135</b>	<b>33.3</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	127,449	6.3	117,144	6.9	8,398	1.0	7,622	2.0	108,853	13.7	1,967	8.9
Middle Atlantic.....	401,098	6.8	308,291	6.8	34,360	1.5	12,514	1.1	340,642	15.0	11,826	8.5
East North Central.....	241,755	4.3	236,561	5.1	59,185	2.3	16,669	1.3	150,136	9.5	13,285	12.4
West North Central.....	123,369	3.5	130,603	4.5	38,518	2.3	7,651	0.9	58,309	6.7	13,468	16.2
South Atlantic.....	540,246	17.6	611,631	24.5	166,364	9.0	1,672	1.4	19,659	13.0	351,220	36.8
East South Central.....	406,530	19.4	406,085	26.0	148,311	11.1	1,482	2.1	3,631	7.8	252,677	39.3
West South Central.....	310,191	13.7	320,986	20.3	86,421	6.0	9,353	6.0	36,251	21.1	173,284	35.4
Mountain.....	63,138	6.9	50,011	8.9	12,195	2.8	2,089	1.2	31,203	12.1	707	7.9
Pacific.....	59,827	3.7	47,098	5.3	3,290	0.5	1,639	0.6	39,947	7.9	701	5.8
<b>NEW ENGLAND:</b>												
Maine.....	13,070	5.5	13,952	6.4	3,149	2.0	2,073	7.8	7,676	15.8	55	11.6
New Hampshire.....	8,413	6.2	10,295	7.9	859	1.1	609	3.4	6,909	16.5	29	14.5
Vermont.....	6,039	5.3	8,544	7.9	1,331	1.9	1,230	6.4	3,439	14.5	38	3.9
Massachusetts.....	61,900	6.1	53,694	6.4	1,700	0.5	2,172	1.0	56,504	12.5	1,186	9.4
Rhode Island.....	14,456	8.8	11,675	9.2	466	1.0	794	2.2	12,793	16.9	345	11.2
Connecticut.....	23,562	6.8	18,984	6.8	893	0.7	744	1.1	21,532	14.1	314	6.6
<b>MIDDLE ATLANTIC:</b>												
New York.....	170,030	6.0	130,004	5.9	11,443	1.3	6,383	1.0	148,703	12.2	2,295	5.0
New Jersey.....	51,086	6.6	38,305	6.9	4,216	1.5	1,207	0.8	42,347	13.7	3,062	10.7
Pennsylvania.....	179,982	7.8	139,982	7.7	18,701	1.7	4,924	1.3	149,592	20.2	6,479	10.1
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	62,998	4.2	58,698	4.8	19,188	2.3	3,379	1.1	35,160	11.4	5,169	13.2
Indiana.....	23,583	4.1	40,016	5.6	17,641	3.0	1,953	1.7	10,602	11.9	3,312	16.0
Illinois.....	79,433	4.6	67,481	4.8	15,588	2.3	3,275	0.8	55,907	9.2	4,349	10.9
Michigan.....	38,708	4.4	39,230	5.5	5,254	1.6	4,144	1.9	28,034	9.3	397	6.3
Wisconsin.....	27,038	4.0	31,136	5.5	1,514	1.0	3,918	1.5	20,433	7.6	58	5.4
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	23,603	3.7	20,856	4.1	732	0.5	1,757	0.9	19,947	6.7	123	3.6
Iowa.....	14,204	2.1	17,061	2.7	4,219	1.3	1,456	0.8	7,779	5.3	626	11.5
Missouri.....	51,284	5.3	60,327	7.0	27,860	4.4	2,357	1.4	10,848	8.9	10,068	19.0
North Dakota.....	5,467	3.1	5,187	5.4	203	0.5	290	0.6	4,029	5.1	16	5.1
South Dakota.....	5,550	3.1	5,628	5.0	305	0.5	299	0.6	2,323	4.3	24	7.0
Nebraska.....	8,545	2.4	7,388	2.5	1,401	0.8	643	0.7	5,886	6.2	231	7.2
Kansas.....	14,716	2.9	14,216	3.4	3,798	1.1	849	1.0	7,497	10.1	2,380	13.5
<b>SOUTH ATLANTIC:</b>												
Delaware.....	6,272	10.1	7,538	14.0	1,672	4.4	68	1.1	1,692	19.3	2,829	31.3
Maryland.....	31,238	8.5	40,352	12.5	8,097	4.0	523	1.0	5,037	10.5	17,484	27.3
District of Columbia.....	5,082	4.9	7,052	8.4	325	0.7	66	0.5	810	6.9	3,801	13.8
Virginia.....	92,917	17.7	113,353	25.3	33,488	9.9	192	1.8	1,297	8.7	57,867	36.3
West Virginia.....	35,040	10.4	32,066	12.9	20,666	7.8	356	2.2	8,528	24.6	5,457	24.0
North Carolina.....	107,563	21.3	122,658	29.4	49,619	14.1	91	4.0	274	8.3	56,609	38.6
South Carolina.....	90,707	27.1	99,516	35.1	17,535	11.0	64	1.9	206	6.1	72,857	43.1
Georgia.....	141,541	22.8	158,247	31.6	29,936	8.9	149	1.9	376	4.4	111,037	41.6
Florida.....	29,886	14.0	30,849	22.1	5,026	5.1	163	2.1	1,439	8.2	23,219	25.9
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	87,516	14.5	102,528	18.8	59,314	12.8	833	2.0	1,382	6.8	25,958	34.3
Tennessee.....	86,677	15.7	105,851	21.7	47,479	11.5	264	2.2	628	6.2	38,273	32.1
Alabama.....	124,494	24.3	139,649	33.7	30,389	10.9	244	2.9	1,028	9.8	92,744	43.4
Mississippi.....	107,843	25.3	118,057	33.8	11,129	6.1	141	2.3	593	11.3	95,702	41.0
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	53,440	13.5	62,615	20.0	20,343	7.7	385	3.4	661	6.8	32,013	28.7
Louisiana.....	118,716	28.6	122,638	37.6	28,091	15.6	935	2.8	5,211	19.7	84,176	48.3
Oklahoma <sup>1</sup> .....	28,707	6.4	21,950	10.6	14,345	4.2	479	1.7	2,188	9.3	7,396	20.1
Texas.....	109,328	10.9	113,783	15.4	23,642	3.7	7,554	9.3	28,191	25.1	49,699	29.9
<b>MOUNTAIN:</b>												
Montana.....	8,812	5.7	6,209	6.1	228	0.4	166	0.6	5,885	9.9	73	8.8
Idaho.....	3,416	3.1	2,936	5.4	244	0.4	109	0.5	2,036	7.9	16	4.9
Wyoming.....	2,594	4.1	1,636	4.3	120	0.4	37	0.3	1,810	9.9	50	3.8
Colorado.....	11,343	4.2	7,689	4.1	2,663	1.8	273	0.6	7,468	10.6	373	8.7
New Mexico.....	16,634	17.6	15,585	28.3	8,142	11.8	538	7.7	3,630	29.0	88	13.7
Arizona.....	14,463	19.5	11,215	25.4	553	1.9	744	7.0	7,447	29.0	64	8.4
Utah.....	3,477	3.3	2,470	3.7	199	0.6	173	0.5	1,959	6.0	26	4.6
Nevada.....	2,399	6.0	2,271	12.8	46	0.3	49	0.6	968	7.6	15	6.6
<b>PACIFIC:</b>												
Washington.....	10,580	2.4	6,635	3.4	600	0.3	240	0.3	6,993	4.7	121	3.9
Oregon.....	6,460	2.5	6,978	4.8	729	0.5	185	0.5	4,033	6.3	24	3.1
California.....	42,787	4.6	33,485	6.2	1,961	0.5	1,214	0.7	28,921	9.7	556	6.8

<sup>1</sup> Includes population of Indian Territory for 1900.



ILLITERATE MALES 21 YEARS OF AGE AND OVER IN CITIES HAVING 100,000 INHABITANTS OR MORE: 1910.

Table 40

CITY.	ALL CLASSES.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Number.	Per cent.	Number.	Per cent.
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.				
Albany, N. Y.	1,219	3.8	762	2.7	45	0.4	55	0.5	1,091	13.3	19	5.0
Atlanta, Ga.	3,006	8.1	3,396	14.6	470	1.8	11	0.7	100	4.4	3,012	21.7
Baltimore, Md.	7,701	4.7	10,152	7.2	434	0.6	195	0.6	3,488	10.4	3,509	13.4
Birmingham, Ala.	4,348	10.7	2,051	16.7	182	0.9	4	0.2	380	12.9	3,780	23.0
Boston, Mass.	9,335	4.5	8,111	4.6	54	0.1	107	0.2	8,896	8.6	132	2.6
Bridgeport, Conn.	1,815	5.5	1,203	5.5	19	0.2	29	0.4	1,738	10.2	23	4.9
Buffalo, N. Y.	5,664	4.4	5,168	5.3	92	0.3	234	0.6	5,281	9.4	40	5.4
Cambridge, Mass.	978	3.2	1,097	4.1	8	0.1	12	0.2	874	6.0	73	5.3
Chicago, Ill.	35,636	5.1	20,572	4.0	216	0.2	501	0.3	34,145	9.0	546	3.1
Cincinnati, Ohio.	3,962	3.5	3,114	3.4	473	1.3	201	0.5	2,103	7.9	1,183	16.0
Cleveland, Ohio.	9,418	5.3	5,786	5.2	70	0.2	121	0.3	9,047	9.6	125	3.8
Columbus, Ohio.	2,063	3.4	1,906	3.5	397	1.1	75	0.7	1,124	13.2	459	9.1
Dayton, Ohio.	1,099	2.8	679	2.6	130	0.6	33	0.4	704	9.6	194	10.9
Denver, Colo.	1,580	2.2	716	1.7	91	0.3	54	0.3	1,214	6.3	100	5.0
Detroit, Mich.	9,709	6.5	3,587	4.5	69	0.2	251	0.6	9,310	12.4	72	3.2
Fall River, Mass.	4,942	15.6	4,158	15.5	40	1.1	201	2.6	4,687	23.2	6	4.5
Grand Rapids, Mich.	953	2.7	823	3.3	26	0.2	23	0.3	865	6.3	9	3.4
Indianapolis, Ind.	2,712	3.5	2,526	4.8	448	1.0	63	0.5	1,209	11.5	991	13.1
Jersey City, N. J.	5,519	6.8	3,094	5.1	45	0.3	96	0.4	5,267	14.0	76	3.6
Kansas City, Mo.	2,034	2.3	2,096	3.9	242	0.5	46	0.3	941	7.2	787	8.6
Los Angeles, Cal.	2,270	2.0	886	2.7	100	0.2	63	0.3	1,806	6.1	115	4.5
Louisville, Ky.	4,024	5.9	5,836	9.8	464	1.6	185	1.1	591	7.1	2,782	20.3
Lowell, Mass.	2,266	7.2	2,592	9.6	20	0.3	61	0.9	2,183	12.0	1	(1)
Memphis, Tenn.	3,163	7.1	5,745	18.3	71	0.4	6	0.2	249	7.3	2,825	16.4
Milwaukee, Wis.	5,147	4.6	3,059	4.1	22	0.1	127	0.3	4,979	8.9	9	2.3
Minneapolis, Minn.	2,770	2.6	1,205	1.9	42	0.1	73	0.3	2,605	5.8	39	3.2
Nashville, Tenn.	2,901	9.4	3,169	14.3	371	2.1	7	0.3	66	4.6	2,456	25.3
New Haven, Conn.	3,037	7.5	1,866	5.7	15	0.1	33	0.4	2,929	15.3	48	4.0
New Orleans, La.	6,301	6.5	10,078	13.4	306	0.9	236	1.0	1,328	9.8	4,330	17.1
New York, N. Y.	91,815	6.4	65,556	6.5	446	0.2	1,194	0.4	88,818	10.7	891	2.9
Manhattan Borough	52,539	7.2	43,303	7.8	152	0.2	429	0.3	51,188	11.1	608	2.4
Bronx Borough	5,714	4.5	3,600	6.2	49	0.3	93	0.2	5,481	8.0	63	5.0
Brooklyn Borough	28,429	6.0	15,415	4.6	161	0.2	550	0.4	27,331	11.0	241	3.4
Queens Borough	5,835	4.7	2,343	5.4	60	0.4	83	0.3	5,618	9.4	54	5.6
Richmond Borough	1,301	4.9	895	7.1	24	0.3	39	0.6	1,200	10.0	25	7.4
Newark, N. J.	6,227	6.0	4,598	6.5	95	0.4	166	0.6	5,694	11.5	216	7.2
Oakland, Cal.	1,877	3.5	741	3.6	36	0.2	75	0.6	1,494	7.7	34	2.7
Omaha, Nebr.	1,429	3.3	612	1.8	47	0.3	38	0.4	1,223	8.9	110	5.8
Paterson, N. J.	2,584	7.0	1,876	6.3	69	1.0	62	0.7	2,383	11.8	50	11.0
Philadelphia, Pa.	22,222	4.7	17,588	4.5	895	0.6	776	0.7	18,287	10.9	2,108	7.5
Pittsburgh, Pa.	14,165	8.5	10,588	7.8	164	0.4	264	0.6	13,053	18.6	663	7.1
Portland, Oreg.	1,187	1.3	3,251	8.5	49	0.1	31	0.2	865	3.4	7	1.3
Providence, R. I.	5,738	8.3	3,830	7.2	63	0.4	162	1.0	5,278	16.1	187	10.6
Richmond, Va.	3,187	8.6	3,369	14.4	288	1.5	18	0.8	112	5.5	2,765	20.8
Rochester, N. Y.	3,158	4.5	1,327	2.9	62	0.3	72	0.3	3,014	11.1	6	2.0
St. Louis, Mo.	9,106	4.1	7,026	4.1	411	0.6	397	0.5	6,315	10.0	1,875	11.4
St. Paul, Minn.	1,576	2.2	1,351	2.6	18	0.1	52	0.2	1,468	5.1	26	1.7
San Francisco, Cal.	3,321	2.0	3,596	2.8	83	0.2	75	0.2	2,683	3.5	43	5.2
Seranton, Pa.	4,515	12.2	2,985	10.6	63	0.7	146	1.4	4,299	24.6	5	2.3
Seattle, Wash.	1,373	1.4	598	1.5	21	0.1	21	0.1	1,145	3.2	24	2.0
Spokane, Wash.	709	1.8	304	2.0	16	0.1	8	0.1	556	4.5	4	1.3
Syracuse, N. Y.	2,821	6.3	1,071	3.3	86	0.5	54	0.5	2,649	17.7	27	6.2
Toledo, Ohio.	1,802	3.4	1,592	4.2	229	1.1	120	0.8	1,419	9.0	30	4.2
Washington, D. C.	5,082	4.9	7,052	8.4	325	0.7	66	0.5	810	6.9	3,801	13.8
Worcester, Mass.	2,732	6.0	1,788	5.0	34	0.3	56	0.6	2,627	11.5	9	2.3

\* Per cent not shown where base is less than 100.

\* Includes population of Allegheny for 1900.







## CHAPTER 8.

### DWELLINGS AND FAMILIES.

**Introduction.**—This chapter summarizes the data collected by the Thirteenth Decennial Census with regard to the number of dwellings and families and the average number of persons per dwelling and per family. Data are presented for each state and for the principal cities. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

In census usage a "dwelling" is any building in which one or more persons reside. A mere cabin, or a room in a warehouse, occupied by a single person, is a census dwelling, while on the other hand an apartment house containing many families constitutes only one dwelling.

The term "family" as here used means a household or group of persons, whether related by blood or not, who share a common abode, usually also sharing the same table. If one person lives alone, he constitutes a family, while on the other hand those who dwell in a hotel or institution in which many people live are also treated as forming a single family.

Notwithstanding the fact that a family under the census definition may in some instances be very large, there is no considerable difference between the average size of all families under the census usage and the average size of what are commonly termed families or households in popular speech. At the census of 1900 a distinction was made between "private families," in most of which all or nearly all of the members are related by blood or marriage, and "economic families," comprising more or less artificial groups, including boarding houses (at least those having several or many boarders), hotels, institutions, construction gangs, lumber camps, etc.

For the United States as a whole, as reported at the census of 1900, the average size of all families was 4.7 persons, and the average for private families 4.6, and in many of the states there was scarcely any difference between the two averages. In fact, the decline from census to census in the average size of "census families" is undoubtedly due to a decline in the average size of private families, resulting from a decrease in the average number of children in the "natural" family.<sup>1</sup> Similarly, differences between localities as to the average size of census families in general result in the main from differences in the average size of private families and "natural" families.

<sup>1</sup> It should, of course, be borne in mind that the "private family" is often by no means identical with a natural family. A natural family may be defined as consisting only of persons related by blood or marriage and as comprising all such persons within the particular degree of consanguinity which the individual using the term has in mind—the most common usage being, perhaps, to consider a husband and wife and their children as the unit. The members of a natural family often do not live together in the same "private family." On the other hand, many private families have servants or other members not related by blood, or members with more or less distant blood relationship.

**Summary for the United States.**—Table 1 shows, for the United States as a whole, the statistics regarding dwellings and families at each census from 1850 to 1910, except that the data regarding dwellings for 1860 and 1870 are omitted because they are not comparable with those for the other censuses.

Table 1	Population.	Number of occupied dwellings.	Number of families.	Persons to a dwelling.	Persons to a family.
CENSUS YEAR.					
1910.....	91,972,266	17,805,845	20,255,555	5.2	4.5
1900.....	75,994,575	14,430,145	16,187,715	5.3	4.7
1890.....	62,622,250	11,483,318	12,000,152	5.5	4.9
1880.....	50,155,783	8,955,812	9,945,916	5.6	5.0
1870.....	38,558,371	(*)	7,579,363	(*)	5.1
1860.....	27,489,561	(*)	5,210,934	(*)	5.3
1850.....	19,987,563	3,302,337	3,598,240	5.9	5.6

\* Exclusive of population (325,464) specially enumerated, for which statistics as to dwellings and families are not available.

\* Dwellings reported in 1860 and 1870 include both occupied and unoccupied dwellings.

\* Dwellings and families returned for free population only.

In the United States as a whole, in 1910, with a population of 91,972,266, there were 17,805,845 occupied dwellings and 20,255,555 census families. The average number of persons per dwelling was 5.2, and the average number per family, 4.5. It is obvious that the great majority of dwellings are occupied by a single family each.

At each census from 1850 to 1910, for which comparable figures are available, a decrease was shown in the average number of persons per dwelling and the average number per family. The decrease in the average number per dwelling has been due to the decrease in the average per family, the influence of which has been partly offset by the increased construction of tenements and other dwellings containing more than one family.

**Divisions and states.**—Table 2 shows, by geographic divisions and states, the number of dwellings and families in 1910 and the average number of persons per dwelling and per family for each of the last three censuses.

Variations among the divisions and states with respect to the average number of persons per dwelling are largely due to variations in the proportion of the population living in great cities, where there are many tenement houses, apartment houses, and other large dwellings. The average number of persons per dwelling in 1910 was greatest in the Middle Atlantic and New England divisions (6.2 and 6, respectively), and these are the divisions with the largest proportion of urban population. The average was lowest in the Mountain division (4.5). Among the states, New York, Rhode Island, Massachusetts, New Jersey, and Connecticut had an average of more than six persons per dwelling in 1910. The average was lowest in Nevada (3.6).



In 1910 the average number of persons per family was greatest in the three southern divisions (4.8 in the South Atlantic and West South Central and 4.7 in the East South Central), and smallest (4.3) in the East North Central, Mountain, and Pacific divisions. In all of the geographic divisions except the New England and Middle Atlantic the average size of families decreased from 1900 to 1910, while in those two divisions there was no change. Among the individual states, the average size of families in 1910 was greatest in Minnesota and North Carolina, 5 in each case. It was 4.9 in Virginia, West Virginia, and Texas. In no state except Nevada did the average fall below 4.1.

Table 2 DIVISION AND STATE.	Population: 1910	Dwell- ings: 1910	Families: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.		
				1910	1900	1890	1910	1900	1890
<b>United States</b> .....	<b>91,972,266</b>	<b>17,805,845</b>	<b>20,255,555</b>	<b>5.2</b>	<b>5.3</b>	<b>5.5</b>	<b>4.5</b>	<b>4.7</b>	<b>4.9</b>
<b>GEOG. DIVS.:</b>									
New England.....	6,552,681	1,099,336	1,464,942	6.0	5.7	5.7	4.5	4.5	4.5
Mid. Atlantic.....	19,315,892	3,093,464	4,235,675	6.2	6.0	5.9	4.6	4.6	4.7
E. N. Central.....	18,250,621	3,743,779	4,214,820	4.9	5.0	5.2	4.3	4.5	4.8
W. N. Central.....	11,637,921	2,448,083	2,592,069	4.8	5.0	5.2	4.5	4.8	5.0
South Atlantic.....	12,194,895	2,424,935	2,539,270	5.0	5.2	5.4	4.8	5.0	5.2
E. S. Central.....	8,409,901	1,732,152	1,796,832	4.9	5.1	5.5	4.7	4.9	5.3
W. S. Central.....	8,784,534	1,780,510	1,827,105	4.9	5.2	5.5	4.8	5.0	5.3
Mountain.....	2,633,517	586,451	614,656	4.5	4.5	5.0	4.3	4.4	4.8
Pacific.....	4,192,304	897,135	970,186	4.7	4.8	5.1	4.3	4.4	4.9
<b>NEW ENGLAND:</b>									
Maine.....	742,371	159,437	177,960	4.7	4.7	4.9	4.2	4.3	4.4
N. Hampshire.....	430,572	88,871	103,156	4.8	4.8	4.9	4.2	4.2	4.3
Vermont.....	355,956	77,466	85,178	4.6	4.6	4.8	4.2	4.2	4.4
Massachusetts.....	3,366,416	511,926	734,013	6.6	6.2	6.3	4.6	4.6	4.7
Rhode Island.....	542,610	79,725	117,976	6.8	6.3	6.6	4.6	4.6	4.6
Connecticut.....	1,114,756	181,911	246,659	6.1	5.7	5.7	4.5	4.5	4.5
<b>MID. ATLANTIC:</b>									
New York.....	9,113,614	1,178,686	2,046,845	7.7	7.0	6.7	4.5	4.4	4.6
New Jersey.....	2,537,167	407,295	538,202	6.2	5.9	5.8	4.5	4.5	4.7
Pennsylvania.....	7,665,111	1,507,483	1,630,628	5.1	5.1	5.3	4.7	4.8	5.0
<b>E. N. CENTRAL:</b>									
Ohio.....	4,767,121	1,024,800	1,138,165	4.7	4.8	5.1	4.2	4.4	4.7
Indiana.....	2,700,876	631,554	654,891	4.3	4.6	4.8	4.1	4.4	4.7
Illinois.....	5,638,591	1,006,848	1,264,717	5.6	5.7	5.7	4.5	4.7	4.9
Michigan.....	2,810,173	618,222	657,418	4.5	4.6	4.8	4.3	4.4	4.6
Wisconsin.....	2,333,890	462,355	499,629	5.0	5.2	5.3	4.7	4.9	5.0
<b>W. N. CENTRAL:</b>									
Minnesota.....	2,075,708	380,809	416,452	5.5	5.5	5.7	5.0	5.1	5.2
Iowa.....	2,224,771	408,943	512,515	4.5	4.8	5.0	4.3	4.6	4.9
Missouri.....	3,293,335	677,196	749,812	4.9	5.2	5.5	4.4	4.7	5.1
North Dakota.....	577,056	118,757	120,910	4.9	5.0	4.8	4.8	4.9	4.7
South Dakota.....	583,888	127,739	131,060	4.6	4.9	4.8	4.5	4.8	4.7
Nebraska.....	1,192,214	238,967	265,549	4.6	5.0	5.3	4.5	4.8	5.1
Kansas.....	1,690,949	385,672	395,771	4.4	4.7	4.9	4.3	4.6	4.8
<b>S. ATLANTIC:</b>									
Delaware.....	202,322	43,183	44,951	4.7	4.8	5.0	4.5	4.7	4.9
Maryland.....	1,296,346	233,805	274,824	5.1	5.4	5.7	4.7	4.9	5.2
Dist. Columbia.....	331,069	58,513	71,339	5.7	5.6	5.9	4.6	4.9	5.2
Virginia.....	2,061,612	400,445	419,452	5.1	5.3	5.7	4.9	5.1	5.4
West Virginia.....	1,221,119	239,128	248,480	5.1	5.3	5.6	4.9	5.1	5.4
N. Carolina.....	2,206,287	430,570	440,334	5.1	5.3	5.4	5.0	5.1	5.3
S. Carolina.....	1,515,400	302,842	315,294	5.0	5.2	5.3	4.8	5.0	5.2
Georgia.....	2,609,121	530,631	553,264	4.9	5.1	5.4	4.7	4.9	5.2
Florida.....	752,619	165,818	171,422	4.5	4.7	5.0	4.4	4.5	4.9
<b>E. S. CENTRAL:</b>									
Kentucky.....	2,289,905	469,669	494,788	4.9	5.2	5.5	4.6	4.9	5.2
Tennessee.....	2,184,789	444,814	462,553	4.9	5.2	5.5	4.7	5.0	5.3
Alabama.....	2,138,093	441,249	454,767	4.8	5.0	5.4	4.7	4.9	5.3
Mississippi.....	1,797,114	376,420	384,724	4.8	5.0	5.5	4.7	4.9	5.3
<b>W. S. CENTRAL:</b>									
Arkansas.....	1,574,449	327,625	333,368	4.8	5.1	5.4	4.7	4.9	5.3
Louisiana.....	1,656,388	331,220	344,144	5.0	5.1	5.5	4.8	4.8	5.2
Oklahoma.....	1,657,153	342,488	351,167	4.8	4.9	4.1	4.7	4.8	4.1
Texas.....	3,896,542	779,177	798,426	5.0	5.3	5.6	4.9	5.2	5.4
<b>MOUNTAIN:</b>									
Montana.....	376,053	82,811	86,602	4.5	4.5	4.9	4.3	4.4	4.8
Idaho.....	325,594	71,830	73,669	4.5	4.4	4.7	4.4	4.3	4.7
Wyoming.....	145,965	30,969	32,092	4.7	4.7	5.1	4.5	4.6	5.0
Colorado.....	799,024	183,874	194,467	4.3	4.5	5.1	4.1	4.2	4.9
New Mexico.....	327,301	75,888	78,883	4.3	4.3	4.4	4.1	4.2	4.3
Arizona.....	204,354	45,386	47,927	4.5	4.3	4.5	4.3	4.1	4.4
Utah.....	373,351	72,649	77,339	5.1	5.2	5.6	4.8	4.9	5.4
Nevada.....	81,875	23,044	23,677	3.6	3.9	4.5	3.5	3.8	4.5
<b>PACIFIC:</b>									
Washington.....	1,141,990	238,822	254,692	4.8	4.9	5.1	4.5	4.6	4.9
Oregon.....	672,765	144,832	151,858	4.6	4.7	5.1	4.4	4.5	4.9
California.....	2,377,549	513,481	563,636	4.6	4.7	5.1	4.2	4.3	4.9

Urban and rural communities.—Table 3 shows statistics regarding dwellings and families in 1910 for urban and rural communities.

Table 3 DIVISION AND CLASS OF COMMUNITY.	Population.	Dwellings.	Families.	Persons to a dwelling.	Persons to a family.
<b>United States</b> .....	<b>91,972,266</b>	<b>17,805,845</b>	<b>20,255,555</b>	<b>5.2</b>	<b>4.5</b>
Urban.....	42,623,383	7,254,242	9,499,765	5.9	4.5
Rural.....	49,348,883	10,551,603	10,755,790	4.7	4.6
<b>NEW ENGLAND</b> .....	<b>6,552,681</b>	<b>1,099,336</b>	<b>1,464,942</b>	<b>6.0</b>	<b>4.5</b>
Urban.....	5,455,345	838,112	1,189,227	6.5	4.6
Rural.....	1,097,336	261,224	275,715	4.2	4.0
<b>MIDDLE ATLANTIC</b> .....	<b>19,315,892</b>	<b>3,093,464</b>	<b>4,235,675</b>	<b>6.2</b>	<b>4.6</b>
Urban.....	13,723,373	1,879,460	2,966,286	7.3	4.6
Rural.....	5,592,519	1,214,004	1,269,389	4.6	4.4
<b>EAST NORTH CENTRAL</b> .....	<b>18,250,621</b>	<b>3,743,779</b>	<b>4,214,820</b>	<b>4.9</b>	<b>4.3</b>
Urban.....	9,617,271	1,775,153	2,213,296	5.4	4.3
Rural.....	8,633,350	1,968,626	2,001,524	4.4	4.3
<b>WEST NORTH CENTRAL</b> .....	<b>11,637,921</b>	<b>2,448,083</b>	<b>2,592,069</b>	<b>4.8</b>	<b>4.5</b>
Urban.....	3,873,716	755,821	879,829	5.1	4.4
Rural.....	7,764,205	1,692,262	1,712,240	4.6	4.5
<b>SOUTH ATLANTIC</b> .....	<b>12,194,895</b>	<b>2,424,935</b>	<b>2,539,270</b>	<b>5.0</b>	<b>4.8</b>
Urban.....	3,092,153	602,959	688,260	5.1	4.5
Rural.....	9,102,742	1,821,976	1,851,010	5.0	4.9
<b>EAST SOUTH CENTRAL</b> .....	<b>8,409,901</b>	<b>1,732,152</b>	<b>1,796,832</b>	<b>4.9</b>	<b>4.7</b>
Urban.....	1,574,229	325,380	371,179	4.8	4.2
Rural.....	6,835,672	1,406,772	1,425,653	4.9	4.8
<b>WEST SOUTH CENTRAL</b> .....	<b>8,784,534</b>	<b>1,780,510</b>	<b>1,827,105</b>	<b>4.9</b>	<b>4.8</b>
Urban.....	1,957,456	403,347	432,089	4.9	4.5
Rural.....	6,827,078	1,377,163	1,395,016	5.0	4.9
<b>MOUNTAIN</b> .....	<b>2,633,517</b>	<b>586,451</b>	<b>614,656</b>	<b>4.5</b>	<b>4.3</b>
Urban.....	947,511	197,088	215,987	4.8	4.4
Rural.....	1,686,006	389,363	398,669	4.3	4.2
<b>PACIFIC</b> .....	<b>4,192,304</b>	<b>897,135</b>	<b>970,186</b>	<b>4.7</b>	<b>4.3</b>
Urban.....	2,382,329	476,922	543,612	5.0	4.4
Rural.....	1,809,975	420,213	426,574	4.3	4.2

As might be expected, the average number of persons per dwelling is materially higher in urban than in rural communities, except for the three southern divisions, the respective figures for the United States as a whole in 1910 being 5.9 and 4.7. The difference is particularly conspicuous in the Middle Atlantic division, in which the city of New York is situated. The average number of persons per dwelling in the urban communities in this division in 1910 was 7.3, as compared with 4.6 for rural communities.

In the United States as a whole the average number of persons per census family is slightly smaller in urban than in rural communities, but in several of the geographic divisions the average is greater in urban communities. It is probable that large "economic" families—hotels, institutions, etc.—are more numerous in urban than in rural communities, and that if only private families were considered the rural communities would show a greater excess in average size of family, in the United States as a whole, than appears in the table.

**Principal cities.**—Table 4 shows statistics regarding dwellings and families for each city of 100,000 or more inhabitants, and Table 5 presents similar statistics for cities of 25,000 to 100,000 inhabitants.

The city of New York, with an average of 15.6 persons per dwelling in 1910 (30.9 in Manhattan Borough), stands out conspicuously among the cities of 100,000



# DWELLINGS AND FAMILIES.

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inhabitants or more, in most of which the average number of persons per dwelling was below 9, and in many of which it was below 5. Fall River ranks next to New York in the average number of persons per

dwelling. The average number of persons per family in 1910 was highest in St. Paul (5.2) and lowest in Indianapolis (4). In New York both in 1910 and in 1900 the average number of persons per family was 4.7.

## DWELLINGS AND FAMILIES IN CITIES HAVING 100,000 INHABITANTS OR MORE.

CITY.	Popu-lation: 1910	Dwell-ings: 1910	Fami-lies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.			CITY.	Popu-lation: 1910	Dwell-ings: 1910	Fami-lies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.		
				1910	1900	1890	1910	1900	1890					1910	1900	1890	1910	1900	1890
Albany, N. Y.	100,253	15,437	24,069	6.5	6.9	7.2	4.2	4.4	4.6	New York, N. Y.	4,766,883	305,698	1,020,827	15.6	13.7	12.9	4.7	4.7	4.8
Atlanta, Ga.	154,839	30,308	35,813	5.1	5.4	5.7	4.3	4.4	4.9	Manhattan Bor.	2,331,542	75,410	493,545	30.9	23.0	19.9	4.7	4.7	4.8
Baltimore, Md.	558,485	101,905	118,851	5.5	5.7	6.0	4.7	4.8	5.0	Bronx Borough.	450,980	28,735	55,897	15.0	10.1	7.7	4.6	4.7	5.1
Birmingham, Ala.	132,685	26,989	31,050	4.9	5.8	5.5	4.3	4.5	5.0	Brooklyn Borough.	1,634,351	147,696	553,696	11.1	10.2	9.6	4.6	4.6	4.7
Boston, Mass.	670,585	73,919	139,700	9.1	8.4	8.5	4.8	4.8	5.0	Queens Borough.	284,041	59,764	62,001	7.1	6.5	6.1	4.6	4.8	4.9
Bridgeport, Conn.	102,054	14,934	21,689	6.8	6.3	6.4	4.7	4.6	4.6	Richmond Bor.	85,969	14,125	17,718	6.1	6.0	6.2	4.9	4.9	5.2
Buffalo, N. Y.	423,715	62,335	91,328	6.8	7.1	6.9	4.6	4.8	5.0	Newark, N. J.	347,469	38,693	77,039	9.0	8.1	7.8	4.5	4.5	4.7
Cambridge, Mass.	104,839	14,577	22,765	7.2	6.9	6.8	4.6	4.7	4.9	Oakland, Cal.	150,174	31,740	36,723	4.7	4.8	5.2	4.1	4.4	4.8
Chicago, Ill.	2,185,293	246,744	473,141	8.9	8.8	8.6	4.6	4.7	5.0	Omaha, Nebr.	124,096	23,657	26,359	5.2	5.7	7.0	4.7	4.9	6.2
Cincinnati, Ohio.	363,591	49,525	87,541	7.3	8.0	8.9	4.2	4.4	4.7	Paterson, N. J.	125,600	15,812	27,978	7.9	7.7	7.9	4.5	4.5	4.7
Cleveland, Ohio.	560,663	90,465	124,322	6.2	6.0	6.0	4.5	4.7	4.9	Philadelphia, Pa.	1,549,008	295,220	327,263	5.2	5.4	5.6	4.7	4.9	5.1
Columbus, Ohio.	181,511	39,580	42,645	4.6	5.2	5.4	4.3	4.6	4.9	Pittsburgh, Pa.	533,905	80,942	110,457	6.1	6.3	6.3	4.8	5.0	5.2
Dayton, Ohio.	116,577	26,692	28,370	4.4	4.7	5.0	4.1	4.3	4.6	Portland, Ore.	207,214	37,436	42,029	5.5	6.2	7.4	4.9	5.4	6.8
Denver, Colo.	213,381	44,736	51,339	4.8	4.9	5.9	4.2	4.3	5.4	Providence, R. I.	224,326	28,705	49,129	7.8	7.0	7.5	4.6	4.5	4.5
Detroit, Mich.	465,766	83,124	100,356	5.6	5.5	5.6	4.6	4.7	4.9	Richmond, Va.	127,628	22,205	26,914	5.7	6.0	6.5	4.7	4.8	5.2
Fall River, Mass.	119,295	10,962	24,378	10.9	11.0	11.2	4.9	5.0	5.2	Rochester, N. Y.	218,149	38,800	46,787	5.6	5.5	5.6	4.7	4.7	4.9
Grand Rapids, Mich.	112,571	23,432	26,925	4.8	4.9	5.3	4.2	4.3	4.5	St. Louis, Mo.	687,029	105,650	155,555	6.5	7.0	7.4	4.4	4.6	4.9
Indianapolis, Ind.	233,650	53,359	58,645	4.3	4.7	5.0	4.0	4.3	4.6	St. Paul, Minn.	214,744	32,616	41,548	6.6	6.6	6.3	5.2	5.3	5.2
Jersey City, N. J.	267,779	27,805	56,790	9.6	8.7	8.8	4.7	4.6	4.7	San Francisco, Cal.	416,912	65,025	86,414	6.4	6.4	6.3	4.8	4.8	5.7
Kansas City, Mo.	248,381	47,978	59,296	5.2	5.8	5.7	4.2	4.5	5.0	Scranton, Pa.	129,867	22,143	26,312	5.9	5.9	6.1	4.9	4.9	5.1
Los Angeles, Cal.	319,198	69,061	78,678	4.6	4.5	4.9	4.1	4.1	4.6	Seattle, Wash.	237,194	43,559	51,042	5.4	6.8	5.8	4.6	5.7	5.4
Louisville, Ky.	223,928	41,686	52,155	5.4	5.9	6.4	4.3	4.6	4.9	Spokane, Wash.	104,402	20,282	22,676	5.1	5.6	5.9	4.6	4.5	5.7
Lowell, Mass.	106,294	15,056	21,932	7.1	6.9	7.2	4.8	4.9	5.2	Syracuse, N. Y.	137,249	23,200	31,551	5.9	5.7	5.6	4.4	4.3	4.6
Memphis, Tenn.	131,105	26,710	31,154	4.9	5.9	5.6	4.2	4.7	4.8	Toledo, Ohio.	168,497	35,888	39,677	4.7	4.9	5.1	4.2	4.6	4.8
Milwaukee, Wis.	373,857	60,724	80,566	6.2	6.2	6.2	4.6	4.8	4.9	Washington, D. C.	331,069	58,513	71,539	5.7	5.6	5.9	4.6	4.9	5.2
Minneapolis, Minn.	301,408	46,903	63,241	6.4	6.4	6.5	4.8	4.8	5.0	Worcester, Mass.	145,986	15,109	30,743	9.7	9.0	8.7	4.7	4.8	4.8
Nashville, Tenn.	110,364	22,118	26,077	5.0	5.3	5.5	4.2	4.4	4.9										
New Haven, Conn.	133,605	17,496	29,271	7.6	7.1	7.3	4.6	4.6	4.7										
New Orleans, La.	339,075	67,192	73,377	5.0	5.4	5.6	4.6	4.6	5.0										

<sup>1</sup> Includes Allegheny for 1900 and 1890.

## DWELLINGS AND FAMILIES IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS.

Table 5	CITY.	Popu-lation: 1910	Dwell-ings: 1910	Fami- lies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.			CITY.	Popu-lation: 1910	Dwell-ings: 1910	Fami- lies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.		
					1910	1900	1890	1910	1900	1890					1910	1900	1890			
Alabama					Illinois															
Mobile.....	51,521	11,181	12,369	4.6	5.0	5.1	4.2	4.2	4.8	Aurora.....	29,807	6,235	6,864	4.8	4.7	4.9	4.3	4.3	4.5	
Montgomery.....	38,136	8,152	9,578	4.7	4.8	5.4	4.0	4.1	4.9	Bloomington.....	25,768	6,082	6,455	4.2	4.6	4.8	4.0	4.3	4.7	
Arkansas										Danville.....	27,871	6,793	7,167	4.1	4.7	4.7	3.9	4.2	4.5	
Little Rock.....	45,941	9,562	10,217	4.8	5.2	5.2	4.5	4.6	4.7	Decatur.....	31,140	7,131	7,588	4.4	4.4	4.7	4.1	4.2	4.5	
California										East St. Louis.....	58,547	11,628	12,888	5.0	5.2	5.8	4.5	4.8	5.2	
Berkeley.....	40,434	8,720	9,791	4.6	4.6	4.8	4.1	4.4	4.8	Elgin.....	25,976	5,383	6,024	4.8	5.1	5.5	4.3	4.6	5.0	
Pasadena.....	30,291	7,796	8,273	3.9	4.0	3.9	3.7	3.9	3.9	Joliet.....	34,670	6,005	7,199	5.8	5.7	5.9	4.8	4.9	5.7	
Sacramento.....	44,696	8,809	10,189	5.1	4.9	5.5	4.4	4.3	5.2	Peoria.....	66,950	14,111	15,225	4.7	5.2	5.1	4.4	4.7	4.8	
San Diego.....	39,578	9,874	10,601	4.0	4.0	4.4	3.7	3.7	4.3	Quincy.....	36,587	7,685	8,792	4.8	4.9	5.3	4.2	4.4	4.7	
San Jose.....	28,946	6,639	7,297	4.4	4.7	5.3	4.0	4.3	5.1	Rockford.....	45,491	8,892	10,437	5.2	5.2	5.4	4.4	4.3	4.6	
Colorado										Springfield.....	51,678	11,214	11,905	4.6	4.9	5.1	4.3	4.5	4.7	
Colorado Springs.....	29,078	7,050	7,456	4.1	4.9	5.4	3.9	4.4	5.1	Indiana										
Pueblo.....	44,395	8,685	9,272	5.1	4.9	7.2	4.8	4.5	6.5	Evansville.....	69,647	15,240	16,196	4.6	5.1	5.6	4.3	4.8	5.2	
Connecticut										Fort Wayne.....	63,933	13,879	14,625	4.6	4.7	5.4	4.4	4.5	4.9	
Hartford.....	98,915	11,535	21,925	8.6	8.2	8.1	4.5	4.6	4.6	South Bend.....	53,684	11,200	12,039	4.8	5.1	5.2	4.5	4.6	4.8	
Meriden town.....	32,000	4,835	7,257	6.6	(1)	(1)	4.4	(1)	(1)	Terre Haute.....	58,157	13,457	14,320	4.3	4.7	4.9	4.1	4.3	4.6	
Meriden city.....	27,265	5,879	6,192	7.0	6.8	7.2	4.4	4.5	4.7	Iowa										
New Britain.....	43,916	4,722	6,580	9.3	7.8	7.9	5.1	4.8	4.7	Cedar Rapids.....	32,811	7,580	7,949	4.3	4.6	4.8	4.1	4.3	4.7	
Norwich town.....	28,219	5,016	6,376	5.6	(1)	(1)	4.4	(1)	(1)	Clinton.....	25,577	5,765	5,978	4.4	4.5	4.8	4.3	4.4	4.7	
Stamford town.....	28,830	4,486	6,239	6.4	(1)	(1)	5.7	4.6	(1)	Council Bluffs.....	29,292	6,344	6,722	4.6	4.9	5.0	4.4	4.7	4.8	
Stamford city.....	25,138	5,717	6,427	6.8	5.5	(1)	4.6	4.5	(1)	Davenport.....	43,028	8,900	10,316	4.8	5.0	5.0	4.2	4.4	4.6	
Waterbury.....	73,141	7,715	14,536	9.5	8.3	8.3	5.0	4.9	4.9	Des Moines.....	86,368	18,694	20,599	4.6	4.9	5.0	4.2	4.4	4.8	
Delaware										Dubuque.....	38,494	7,472	8,417	5.2	5.5	5.5	4.6	4.9	4.9	
Wilmington.....	87,411	17,223	18,637	5.1	5.2	5.2	4.7	4.9	4.9	Sioux City.....	47,828	9,293	10,204	5.1	5.2	6.6	4.7	4.6	6.3	
Florida										Waterloo.....	26,693	5,708	6,063	4.7	4.5	4.6	4.4	4.1	4.3	
Jacksonville.....	57,699	12,263	13,228	4.7	4.5	4.9	4.4	3.9	4.7	Kansas										
Tampa.....	37,782	7,553	8,263	5.0	5.0	5.1	4.6	4.5	5.0	Kansas City.....	82,331	18,279	19,677	4.5	4.9	5.0	4.2	4.4	4.7	
Georgia										Topeka.....	43,684	10,387	11,243	4.2	4.3	4.6	3.9	4.1	4.4	
Augusta.....	41,040	9,239	10,881	4.4	4.9	5.0	3.8	4.0	4.4	Wichita.....	52,450	11,293	12,671	4.6	4.7	4.7	4.1	4.3	4.6	
Macon.....	40,665	8,606	10,293	4.7	5.0	5.6	4.0	3.9	5.0	Kentucky										
Savannah.....	65,064	13,583	16,378	4.8	5.3	5.4	4.0	4.1	4.8	Covington.....	53,270	9,841	12,621	5.4	5.9	6.1	4.2	4.5	4.8	
										Lexington.....	35,099	7,889	8,530	4.5	4.8	5.0	4.1	4.4	4.7	
										Newport.....	30,309	5,470	7,313	5.5	5.8	5.8	5.9	4.1	4.5	







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## AGRICULTURE



CHAPTER 9.—FARMS AND FARM PROPERTY

CHAPTER 10.—TENURE, MORTGAGE INDEBTEDNESS, COLOR AND NATIVITY OF FARMERS,  
AND SIZE OF FARMS

CHAPTER 11.—LIVE STOCK ON FARMS AND ELSEWHERE

CHAPTER 12.—LIVE STOCK PRODUCTS AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED  
ON FARMS

CHAPTER 13.—FARM CROPS—ACREAGE, PRODUCTION, AND VALUE

CHAPTER 14.—IRRIGATION AND IRRIGATED CROPS







## CHAPTER 9.

### FARMS AND FARM PROPERTY.

#### UNITED STATES AS A WHOLE: 1910 AND 1900.

The present chapter gives the principal data pertaining to farms and farm property, by states and geographic divisions, for 1910 and 1900, and by geographic divisions for each census from 1850 to 1910.

The following table summarizes, for the United States (excluding noncontiguous possessions), the principal facts with regard to farms and farm property for the years 1910 and 1900:

#### FARMS, FARM LAND, AND FARM PROPERTY OF THE UNITED STATES.

Table 1	1910 (April 15)	1900 (June 1)	INCREASE. <sup>1</sup>	
			Amount.	Per cent.
Population.....	91,972,266	75,994,575	15,977,691	21.0
Urban population <sup>2</sup> .....	42,623,383	31,609,645	11,013,738	34.8
Rural population <sup>3</sup> .....	49,348,883	44,384,930	4,963,953	11.2
Number of all farms.....	6,361,502	5,737,372	624,130	10.9
Land area of the country..... acres..	<sup>4</sup> 1,903,289,600	<sup>4</sup> 1,903,461,760	<sup>4</sup> -172,160	.....
Land in farms..... acres..	878,798,325	838,591,774	40,206,551	4.8
Improved land in farms..... acres..	478,451,750	414,498,487	63,953,263	15.4
Average acreage per farm.....	138.1	146.2	-8.1	-5.5
Average improved acreage per farm.....	75.2	72.2	3.0	4.2
Per cent of total land area in farms.....	46.2	44.1	.....	.....
Per cent of land in farms improved.....	54.4	49.4	.....	.....
Per cent of total land area improved.....	25.1	21.8	.....	.....
Value of farm property, total.....	\$40,991,449,090	\$20,439,901,164	\$20,551,547,926	100.5
Land.....	28,475,674,169	13,058,007,995	15,417,666,174	118.1
Buildings.....	6,325,451,528	3,556,639,496	2,768,812,032	77.8
Implements and machinery.....	1,265,149,783	749,775,970	515,373,813	68.7
Domestic animals, poultry, and bees.....	4,925,173,610	3,075,477,703	1,849,695,907	60.1
Average value of all property per farm.....	\$6,444	\$3,563	\$2,881	80.9
Average value of all property per acre of land in farms.....	\$46.64	\$24.37	\$22.27	91.4
Average value of land per acre.....	\$32.40	\$15.57	\$16.83	108.1

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Population of incorporated places having, in 1910, 2,500 or more inhabitants. The figure for 1900 does not represent the urban population according to that census but is the population in that year of the territory classified as urban in 1910.

<sup>3</sup> Total, exclusive of urban. (See Note 2.)

<sup>4</sup> Change in area due to the drainage of lakes and swamps of Illinois and Indiana, building of the Roosevelt and Laguna reservoirs, and the formation of the Salton Sea in California.

There are in the United States 6,361,502 farms,<sup>1</sup> containing a total of 878,798,000 acres,<sup>2</sup> of which 478,452,000 acres are improved. The land in farms represents somewhat less than one-half, 46.2 per cent, of the total land area of the country, while the improved land represents somewhat over one-half, 54.4

per cent, of the total acreage of land in farms. Improved land in farms thus represents almost exactly one-fourth, 25.1 per cent of the total land area of the country. On the average the farms of the United States contain 138.1 acres, of which, on the average, over one half, 75.2 acres, are improved land.

<sup>1</sup> **Farm.**—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term referring to the work of growing crops, producing other agricultural products, and raising animals, fowls, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. Further, when a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, no matter what the value of the products raised upon the land or the amount of labor involved in operating the same in 1909. In addition, they were instructed to report in the same manner all tracts containing less than 3 acres which either produced at least \$250 worth of farm products in the year 1909, or on which the continuous services of at least one person were expended.

<sup>2</sup> **Land in farms.**—Land in farms is divided at the present census into (1) improved land, (2) woodland, and (3) all other unimproved land. The same classification was followed in 1880. At former censuses, except that of 1880, farm land was divided into improved land and unimproved land, woodland being included with unimproved land. Improved land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings. Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. All other unimproved land includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest. It should be noted, however, in this connection that the census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, owing to the fact that the farmers sometimes use these terms with different meanings from those assigned to them by the Bureau of the Census. There is evidence that the same kind of land has at certain times and places been reported as "improved land" and at other times and places as "unimproved land," rendering these classifications less accurate than the report of total farm acreage and value.



The total value of farm property reaches the enormous sum of \$40,991,000,000, of which over two-thirds represents the value of land, about one-sixth the value of buildings, and about another one-sixth the combined value of implements and machinery and of live stock. The average value of all farm property per farm reporting is \$6,444. The average value of all farm property per acre of land in farms is \$46.64, and the average value of the land itself per acre is \$32.40.

It is a significant fact that whereas the total population increased 21 per cent between 1900 and 1910, the urban population increased 34.8 per cent and the rural population only 11.2 per cent. The number and acreage of farms increased much less rapidly than the total population, but the growth in the number of farms nearly kept pace with the movement of the rural population, amounting to 10.9 per cent. The total farm acreage, on the other hand, increased only 4.8 per cent. This, however, is less significant than the increase in acreage of improved farm land, which amounted to 15.4 per cent, showing a greater percentage of increase than the number of farms or rural population but still falling appreciably behind the increase in total population. It should be noted that "rural population" is a much broader term than "agricultural population." "Rural" as here used includes the entire population outside of incor-

porated places, including New England "towns," having 2,500 inhabitants or more.

The average size of a farm decreased from 146.2 acres in 1900 to 138.1 acres in 1910, but the average acreage of improved land per farm was somewhat greater in the later year than in the earlier. It is possible that the reported increase in the proportion of farm land improved, from 49.4 per cent in 1900 to 54.4 in 1910, is partly due to differences of interpretation as to what constitutes improved land. (See definitions, p. 265.)

The total value of farm property a little more than doubled during the decade 1900 to 1910. The greater part of this extraordinary increase has been in farm land, the value of which increased no less than 118.1 per cent, and this in turn was due largely to the advance in the price of land, the average value per acre being more than twice as high in 1910 as in 1900—\$32.40 as compared with \$15.57. There have been remarkable increases, also, in the value of farm buildings and equipment, the value of buildings having increased 77.8 per cent, that of implements and machinery 68.7 per cent, and that of live stock 60.1 per cent.

Notwithstanding the decrease in the average size of farms, the value of all farm property per farm increased from \$3,563 in 1900 to \$6,444 in 1910, or 80.9 per cent.

#### FARMS AND FARM LAND, BY DIVISIONS AND STATES: 1910 AND 1900.

**Geographic distribution of farms and farm land.**—The agricultural industry of the country is very unequally distributed among its different sections and states. Table 3, on pages 268 and 269, shows for each of the nine main geographic divisions and for each state the total and rural population, number of farms, total land area, and acreage of farm land and of improved farm land for 1910 and 1900. It also shows what percentage of the respective totals was found in each division and state at each of these censuses.

While the differences among the several geographic divisions as regards the proportions in which they contribute to the farming industry of the country are naturally affected greatly by the differences in the total area of the divisions, it is evident that they are due in large degree to differences in the extent to which the land is capable of utilization for farming purposes, or has thus far been so utilized. For instance, the Mountain division, which comprises 28.89 per cent of the total land area, has only 3.33 per cent of the improved farm land.

There is little correspondence between the geographic distribution of population and that of the agricultural industry. Notwithstanding the fact that "rural population," as shown in the table, includes large numbers of persons not living on farms, there is, naturally, a somewhat closer correspondence between

the distribution of the rural population and that of the number of farms and the acreage of farm land.

Table 3 shows that, whether the importance of the agricultural industry be judged by the number of farms, the total acreage of farms, or the total improved acreage, the great bulk of it is to be found in five geographic divisions—namely, the four which constitute the territory between the Alleghenies and the Rocky Mountains (East and West North Central and East and West South Central) together with the South Atlantic. Each of these five divisions has in the neighborhood of one-sixth of the total number of farms in the country.

The West North Central division has a decidedly larger acreage of farm land than any other; it contains 26.5 per cent of the total farm acreage of the United States. The West South Central division ranks next, with 19.2 per cent of the total, followed by the East North Central and the South Atlantic. Notwithstanding their great total area, the Mountain and Pacific divisions contain only a comparatively small proportion of the present farm land of the country.

The acreage of improved farm land is on the whole the best criterion of the agricultural importance of a given state or division. Five-sixths of the improved farm land of the country is in the two North Central,



the two South Central, and the South Atlantic divisions. More than one-third of the total (34.3 per cent) is found in the West North Central division, the broad prairies of which are peculiarly adapted for almost complete utilization for farming purposes. The East North Central division ranks next, containing 18.6 per cent of the improved farm land of the country, and the West South Central follows with 12.2 per cent. The Mountain and Pacific divisions together contribute less than 8 per cent of the total, this small proportion being due partly to the newness of this section and partly to the great extent of mountainous and arid territory.

It is convenient also to consider the country as divided into three great groups of states, which may be designated, in general terms, as the North, the South, and the West. The North includes the first four divisions listed in Table 3, the South the next three divisions, and the West the last two. Another convenient comparison is between the territory east and that west of the Mississippi River.

The following table shows, for each of these sections, the percentages which the number of farms, the acreage of farm land, and the acreage of improved farm land represent of the totals for the United States:

SECTION.	PER CENT OF UNITED STATES TOTALS.					
	Number of farms.		All land in farms.		Improved land in farms.	
	1910	1900	1910	1900	1910	1900
United States.....	100.0	100.0	100.0	100.0	100.0	100.0
The North.....	45.4	50.1	47.1	45.6	60.6	63.0
The South.....	48.7	45.7	40.3	43.2	31.5	30.4
The West.....	5.9	4.2	12.6	11.2	7.9	6.6
East of the Mississippi.....	61.9	64.1	41.7	43.8	45.6	51.1
West of the Mississippi.....	38.1	35.9	58.3	56.2	54.4	48.9

While the South has a larger proportion of the number of farms than the North, it has a smaller proportion of the total farm land of the country, and a decidedly smaller proportion of the improved farm land. The North contained a slightly larger proportion of the total area of farm land in 1910 than it did in 1900, but its proportion of the improved farm land was less in the later year than in the earlier. Precisely the opposite is true of the South.

The movement of agriculture toward the West, which had been going on since the first settlement of the country, continued during the past decade. The four divisions lying west of the Mississippi, taken together, comprised 54.4 per cent of the improved farm land of the country in 1910 as compared with 48.9 per cent in 1900.

**Increases and decreases: 1900-1910.**—It will be seen by Table 3 that in the territory north of the Ohio and east of the Mississippi, comprising three geographic divisions—New England, Middle Atlantic, and East

North Central—there was an actual decrease in the number of farms between 1900 and 1910, despite a large increase in population. In the West North Central division the increase in the number of farms has been comparatively small, amounting to 4.6 per cent. In all of the other five divisions there has been a very considerable increase in the number of farms. In the East South Central and Mountain divisions the number increased more rapidly than the total population.

Great differences appear among the several geographic divisions with respect to the changes in the total acreage of land in farms. In the New England, Middle Atlantic, South Atlantic, and West South Central divisions there was a decrease in the acreage reported in farms. The largest decrease, both in absolute amount and in percentage, was in the West South Central division, but this is in a sense misleading. A considerable increase in the acreage of farms occurred in two of the states of the division, Arkansas and Oklahoma. In Louisiana a moderate decrease appeared, due to the purchase by nonresidents of undeveloped lands in the extreme southern part of the state, which had been reported as parts of farms in 1900, although not actually used for agriculture. A larger percentage of the total land area of the state is now improved than in 1900. In Texas there was nominally a very great decrease in the acreage of farm land, but a large part if not all of this was due to the fact that in 1900 the state contained many enormous ranches which in their entirety were reported as farm land, whereas in 1910 many of these ranches were broken into smaller tracts, some of which were reported as farms, while others had not been put to use for agriculture. Some large tracts of land which were owned by nonresidents and not used at the time of enumeration in 1910 had been used more or less for grazing in 1900. The acreage of improved land in Texas increased greatly during the decade.

In the East North Central and East South Central divisions there was a slight increase in farm land during the past decade. In the West North Central division over 31,000,000 acres more land was reported in farms in 1910 than in 1900, this increase representing more than three-fourths of the total increase for the United States. The percentage of increase in this division, 15.7 per cent, was, however, exceeded by that in the Mountain division, 28.3 per cent. A very considerable increase in farm land was also reported for the Pacific states.

Most of the states show the same movement with regard to acreage of farm land as the divisions in which they are situated, but there are a few exceptions. In the East North Central division, for example, which as a whole showed an increase, this was confined to the states of Michigan and Wisconsin, there being decreases in farm land in Ohio, Indiana, and Illinois.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## FARMS, LAND IN FARMS, AND POPULATION, BY STATES AND DIVISIONS, WITH PER CENT

[A minus sign (—) denotes decrease.]

Table 3		TOTAL POPULATION.				RURAL POPULATION.				NUMBER OF ALL FARMS.			
		DIVISION OR STATE.		Increase.		1910		Increase.		1910		Increase.	
				1910	1900			Number.	Per ct.			1910	1900
1	United States.....	91,972,266	75,994,575	15,977,691	21.0	49,348,883	44,384,930	4,963,953	11.2	6,361,502	5,737,372	624,130	10.9
GEOGRAPHIC DIVISIONS:													
2	New England.....	6,552,681	5,592,017	960,664	17.2	1,097,336	1,102,486	-5,150	-0.5	188,802	191,888	-3,086	-1.6
3	Middle Atlantic.....	19,315,892	15,454,678	3,861,214	25.0	5,592,519	5,146,961	445,558	8.7	468,379	485,618	-17,239	-3.5
4	East North Central.....	18,250,621	15,985,581	2,265,040	14.2	8,633,350	8,637,570	-4,220	-(1)	1,123,489	1,135,823	-12,334	-1.1
5	West North Central.....	11,637,621	10,347,423	1,290,498	12.5	7,764,205	7,324,759	439,446	6.0	1,109,948	1,060,744	49,204	4.6
6	South Atlantic.....	12,194,895	10,443,480	1,751,415	16.8	9,102,742	8,105,763	996,979	12.3	1,111,881	962,225	149,656	15.6
7	East South Central.....	8,409,901	7,547,757	862,144	11.4	6,835,672	6,361,467	474,205	7.5	1,042,480	903,313	139,167	15.4
8	West South Central.....	8,784,534	6,532,290	2,252,244	34.5	6,827,078	5,370,554	1,456,524	27.1	943,186	754,853	188,333	24.9
9	Mountain.....	2,633,517	1,674,657	958,860	57.3	1,686,006	1,099,325	586,681	53.4	183,446	101,327	82,119	81.0
10	Pacific.....	4,192,304	2,416,692	1,775,612	73.5	1,809,975	1,236,045	573,930	46.4	189,891	141,581	48,310	34.1
NEW ENGLAND:													
11	Maine.....	742,371	694,466	47,905	6.9	360,928	354,902	6,026	1.7	60,016	59,299	717	1.2
12	New Hampshire.....	430,572	411,588	18,984	4.6	175,473	185,581	-10,108	-5.4	27,053	29,324	-2,271	-7.7
13	Vermont.....	355,956	343,641	12,315	3.6	187,013	195,235	-8,222	-4.2	32,709	33,104	-395	-1.2
14	Massachusetts.....	3,366,416	2,805,346	561,070	20.0	241,049	235,852	5,197	2.2	36,917	37,715	-798	-2.1
15	Rhode Island.....	542,610	428,556	114,054	26.6	17,956	16,877	1,079	6.4	5,292	5,498	-206	-3.7
16	Connecticut.....	1,114,756	908,420	206,336	22.7	114,917	114,039	878	0.8	26,815	26,948	-133	-0.5
MIDDLE ATLANTIC:													
17	New York.....	9,113,614	7,268,894	1,844,720	25.4	1,928,120	1,916,611	11,509	0.6	215,597	226,720	-11,123	-4.9
18	New Jersey.....	2,537,167	1,883,669	653,498	34.7	629,957	520,016	109,941	21.1	33,487	34,650	-1,163	-3.4
19	Pennsylvania.....	7,665,111	6,302,115	1,362,996	21.6	3,034,442	2,710,334	324,108	12.0	219,295	224,248	-4,953	-2.2
EAST NORTH CENTRAL:													
20	Ohio.....	4,767,121	4,157,545	609,576	14.7	2,101,978	2,130,083	-28,105	-1.3	272,045	276,719	-4,674	-1.7
21	Indiana.....	2,700,876	2,516,462	184,414	7.3	1,557,041	1,640,168	-83,127	-5.1	215,485	221,897	-6,412	-2.9
22	Illinois.....	5,638,591	4,821,550	817,041	16.9	2,161,662	2,155,217	6,445	0.3	251,872	264,151	-12,279	-4.6
23	Michigan.....	2,810,173	2,420,982	389,191	16.1	1,483,129	1,454,156	28,973	2.0	206,960	203,261	3,699	1.8
24	Wisconsin.....	2,333,860	2,069,042	264,818	12.8	1,329,540	1,257,946	71,594	5.7	177,127	169,795	7,332	4.3
WEST NORTH CENTRAL:													
25	Minnesota.....	2,075,708	1,751,394	324,314	18.5	1,225,414	1,137,799	87,615	7.7	156,137	154,659	1,478	1.0
26	Iowa.....	2,234,771	2,231,853	-7,082	-0.3	1,544,717	1,664,586	-119,869	-7.2	217,044	228,622	-11,578	-5.1
27	Missouri.....	3,293,335	3,106,665	186,670	6.0	1,894,518	1,963,234	-68,716	-3.5	277,244	284,886	-7,642	-2.7
28	North Dakota.....	577,056	319,146	257,910	80.8	513,820	285,784	228,036	79.8	74,360	45,332	29,028	64.0
29	South Dakota.....	583,888	401,570	182,318	45.4	507,215	333,625	173,590	43.4	77,644	52,622	25,022	47.6
30	Nebraska.....	1,192,214	1,066,300	125,914	11.8	881,362	804,447	76,915	9.6	129,678	121,525	8,153	6.7
31	Kansas.....	1,690,949	1,470,495	220,454	15.0	1,197,159	1,115,284	81,875	7.3	177,841	173,098	4,743	2.7
SOUTH ATLANTIC:													
32	Delaware.....	202,322	184,735	17,587	9.5	105,237	99,018	6,219	6.3	10,836	9,687	1,149	11.9
33	Maryland.....	1,295,346	1,188,044	107,302	9.0	637,154	594,911	42,243	7.1	48,923	46,012	2,911	6.3
34	District of Columbia.....	331,069	278,718	52,351	18.8					217	269	-52	-19.3
35	Virginia.....	2,061,612	1,854,184	207,428	11.2	1,585,083	1,499,323	85,760	5.7	184,018	167,886	16,132	9.6
36	West Virginia.....	1,221,119	958,800	262,319	27.4	992,877	821,336	171,541	20.9	96,685	92,874	3,811	4.1
37	North Carolina.....	2,206,287	1,893,810	312,477	16.5	1,887,813	1,685,595	202,218	12.0	253,725	224,637	29,088	12.9
38	South Carolina.....	1,515,400	1,340,316	175,084	13.1	1,290,568	1,163,046	127,522	11.0	176,434	155,355	21,079	13.6
39	Georgia.....	2,609,121	2,216,331	392,790	17.7	2,070,471	1,840,279	230,192	12.5	291,027	224,691	66,336	29.5
40	Florida.....	752,619	528,542	224,077	42.4	533,539	402,255	131,284	32.6	50,016	40,814	9,202	22.5
EAST SOUTH CENTRAL:													
41	Kentucky.....	2,289,905	2,147,174	142,731	6.6	1,734,463	1,663,941	70,522	4.2	259,185	234,667	24,518	10.4
42	Tennessee.....	2,184,789	2,030,616	154,173	8.1	1,743,744	1,684,894	58,850	3.5	246,012	224,623	21,389	9.5
43	Alabama.....	2,138,093	1,828,697	309,396	16.9	1,767,662	1,591,027	176,635	11.1	262,901	223,220	39,681	17.8
44	Mississippi.....	1,797,114	1,551,270	245,844	15.8	1,589,803	1,421,605	168,198	11.8	274,382	220,803	53,579	24.3
WEST SOUTH CENTRAL:													
45	Arkansas.....	1,574,449	1,311,564	262,885	20.0	1,371,768	1,179,845	191,923	16.3	214,678	178,694	35,984	20.1
46	Louisiana.....	1,656,388	1,381,625	274,763	19.9	1,159,872	1,000,628	159,244	15.9	120,546	115,969	4,577	3.9
47	Oklahoma.....	1,657,155	2 790,391	866,764	109.7	1,337,000	2 701,243	635,757	90.7	190,192	2 108,000	82,192	76.1
48	Texas.....	3,896,542	3,048,710	847,832	27.8	2,958,438	2,488,838	469,600	18.9	417,770	352,190	65,580	18.6
MOUNTAIN:													
49	Montana.....	376,053	243,329	132,724	54.5	242,633	153,853	88,780	57.7	26,214	13,370	12,844	96.1
50	Idaho.....	325,594	161,772	163,822	101.3	255,696	139,665	116,031	83.1	30,807	17,471	13,336	76.3
51	Wyoming.....	145,965	92,531	53,434	57.7	102,744	59,005	43,739	74.1	10,987	6,095	4,892	80.3
52	Colorado.....	799,024	539,700	259,324	48.0	394,184	270,038	124,146	46.0	46,170	24,700	21,470	86.9
53	New Mexico.....	327,301	195,310	131,991	67.6	280,739	168,826	111,914	66.3	35,676	12,311	23,365	189.8
54	Arizona.....	204,354	122,931	81,423	66.2	141,094	101,522	39,572	39.0	9,227	5,809	3,418	58.8
55	Utah.....	373,351	276,749	96,602	34.9	200,417	168,581	31,836	18.9	21,676	19,387	2,289	11.8
56	Nevada.....	81,875	42,335	39,540	93.4	68,508	37,835	30,673	81.1	2,689	2,184	505	23.1
PACIFIC:													
57	Washington.....	1,141,990	518,103	623,887	120.4	536,460	290,489	245,971	84.7	56,192	33,202	22,990	69.2
58	Oregon.....	672,765	413,536	259,229	62.7	365,705	270,696	95,009	35.1	45,502	35,837	9,665	27.0
59	California.....	2,377,549	1,485,053	892,496	60.1	907,810	674,860	232,950	34.5	88,197	72,542	15,655	21.6

1 Less than one-tenth of 1 per cent.

2 Less than one-hundredth of 1 per cent.



## FARMS AND FARM PROPERTY.

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## DISTRIBUTION OF UNITED STATES TOTALS AMONG DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (-) denotes decrease.]

	Total land area (acres).	ALL LAND IN FARMS (ACRES).				IMPROVED LAND IN FARMS (ACRES).				PER CENT OF UNITED STATES TOTALS.							
		1916	1900	Increase.		1910	1900	Increase.		Land area.	Farms.		Farm land.		Improved.		
				Acres.	Per ct.			Acres.	Per ct.		1910	1900	1910	1900	1910	1900	
1	1,903,289,600	878,798,325	838,591,774	40,206,551	4.8	478,451,750	414,498,487	63,953,263	15.4	100.00	109.00	100.00	100.00	100.00	100.00	100.00	
2	39,664,640	19,714,931	20,548,999	-834,068	-4.1	7,254,904	8,134,403	-879,499	-10.8	2.08	2.97	3.34	2.24	2.45	1.52	1.96	
3	64,000,000	43,191,056	44,800,090	-1,609,034	-3.7	29,320,894	30,786,211	-1,465,317	-4.8	3.36	7.36	8.46	4.91	5.35	6.13	7.43	
4	157,160,960	117,929,148	116,340,761	1,588,387	1.4	88,947,228	86,670,271	2,276,957	2.6	8.26	17.66	19.80	13.42	13.87	18.59	20.91	
5	326,914,560	232,648,121	201,008,713	31,639,408	15.7	164,284,862	135,643,828	28,641,034	21.1	17.18	17.45	18.49	26.47	23.97	34.34	32.72	
6	172,205,440	103,782,255	104,297,506	-515,251	-0.5	48,479,733	46,100,226	2,379,507	5.2	9.05	17.48	16.77	11.81	12.44	10.13	11.12	
7	114,885,760	81,520,629	81,247,643	272,986	0.3	43,946,846	40,237,337	3,709,509	9.2	6.04	16.39	15.74	9.28	9.69	9.19	9.71	
8	275,037,440	169,149,976	176,491,202	-7,341,226	-4.2	58,264,273	39,770,530	18,493,743	46.5	14.45	14.83	13.16	19.25	21.05	12.18	9.59	
9	549,840,000	59,533,420	46,397,284	13,136,136	28.3	15,915,002	8,402,576	7,512,426	89.4	28.89	2.88	1.77	6.77	5.53	3.33	2.03	
10	203,580,800	51,328,789	47,399,576	3,929,213	8.3	22,038,008	18,753,105	3,284,903	17.5	10.70	2.98	2.47	5.84	5.65	4.61	4.52	
11	19,132,800	6,296,859	6,299,946	-3,087	-(1)	2,360,657	2,386,889	-26,232	-1.1	1.01	0.94	1.03	0.72	0.75	0.49	0.58	
12	5,779,840	3,249,458	3,609,864	-360,406	-10.0	929,185	1,076,879	-147,694	-13.7	0.30	0.43	0.51	0.37	0.43	0.19	0.26	
13	5,839,360	4,663,577	4,724,440	-60,863	-1.3	1,633,965	2,126,624	-492,659	-23.2	0.31	0.51	0.58	0.53	0.56	0.34	0.51	
14	5,144,960	2,875,941	3,147,064	-271,123	-8.6	1,164,501	1,292,132	-127,631	-9.9	0.27	0.58	0.66	0.33	0.38	0.24	0.31	
15	682,880	443,308	455,602	-12,294	-2.7	178,344	187,354	-9,010	-4.8	0.04	0.08	0.10	0.05	0.05	0.04	0.05	
16	3,084,800	2,185,788	2,312,083	-126,295	-5.5	988,252	1,064,525	-76,273	-7.2	0.16	0.42	0.47	0.25	0.28	0.21	0.26	
17	30,498,560	22,030,367	22,648,109	-617,742	-2.7	14,844,039	15,599,986	-755,947	-4.8	1.60	3.39	3.95	2.51	2.70	3.10	3.76	
18	4,808,960	2,573,857	2,840,966	-267,109	-9.4	1,803,336	1,977,042	-173,706	-8.8	0.25	0.53	0.60	0.29	0.34	0.38	0.48	
19	28,692,480	18,586,832	19,371,015	-784,183	-4.0	12,673,519	13,209,183	-535,664	-4.1	1.51	3.45	3.91	2.11	2.31	2.65	3.19	
20	26,073,600	24,105,708	24,501,985	-396,277	-1.6	19,227,969	19,244,472	-16,503	-0.1	1.37	4.28	4.82	2.74	2.92	4.02	4.64	
21	23,068,800	21,299,823	21,619,623	-319,800	-1.5	16,931,252	16,680,358	250,894	1.5	1.21	3.39	3.87	2.42	2.58	3.54	4.02	
22	35,867,520	32,522,937	32,794,728	-271,791	-0.8	28,048,323	27,699,219	349,104	1.3	1.88	3.96	4.60	3.70	3.91	5.86	6.68	
23	36,787,200	18,940,614	17,561,698	1,378,916	7.9	12,832,078	11,799,250	1,032,828	8.8	1.93	3.25	3.54	2.16	2.09	2.68	2.85	
24	35,363,840	21,060,066	19,862,727	1,197,339	6.0	11,907,606	11,246,972	660,634	5.9	1.96	2.78	2.96	2.40	2.37	2.49	2.71	
25	51,749,120	27,675,823	26,248,498	1,427,325	5.4	19,643,533	18,442,585	1,200,948	6.5	2.72	2.45	2.70	3.15	3.19	4.11	4.45	
26	35,575,040	33,930,688	34,574,337	-643,649	-1.9	29,491,199	29,897,552	-406,353	-1.4	1.87	3.41	3.98	3.86	4.12	6.16	7.21	
27	43,985,280	34,591,248	33,997,873	593,375	1.7	24,581,186	22,900,043	1,681,143	7.3	2.31	4.36	4.97	3.94	4.05	5.14	5.52	
28	44,917,120	28,426,650	15,542,640	12,884,010	82.9	20,455,092	9,644,520	10,810,572	112.1	2.36	1.17	0.79	3.23	1.85	4.28	2.33	
29	49,195,520	26,016,892	19,070,616	6,946,276	36.4	15,827,208	11,285,983	4,541,225	40.2	2.58	1.22	0.92	2.96	2.27	3.31	2.72	
30	49,157,120	38,622,021	29,911,779	8,710,242	29.1	24,382,577	18,432,595	5,949,982	32.3	2.58	2.04	2.12	4.39	3.57	5.10	4.45	
31	52,335,360	43,384,799	41,662,970	1,721,829	4.1	29,904,067	25,040,550	4,863,517	19.4	2.75	2.80	3.02	4.94	4.97	6.25	6.04	
32	1,257,600	1,038,866	1,066,228	-27,362	-2.6	713,538	754,010	-40,472	-5.4	0.07	0.17	0.17	0.12	0.13	0.15	0.18	
33	6,362,240	5,057,140	5,170,075	-112,935	-2.2	3,354,767	3,516,352	-161,585	-4.6	0.33	0.77	0.80	0.58	0.62	0.70	0.85	
34	38,400	6,063	8,489	-2,426	-28.6	5,133	5,934	-801	-13.5	(*)	-----	-----	-----	-----	-----	-----	
35	25,767,680	19,495,636	19,907,883	-412,247	-2.1	9,870,058	10,094,805	-224,747	-2.2	1.35	2.89	2.93	2.22	2.37	2.06	2.44	
36	15,374,080	10,026,442	10,654,513	-628,071	-5.9	5,521,757	5,498,981	22,776	0.4	0.81	1.52	1.62	1.14	1.27	1.15	1.33	
37	31,193,600	22,439,129	22,749,356	-310,227	-1.4	8,813,056	8,327,106	485,950	5.8	1.64	3.99	3.92	2.55	2.71	1.84	2.01	
38	19,516,800	13,512,028	13,985,014	-472,986	-3.4	6,097,999	5,775,741	322,258	5.6	1.03	2.77	2.71	1.54	1.67	1.27	1.39	
39	37,584,000	26,963,413	26,392,057	561,356	2.1	12,298,017	10,615,644	1,682,373	15.8	1.97	4.57	3.92	3.07	3.15	2.57	2.56	
40	35,111,040	5,253,538	4,303,891	889,647	20.4	1,805,408	1,511,653	293,755	19.4	1.84	0.79	0.71	0.60	0.52	0.38	0.36	
41	25,715,840	22,189,127	21,979,422	209,705	1.0	14,354,471	13,741,968	612,503	4.5	1.35	4.07	4.09	2.52	2.62	3.00	3.32	
42	26,679,680	20,041,657	20,342,058	-300,401	-1.5	10,890,484	10,245,950	644,534	6.3	1.40	3.87	3.92	2.28	2.43	2.28	2.47	
43	32,818,560	20,732,312	20,685,427	46,885	0.2	9,693,581	8,654,991	1,038,590	12.0	1.72	4.13	3.89	2.36	2.47	2.03	2.09	
44	29,671,680	18,557,533	18,240,736	316,797	1.7	9,008,310	7,594,428	1,413,882	18.6	1.56	4.31	3.85	2.11	2.18	1.88	1.83	
45	33,616,000	17,416,075	16,636,719	779,356	4.7	8,076,254	6,953,735	1,122,519	16.1	1.77	3.37	3.11	1.98	1.98	1.69	1.68	
46	29,061,760	10,439,481	11,059,127	-619,646	-5.6	5,276,016	4,666,532	609,484	13.1	1.53	1.89	2.02	1.19	1.32	1.10	1.13	
47	44,424,960	28,839,353	22,988,339	5,851,014	25.5	17,551,337	8,574,187	8,977,150	104.7	2.33	2.99	1.88	3.28	2.74	3.67	2.07	
48	167,934,720	112,435,067	125,807,017	-13,371,950	-10.6	27,360,666	19,576,076	7,784,590	39.8	8.82	6.57	6.14	12.79	15.00	5.72	4.72	
49	93,568,640	13,545,603	11,844,454	1,701,149	14.4	3,640,309	1,736,701	1,903,608	109.6	4.92	0.41	0.23	1.54	1.41	0.76	0.42	
50	53,346,560	5,283,604	3,204,903	2,078,701	64.9	2,778,740	1,413,118	1,365,622	96.6	2.80	0.48	0.30	0.60	0.38	0.58	0.34	
51	62,460,160	8,543,010	8,124,536	418,474	5.2	1,256,160	792,332	463,828	58.5	3.28	0.17	0.11	0.97	0.97	0.26	0.19	
52	66,341,120	13,532,113	9,474,588	4,057,525	42.8	4,302,101	2,273,968	2,028,133	89.2	3.49	0.73	0.43	1.54	1.13	0.90	0.55	
53	78,401,920	11,270,021	5,130,878	6,139,143	119.7	1,467,191	326,873	1,140,318	348.9	4.12	0.56	0.21	1.28	0.61	0.31	0.08	
54	72,838,400	1,246,613	1,935,327	-688,714													

\* Includes Indian Territory.



In acreage of improved land in farms all of the divisions except the New England and Middle Atlantic show increases between 1900 and 1910. The West North Central division reported a much greater absolute increase than any other division, nearly 29,000,000 acres of improved land, or not far from half of the total increase for the United States, having been added during the decade. The percentage of increase was, however, less than in the West South Central and Mountain divisions. In the West South Central about 18,500,000 acres were added during the decade,

an increase of 46.5 per cent; and in the Mountain division over 7,500,000 acres, or 89.4 per cent. The three northernmost states in the South Atlantic division, namely, Delaware, Maryland, and Virginia, show decreases, which are, however, more than offset by the increases in the other five states of the division.

The following statement shows the changes in the number of farms, land in farms, and improved farm land during the past decade in the North, the South, and the West, and in the territory east and west of the Mississippi River, respectively:

Table 4

SECTION.	POPULATION.				NUMBER OF ALL FARMS.			
	1910	1900	Increase. <sup>1</sup>		1910	1900	Increase. <sup>1</sup>	
			Amount.	Per cent.			Amount.	Per cent.
United States.....	91,972,266	75,994,575	15,977,691	21.0	6,361,502	5,737,372	624,130	10.9
The North.....	55,757,115	47,379,699	8,377,416	17.7	2,890,618	2,874,073	16,545	0.6
The South.....	29,389,330	24,523,527	4,865,803	19.8	3,097,547	2,620,391	477,156	18.2
The West.....	6,825,821	4,091,349	2,734,472	66.8	373,337	242,908	130,429	53.7
East of the Mississippi.....	64,723,960	55,023,513	9,700,447	17.6	3,935,031	3,678,867	256,164	7.0
West of the Mississippi.....	27,248,276	20,971,062	6,277,214	29.9	2,426,471	2,058,505	367,966	17.9
<b>ALL LAND IN FARMS (ACRES).</b>								
United States.....	878,798,325	838,591,774	40,206,551	4.8	478,451,750	414,498,487	63,953,263	15.4
The North.....	413,483,256	382,758,563	30,724,693	8.0	289,807,888	261,234,713	28,573,175	10.9
The South.....	354,432,860	362,036,351	-7,603,491	-2.1	150,690,852	126,108,093	24,582,759	19.5
The West.....	110,862,209	93,796,860	17,065,349	18.2	37,953,010	27,155,681	10,797,329	39.8
East of the Mississippi.....	366,138,019	367,294,999	-1,156,980	-0.3	217,949,605	211,928,448	6,021,157	2.8
West of the Mississippi.....	512,660,306	471,296,775	41,363,531	8.8	260,502,145	202,570,039	57,932,106	28.6

<sup>1</sup> A minus sign (-) denotes decrease.

The increase of over 30,000,000 acres of land in farms in the North was almost wholly confined to the West North Central division. In the South there was an apparent decrease, owing entirely to the conditions in Louisiana and Texas, already described. The West shows a smaller absolute increase, but a greater percentage of increase, than the North.

In acreage of improved farm land the North shows the greatest absolute increase during the decade, but in the South the absolute increase was nearly as great and the percentage of increase nearly twice as great, while in the West the absolute increase was about one-third as great, but the percentage of increase almost four times as high as in the North.

**Percentage of land in farms and percentage improved.**—Wide differences exist among the several states and divisions in the proportion of their total area which has been brought into farms, and also in the proportion of the farm land which has been improved. Table 5 shows these differences by means of percentages calculated from the figures in Table 3. The definition of improved land given in the note on page 265 should be borne in mind, since it is probable that the differences in the proportion of land improved and the changes in this proportion from census to census are due partly to differences in interpretation as to what constitutes improved land in different sections of the country and at different censuses.

The map on page 272 shows, by counties, the proportion which land in farms represents of the total land

area, and the map on page 273 shows the proportion which improved land represents of the total land area.

The East North Central division leads all other geographic divisions in the extent to which its land area has been brought into farms, exactly three-fourths of its total land area consisting of farm land. The proportions in the West North Central and East South Central divisions in each case exceed 70 per cent. The Middle Atlantic, West South Central, and South Atlantic divisions have each over 60 per cent of their total land area in farms, but in the New England division the proportion falls slightly below 50 per cent; in the Pacific division it is only 25.2 per cent; and in the Mountain division only 10.8 per cent.

The divisions rank somewhat differently with respect to the proportion of their area which is represented by improved farm land, these differences in ranking being due of course to the differences among the divisions in the percentage which improved land represents of the total farm land. The East North Central division again ranks first, 56.6 per cent of its total land area consisting of improved farm land, and the West North Central division ranks second, with 50.3 per cent. The Middle Atlantic division, however, ranks third, followed by the East South Central and South Atlantic. In each of the five divisions just named the improved farm land constituted more than one-fourth of the total land area, but in the West South Central, New England, Pacific, and



Mountain divisions the proportion is below one-fourth, and, in fact, in the Mountain division it is only 2.9 per cent.

With respect to the proportion which improved land represents of all land in farms, the New England and Middle Atlantic divisions reported a decline between 1900 and 1910, as shown in the table below, but in each of the other seven divisions the proportion was larger in the later year, the change being most conspicuous in the West South Central and Mountain divisions.

DIVISION OR STATE.	PER CENT LAND IN FARMS FORMS OF TOTAL LAND AREA.		PER CENT OF FARM LAND IMPROVED.		PER CENT OF TOTAL LAND AREA IMPROVED.	
	1910	1900	1910	1900	1910	1900
United States.....	46.2	44.1	54.4	49.4	25.1	21.8
GEOGRAPHIC DIVISIONS:						
New England.....	49.7	51.8	36.8	39.6	18.3	20.5
Middle Atlantic.....	67.5	70.1	67.9	68.6	45.8	48.1
East North Central.....	75.0	74.1	75.4	74.5	56.6	55.2
West North Central.....	71.2	61.5	70.6	67.5	50.3	41.5
South Atlantic.....	60.3	60.6	46.7	44.2	28.2	26.8
East South Central.....	71.0	70.7	53.9	49.5	38.3	35.0
West South Central.....	61.5	64.2	34.4	22.5	21.2	14.5
Mountain.....	10.8	8.4	26.7	18.1	2.9	1.5
Pacific.....	25.2	23.3	42.9	39.6	10.8	9.2
NEW ENGLAND:						
Maine.....	32.9	32.9	37.5	37.9	12.3	12.5
New Hampshire.....	56.2	62.5	28.6	29.8	16.1	18.6
Vermont.....	79.9	80.9	35.0	45.0	28.0	36.4
Massachusetts.....	55.9	61.2	40.5	41.1	22.6	25.1
Rhode Island.....	64.9	66.7	40.2	41.1	26.1	27.4
Connecticut.....	70.9	74.9	45.2	46.0	32.0	34.5
MIDDLE ATLANTIC:						
New York.....	72.2	74.3	67.4	68.9	48.7	51.1
New Jersey.....	53.5	59.1	70.1	69.6	37.5	41.1
Pennsylvania.....	64.8	67.5	68.2	68.2	44.2	46.0
EAST NORTH CENTRAL:						
Ohio.....	92.5	94.0	79.8	78.5	73.7	73.8
Indiana.....	92.3	94.1	79.5	77.2	73.4	72.6
Illinois.....	90.7	91.5	86.2	84.5	78.2	77.3
Michigan.....	51.5	47.7	67.8	67.2	34.9	32.1
Wisconsin.....	59.6	56.2	56.5	56.6	33.7	31.8
WEST NORTH CENTRAL:						
Minnesota.....	53.5	50.7	71.0	70.3	38.0	35.6
Iowa.....	95.4	97.2	86.9	86.5	82.9	84.0
Missouri.....	78.6	77.3	71.1	67.4	55.9	52.1
North Dakota.....	63.3	34.6	72.0	62.1	45.5	21.5
South Dakota.....	52.9	38.8	60.8	59.2	32.2	22.9
Nebraska.....	78.6	60.8	63.1	61.6	49.6	37.5
Kansas.....	82.9	79.6	68.9	60.1	57.1	47.8
SOUTH ATLANTIC:						
Delaware.....	82.6	84.8	68.7	70.7	56.7	60.0
Maryland.....	79.5	81.3	66.3	68.0	52.7	55.3
District of Columbia.....	15.8	22.1	84.7	69.9	13.4	15.5
Virginia.....	75.7	77.3	50.6	50.7	38.3	39.2
West Virginia.....	65.2	69.3	55.1	51.6	35.9	35.8
North Carolina.....	71.9	72.9	39.3	36.6	28.3	26.7
South Carolina.....	69.2	71.7	45.1	41.3	31.2	29.6
Georgia.....	71.7	70.2	45.6	40.2	32.7	28.2
Florida.....	15.0	12.4	34.4	34.6	5.4	4.3
EAST SOUTH CENTRAL:						
Kentucky.....	88.3	85.5	64.7	62.5	55.8	53.4
Tennessee.....	75.1	70.2	54.3	50.4	40.8	38.4
Alabama.....	63.2	63.0	46.8	41.8	29.5	26.4
Mississippi.....	62.5	61.5	48.5	41.6	30.4	25.6
WEST SOUTH CENTRAL:						
Arkansas.....	51.8	49.5	46.4	41.8	24.0	20.7
Louisiana.....	35.9	38.1	50.5	42.2	18.2	16.1
Oklahoma.....	65.0	51.7	60.8	37.3	39.5	19.3
Texas.....	67.0	74.9	24.3	15.6	16.3	11.7
MOUNTAIN:						
Montana.....	14.5	12.7	26.9	14.7	3.9	1.9
Idaho.....	9.9	6.0	52.6	44.1	5.2	2.6
Wyoming.....	13.7	13.0	14.7	9.8	2.0	1.3
Colorado.....	20.4	14.3	31.8	24.0	6.5	3.4
New Mexico.....	14.4	6.5	13.0	6.4	1.8	0.4
Arizona.....	1.7	2.7	28.1	13.2	0.5	0.3
Utah.....	6.5	7.8	40.3	25.1	2.6	2.0
Nevada.....	3.9	3.7	27.7	22.3	1.1	0.8
PACIFIC:						
Washington.....	27.4	19.9	54.4	40.8	14.9	8.1
Oregon.....	19.1	16.5	36.6	33.0	7.0	5.4
California.....	28.0	28.9	40.8	41.5	11.4	12.0

In the North, as shown in Table 6, improved farm land represents 49.3 per cent of the total land area; in the South, 26.8 per cent; and in the West, 5 per cent. East of the Mississippi the proportion is 39.8 per cent; west of the river, 19.2.

SECTION.	PER CENT LAND IN FARMS FORMS OF TOTAL LAND AREA.		PER CENT OF FARM LAND IMPROVED.		PER CENT OF TOTAL LAND AREA IMPROVED.	
	1910	1900	1910	1900	1910	1900
United States.....	46.2	44.1	54.4	49.4	25.1	21.8
The North.....	70.4	65.1	70.1	68.3	49.3	44.5
The South.....	63.1	64.4	42.5	34.8	26.8	22.4
The West.....	14.7	12.4	34.2	29.0	5.0	3.6
East of the Mississippi.....	66.8	67.1	59.5	57.7	39.8	38.7
West of the Mississippi.....	37.8	34.8	50.8	43.0	19.2	14.9

**Average size of farms.**—Table 13, on page 280, shows the average acreage and improved acreage per farm.

The farms are smaller in the older sections of the country than in the newer. They are, also, in general, smaller in the Southern states than in the Northern. This latter condition, however, is due largely to the fact that the land operated by each tenant is, in the census statistics, treated as a separate farm. In certain Southern states there are still many so-called plantations consisting of several or even many tenant holdings. In many cases these plantations as a whole are as truly agricultural units as large farms in the North operated by hired labor.

More specifically, the average size of farms is smallest in the East South Central division—78.2 acres. It is 92.2 acres in the Middle Atlantic division, 93.3 in the South Atlantic, 104.4 in the New England, and 105 in the East North Central. These five divisions do not differ so widely from one another as they all do from the four divisions lying west of the Mississippi River, in which the farms average much larger, ranging from 179.3 acres in the West South Central to 324.5 acres in the Mountain division. From the standpoint of cultivation of the soil, as distinguished from grazing, the average number of improved acres per farm furnishes a better basis for comparison of size than the average number of acres of all land, and in this respect the divisions rank quite differently.

While the average size of farms in the country as a whole has decreased about 6 per cent since 1900, it has increased in the East and West North Central divisions, and in the New England and Middle Atlantic divisions the decrease is small. But in the three southern divisions and in the Mountain and Pacific divisions the decrease in the size of farms has been conspicuous.

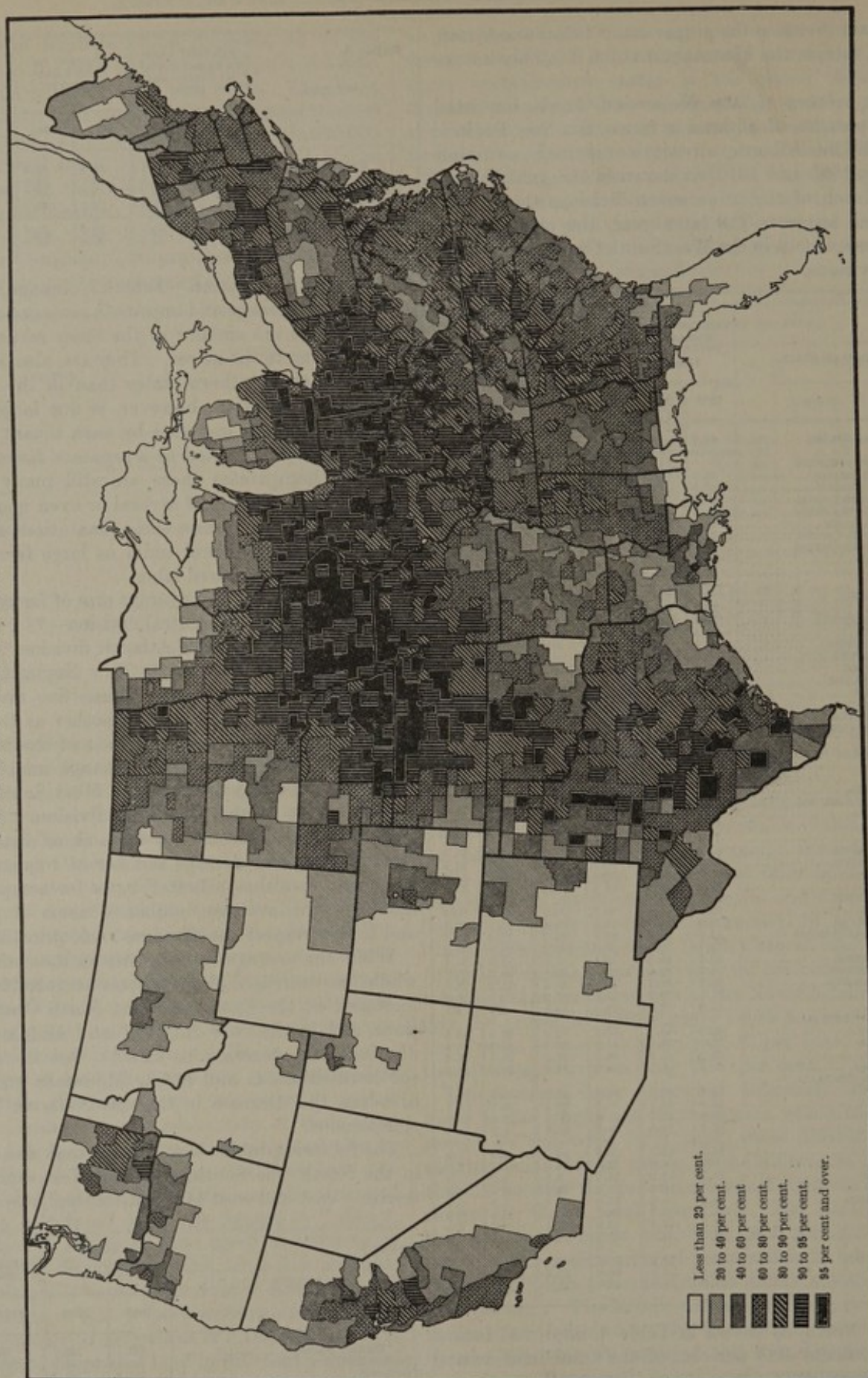
The following table shows the average size of farms in the North, the South, and the West, and in the territory east and west of the Mississippi, respectively:

SECTION.	AVERAGE ACRES OF LAND PER FARM.		AVERAGE IMPROVED ACRES PER FARM.	
	1910	1900	1910	1900
United States.....	138.1	146.2	75.2	72.2
The North.....	143.0	153.2	100.3	90.9
The South.....	114.4	138.2	48.6	48.1
The West.....	296.9	386.1	101.7	111.8
East of the Mississippi.....	93.0	90.8	55.4	57.6
West of the Mississippi.....	211.3	229.0	107.4	98.4



# PER CENT LAND IN FARMS FORMS OF TOTAL LAND AREA, BY COUNTIES: 1910.

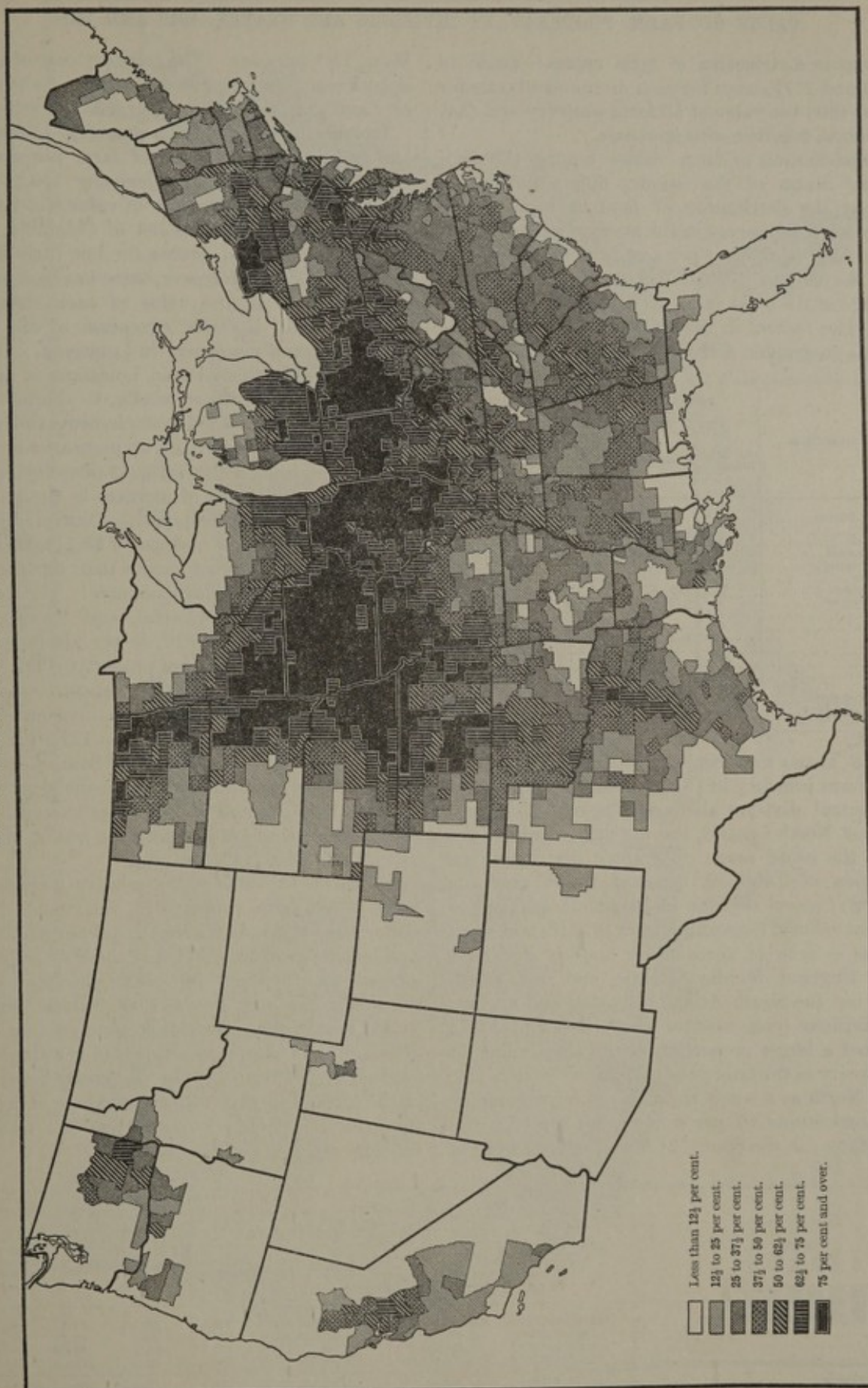
[Per cent for the United States, 46.2.]





# PER CENT IMPROVED LAND IN FARMS FORMS OF TOTAL LAND AREA, BY COUNTIES: 1910.

[Per cent for the United States, 25.1.]





## VALUE OF FARM PROPERTY, BY DIVISIONS AND STATES: 1910 AND 1900.

**Geographic distribution of farm values.**—Table 10 (pp. 276 and 277) shows for each division and state for 1910 and 1900 the value of all farm property and that of each class, together with increases.

The distribution of farm values among the divisions and states of the country differs quite radically from the distribution of land in farms, since there are wide differences in the average value of farm land and farm equipment per acre in the different sections of the country. The following table shows what percentage of the total value of all farm property and of each class thereof in the United States is reported from each geographic division or section:

Table 8	PER CENT OF UNITED STATES TOTALS.				
	All farm property.	Land.	Buildings.	Implements and machinery.	Live stock.
United States .....	100.0	100.0	100.0	100.0	100.0
New England .....	2.1	1.3	5.3	4.0	2.0
Middle Atlantic .....	7.2	5.1	15.5	13.2	7.1
East North Central .....	24.7	25.4	26.0	21.2	19.8
West North Central .....	33.0	35.3	24.7	29.2	31.5
South Atlantic .....	7.2	6.6	9.5	7.8	7.4
East South Central .....	5.3	4.7	6.5	6.0	7.5
West South Central .....	9.4	9.5	6.5	9.5	12.0
Mountain .....	4.3	4.1	2.3	3.9	7.9
Pacific .....	6.8	7.9	3.7	5.2	4.8
The North .....	67.0	67.2	71.5	67.7	60.4
The South .....	21.9	20.8	22.6	23.2	26.9
The West .....	11.1	12.0	6.0	9.1	12.7
East of the Mississippi .....	46.5	43.1	62.8	52.2	43.8
West of the Mississippi .....	53.5	56.9	37.2	47.8	56.2

Table 8 shows that nearly one-third of the total value of farm property in 1910 was found in the West North Central division alone, and nearly one-fourth in the East North Central, leaving only about 42 per cent for the other seven geographic divisions. An examination of Table 10, however, shows that the East North Central division had a smaller proportion of the total value of farm property in 1910 than in 1900. The same is true of three other easterly divisions, the New England, Middle Atlantic, and East South Central; but the South Atlantic division and all four of the divisions lying west of the Mississippi River contributed a larger proportion of the total value of farm property in the later year than in the earlier.

In the North as a whole the value of farm property in 1910 constituted 67 per cent of the total for the United States; in the South, 21.9 per cent; and in the

West, 11.1 per cent. The territory east of the Mississippi River comprised 46.5 per cent of all farm property and that west of the river 53.5 per cent.

**Increase in value of farm property.**—Between 1900 and 1910 the total value of farm property in the United States doubled, increasing 100.5 per cent. This extraordinary increase in value has been shared by every state. (The District of Columbia, although listed in the tables, counts for but little in agricultural statistics.) Moreover, there has been an increase in every state in the value of each class of farm property, with the sole exception of the value of implements and machinery in Louisiana. The apparent decrease in this item in Louisiana is misleading, being due mainly, if not wholly, to the fact that the returns for 1900 included as implements and machinery the equipment of sugar mills on plantations, which was excluded, as being manufacturing property, in 1910.

In absolute amount of increase in the value of all farm property the West North Central division far exceeds any other, the increase of \$7,714,000,000 there representing considerably more than one-third of the total increase for the entire country. The East North Central, West South Central, and Pacific divisions follow, in the order named, in the absolute amounts added to the value of farm property. The divisions, however, rank differently with respect to the percentages of increase. The Mountain division shows the most remarkable relative increase, 192.3 per cent, followed in order by the Pacific, West South Central, West North Central, and South Atlantic divisions. In each of these five divisions the increase exceeded 100 per cent. The lowest rate of increase was in the Middle Atlantic division, 28.1 per cent.

As shown in Table 9, the relative increase in the value of all farm property in the South, 110.1 per cent, exceeded that in the North, 90.1 per cent; but both, as might be expected, fell below the West, in which the increase was 164.7 per cent. The absolute increase in the North, however, over \$13,000,000,000, greatly exceeded that in the other two sections combined, representing in fact almost two-thirds of the total increase for the United States. For the entire territory east of the Mississippi River the percentage of increase in the value of all farm property was 69.1 and for the territory west of the river 139.3.

Table 9

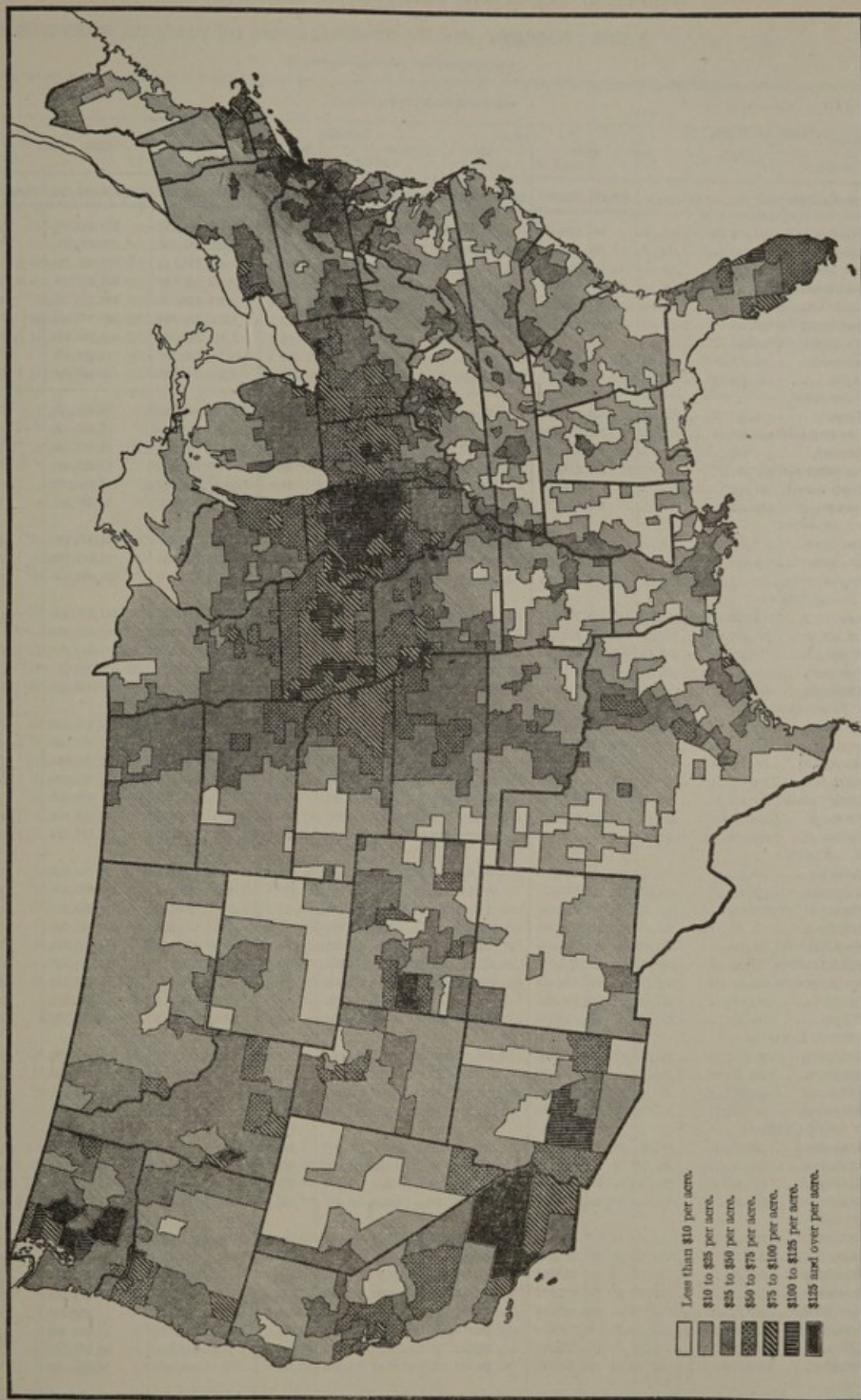
SECTION.	VALUE OF ALL FARM PROPERTY.			PER CENT OF INCREASE: 1900-1910				
	1910	1900	Increase.	All farm property.	Land.	Buildings.	Implements and machinery.	Live stock.
United States .....	\$40,391,449,090	\$20,439,901,164	\$20,551,547,926	100.5	118.1	77.8	68.7	60.1
The North .....	27,481,267,056	14,455,452,476	13,025,814,580	90.1	104.2	69.2	65.6	56.8
The South .....	8,972,126,889	4,269,854,719	4,702,272,170	110.1	131.3	99.0	62.9	63.5
The West .....	4,538,055,145	1,714,593,969	2,823,461,176	164.7	203.5	125.0	119.0	70.1
East of the Mississippi .....	19,079,930,097	11,284,358,101	7,795,571,996	69.1	73.4	62.5	56.7	62.0
West of the Mississippi .....	21,911,518,993	9,155,543,063	12,755,975,930	139.3	171.0	111.6	84.2	58.7



# AVERAGE VALUE OF LAND IN FARMS PER ACRE, BY COUNTIES: 1910.

[Average for the United States, \$32.40.]

NOTE.—The averages are based only on land in farms, each county as a whole being shaded according to the average value of such land per acre, even though only a small proportion of the county may be occupied by farm land. Comparison should be made between this map and the map on page 272.





## ABSTRACT OF THE CENSUS—AGRICULTURE.

## FARM PROPERTY—VALUE OF EACH CLASS OF FARM PROPERTY, WITH AMOUNTS

[A minus sign (—) denotes decrease.]

Table 10	DIVISION OR STATE.	ALL FARM PROPERTY.				LAND.			
		1910	1900	Increase.		1910	1900	Increase.	
				Amount.	Per cent.			Amount.	Per cent.
1	United States.....	\$40,991,449,090	\$20,439,901,164	\$20,551,547,926	100.5	\$28,475,674,169	\$13,058,007,995	\$15,417,666,174	118.1
GEOGRAPHIC DIVISIONS:									
2	New England.....	867,249,457	639,645,900	227,594,557	35.6	382,134,424	283,460,803	98,673,621	34.8
3	Middle Atlantic.....	2,959,589,022	2,310,886,728	648,702,294	28.1	1,462,321,005	1,219,928,090	242,392,915	19.9
4	East North Central.....	10,119,128,066	5,683,925,367	4,435,202,699	78.0	7,231,669,114	3,973,023,780	3,258,645,334	82.0
5	West North Central.....	13,535,309,511	5,820,994,481	7,714,315,030	132.5	10,052,560,913	3,892,877,273	6,159,683,640	158.2
6	South Atlantic.....	2,951,200,773	1,454,031,316	1,497,169,457	103.0	1,883,349,675	899,820,936	983,528,739	109.3
7	East South Central.....	2,182,771,779	1,195,808,790	986,962,989	82.5	1,326,826,864	708,153,451	618,673,413	87.4
8	West South Central.....	3,838,154,337	1,619,954,613	2,218,199,724	136.9	2,716,098,530	953,785,562	1,762,312,968	184.8
9	Mountain.....	1,757,573,368	601,264,180	1,156,309,188	192.3	1,174,370,096	284,064,810	890,305,286	313.4
10	Pacific.....	2,780,481,777	1,113,329,789	1,667,151,988	149.7	2,246,313,548	842,893,290	1,403,420,258	166.5
NEW ENGLAND:									
11	Maine.....	199,271,998	122,410,904	76,861,094	62.8	86,481,395	49,359,450	37,121,945	75.2
12	New Hampshire.....	103,704,196	85,842,006	17,862,190	20.8	44,519,047	35,498,700	9,020,347	25.4
13	Vermont.....	145,399,728	108,451,427	36,948,301	34.1	58,385,327	45,813,905	12,571,422	27.4
14	Massachusetts.....	226,474,025	182,646,704	43,827,321	24.0	105,532,616	86,925,410	18,607,206	21.4
15	Rhode Island.....	32,990,739	26,989,189	6,001,550	22.2	15,009,981	13,421,770	1,588,211	11.8
16	Connecticut.....	159,399,771	113,305,580	46,094,191	40.7	72,206,058	52,441,508	19,764,550	37.7
MIDDLE ATLANTIC:									
17	New York.....	1,451,481,495	1,069,723,895	381,757,600	35.7	707,747,828	551,174,220	156,573,608	28.4
18	New Jersey.....	254,832,665	189,533,660	65,299,005	34.5	124,143,167	93,360,990	30,782,177	33.0
19	Pennsylvania.....	1,253,274,862	1,051,629,173	201,645,689	19.2	630,430,010	575,392,940	55,037,070	9.6
EAST NORTH CENTRAL:									
20	Ohio.....	1,902,694,589	1,198,923,946	703,770,643	58.7	1,285,894,812	817,163,710	468,731,102	57.4
21	Indiana.....	1,809,135,238	978,616,471	830,518,767	84.9	1,328,196,545	687,633,460	640,563,085	93.2
22	Illinois.....	3,905,321,075	2,004,316,897	1,901,004,178	94.8	3,090,411,148	1,514,113,970	1,576,297,178	104.1
23	Michigan.....	1,088,858,379	690,355,734	398,502,645	57.7	615,258,348	423,560,950	191,697,398	45.3
24	Wisconsin.....	1,413,118,785	811,712,319	601,406,466	74.1	911,938,261	530,542,690	381,395,571	71.9
WEST NORTH CENTRAL:									
25	Minnesota.....	1,476,411,737	788,684,642	687,727,095	87.2	1,019,102,027	559,301,900	459,800,127	82.2
26	Iowa.....	3,745,869,544	1,834,345,546	1,911,514,998	104.2	2,801,973,729	1,256,751,980	1,545,221,749	123.0
27	Missouri.....	2,052,917,488	1,033,121,897	1,019,795,591	98.7	1,445,982,389	695,470,723	750,511,666	107.9
28	North Dakota.....	974,814,205	255,266,751	719,547,454	281.9	730,380,131	173,352,270	557,027,861	321.3
29	South Dakota.....	1,166,096,980	297,525,302	868,571,678	291.9	902,606,751	189,206,890	713,399,861	377.1
30	Nebraska.....	2,079,818,647	747,950,057	1,331,868,590	178.1	1,614,539,313	486,605,900	1,127,933,413	231.8
31	Kansas.....	2,039,389,910	864,100,286	1,175,289,624	136.0	1,537,976,573	532,187,610	1,005,788,963	189.0
SOUTH ATLANTIC:									
32	Delaware.....	63,179,201	40,697,654	22,481,547	55.2	34,935,161	23,768,820	11,166,341	47.0
33	Maryland.....	286,167,028	204,645,467	81,521,561	39.8	163,451,614	120,367,550	43,084,064	35.8
34	District of Columbia.....	8,476,533	11,535,376	-3,058,843	-26.5	7,193,950	9,700,230	-2,506,280	-25.8
35	Virginia.....	625,065,383	323,515,977	301,549,406	93.2	394,638,912	200,615,080	194,023,832	96.7
36	West Virginia.....	314,738,540	263,907,349	110,831,191	54.4	207,075,759	134,269,110	72,806,649	54.2
37	North Carolina.....	537,716,210	233,834,693	303,881,517	130.0	343,164,945	141,955,840	201,209,105	141.7
38	South Carolina.....	392,128,314	153,591,159	238,537,155	155.3	268,774,854	99,805,890	168,968,964	169.3
39	Georgia.....	580,546,381	228,374,637	352,171,744	154.2	370,353,415	138,515,430	231,837,985	167.4
40	Florida.....	143,183,183	53,929,064	89,254,119	165.5	93,738,065	30,823,016	62,915,049	204.1
EAST SOUTH CENTRAL:									
41	Kentucky.....	773,797,880	471,045,856	302,752,024	64.3	484,464,617	291,117,430	193,347,187	66.4
42	Tennessee.....	612,529,836	341,202,025	271,318,811	79.5	371,415,783	202,013,790	169,401,993	83.9
43	Alabama.....	370,138,429	179,399,882	190,738,547	106.3	216,944,175	100,165,571	116,778,604	116.6
44	Mississippi.....	426,314,634	204,221,027	222,093,607	108.8	254,002,289	114,856,660	139,145,629	121.1
WEST SOUTH CENTRAL:									
45	Arkansas.....	400,089,303	181,416,001	218,673,302	120.5	246,021,450	105,106,650	140,914,800	134.1
46	Louisiana.....	301,220,988	198,536,906	102,684,082	51.7	187,803,277	107,730,210	80,073,067	74.3
47	Oklahoma.....	918,198,882	127,525,433	640,673,449	230.9	649,066,608	149,397,900	499,668,708	334.5
48	Texas.....	2,218,645,164	962,476,273	1,256,168,891	130.5	1,633,207,135	591,550,802	1,041,656,333	176.1
MOUNTAIN:									
49	Montana.....	347,828,770	117,859,823	229,968,947	195.1	226,771,302	52,660,560	174,110,742	330.6
50	Idaho.....	305,317,185	67,271,202	238,045,983	353.9	219,053,316	35,486,368	183,566,948	519.8
51	Wyoming.....	167,189,081	67,477,407	99,711,674	147.8	88,908,276	23,434,010	65,474,266	279.4
52	Colorado.....	491,471,806	161,045,191	330,426,615	205.2	362,822,295	90,341,523	272,480,772	301.6
53	New Mexico.....	159,447,990	53,767,824	105,680,166	196.6	98,806,497	17,323,709	81,482,788	470.4
54	Arizona.....	75,123,970	29,963,847	45,160,123	150.5	42,349,737	11,416,460	30,933,277	271.0
55	Utah.....	150,795,201	75,175,141	75,620,060	100.6	99,482,164	40,126,560	59,355,604	147.9
56	Nevada.....	60,399,365	28,673,835	31,725,530	110.6	35,276,599	13,275,620	22,000,979	165.7
PACIFIC:									
57	Washington.....	637,543,411	144,040,547	493,502,864	342.6	517,421,908	90,310,510	427,111,398	421.0
58	Oregon.....	528,243,782	172,761,287	355,482,495	205.8	411,096,102	113,137,820	298,958,282	263.9
59	California.....	1,614,694,584	796,527,955	818,166,629	102.7	1,317,195,448	630,444,960	686,750,488	108.9

\* Includes Indian Territory.



## FARMS AND FARM PROPERTY.

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AND PERCENTAGES OF INCREASE, BY DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (—) denotes decrease.]

	BUILDINGS.				IMPLEMENTS AND MACHINERY.				LIVE STOCK.			
	1910	1900	Increase.		1910	1900	Increase.		1910	1900	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
1	\$6,325,451,528	\$3,556,639,496	\$2,768,812,032	77.8	\$1,265,149,783	\$749,775,970	\$515,373,813	68.7	\$4,925,173,610	\$3,075,477,703	\$1,849,695,907	60.1
2	336,410,384	244,806,945	91,603,439	37.4	50,708,826	36,551,820	14,247,006	39.0	97,896,823	74,826,332	23,070,491	30.8
3	980,628,098	729,009,850	251,558,248	34.5	167,480,384	116,253,270	51,227,114	44.1	349,159,535	245,635,518	103,524,017	42.1
4	1,642,292,480	909,573,600	702,718,880	74.8	268,806,550	166,694,220	102,112,330	61.3	976,329,922	604,633,707	371,696,215	61.5
5	1,562,104,957	758,405,725	803,699,232	106.0	368,935,544	197,367,840	171,567,704	86.9	1,551,708,097	972,343,643	579,364,454	59.6
6	603,086,799	306,528,682	296,558,117	96.7	98,230,147	53,318,890	44,911,257	84.2	366,534,152	194,362,808	172,171,344	88.6
7	411,570,975	225,627,372	185,943,603	82.4	75,339,333	48,767,235	26,572,098	54.5	369,694,607	213,320,732	155,713,875	73.0
8	412,498,352	185,105,506	227,392,846	122.8	119,720,377	77,925,050	41,795,327	53.6	589,837,078	403,138,495	186,698,583	46.3
9	145,626,777	54,554,862	90,471,915	165.8	49,429,975	18,807,620	30,622,355	162.8	388,746,520	243,836,888	144,909,632	59.4
10	231,832,706	112,966,894	118,865,812	105.2	66,408,647	34,090,625	32,318,022	94.8	235,926,876	123,379,580	112,547,296	91.2
11	73,138,231	47,142,700	25,995,531	55.1	14,490,533	8,802,720	5,687,813	64.6	25,161,839	17,106,694	8,055,805	47.1
12	41,397,014	34,625,000	6,771,414	19.6	5,877,657	5,163,090	714,567	13.8	11,910,478	10,554,646	1,355,832	12.8
13	54,202,948	37,257,715	16,945,233	45.5	10,168,687	7,538,490	2,630,197	34.9	22,642,766	17,841,317	4,801,449	26.9
14	88,636,149	71,093,880	17,542,269	24.7	11,563,894	8,828,950	2,734,944	31.0	20,741,366	15,798,464	4,942,902	31.3
15	12,922,879	9,703,490	3,219,389	33.2	1,781,407	1,270,270	511,137	40.2	3,276,472	2,563,659	682,813	26.3
16	66,113,163	44,983,560	21,129,603	47.0	6,916,648	4,948,300	1,968,348	29.8	14,163,902	10,932,212	3,231,690	29.6
17	476,998,001	336,959,960	140,038,041	41.6	83,644,822	56,066,000	27,638,822	49.3	183,090,844	125,583,715	57,507,129	45.8
18	92,991,352	69,290,080	23,701,272	34.3	13,109,507	9,330,050	3,779,457	40.5	24,588,639	17,612,620	6,976,019	39.6
19	410,638,745	322,879,810	87,758,935	27.2	70,726,055	50,917,240	19,808,815	28.9	141,480,062	102,439,183	39,040,869	38.1
20	368,257,594	219,451,470	148,806,124	67.8	51,210,071	36,354,150	14,855,921	40.9	197,332,112	125,954,616	71,377,496	56.7
21	266,079,051	154,101,880	111,977,171	72.7	40,999,541	27,330,370	13,669,171	50.0	173,860,101	109,550,761	64,309,340	58.7
22	432,381,422	251,467,580	180,913,842	71.9	73,724,074	44,977,310	28,746,764	63.9	308,804,431	193,758,037	115,046,394	59.4
23	285,879,951	158,947,760	126,932,191	79.9	49,916,285	28,795,380	21,120,905	73.3	137,803,705	79,042,644	58,761,151	74.3
24	289,694,462	155,604,970	134,089,492	86.2	52,956,579	29,237,010	23,719,569	81.1	158,529,483	96,327,649	62,201,834	64.6
25	243,339,399	110,220,415	133,118,984	120.8	52,329,165	30,099,230	22,229,935	73.9	161,641,146	89,063,097	72,578,049	81.5
26	455,405,671	240,802,810	214,602,861	89.1	95,477,948	57,960,660	37,517,288	64.7	393,003,196	278,830,096	114,173,100	40.9
27	270,221,997	148,508,490	121,713,507	82.0	50,873,994	28,602,680	22,271,314	77.9	285,839,108	160,540,004	125,299,104	78.0
28	92,276,613	25,428,430	66,848,183	262.9	43,907,595	14,655,560	29,252,035	212.4	108,249,866	42,430,491	65,819,375	155.1
29	102,474,056	30,926,300	71,547,756	231.3	33,786,973	12,218,680	21,568,293	176.5	127,229,200	65,173,432	62,055,768	95.2
30	198,807,622	91,054,120	107,753,502	118.3	44,249,708	24,940,450	19,309,258	77.4	222,222,004	145,349,587	76,872,417	52.9
31	199,579,599	111,465,160	88,114,439	79.1	48,310,161	29,490,580	18,819,581	63.8	253,523,577	190,956,936	62,566,641	32.8
32	18,217,822	10,667,220	7,550,602	70.8	3,206,095	2,150,560	1,055,535	49.1	6,817,123	4,111,064	2,706,069	65.8
33	78,285,569	54,810,760	23,474,749	42.8	11,859,771	8,611,220	3,248,551	37.7	32,570,134	20,855,877	11,714,257	56.2
34	1,037,393	1,573,760	-536,367	-34.1	92,350	136,060	-43,710	-32.1	152,840	125,326	27,514	22.0
35	137,399,150	70,963,120	66,436,030	93.6	18,115,883	9,911,040	8,204,843	82.8	74,891,438	42,026,737	32,864,701	78.2
36	57,315,195	34,026,560	23,288,635	68.4	7,011,513	5,040,420	1,971,093	39.1	43,336,073	30,571,259	12,764,814	41.8
37	113,459,662	52,709,080	60,750,582	115.3	18,441,619	9,072,600	9,369,019	103.3	62,649,984	30,106,173	32,543,811	108.1
38	64,113,227	26,955,670	37,157,557	137.8	14,108,853	6,629,770	7,479,083	112.8	45,131,380	20,199,859	24,931,521	123.4
39	108,850,917	44,854,090	63,996,827	142.7	20,948,056	9,804,010	11,144,046	113.7	80,393,993	35,200,507	45,193,486	128.4
40	24,407,924	9,976,822	14,431,102	144.6	4,446,007	1,963,210	2,482,797	126.5	20,591,187	11,166,016	9,425,171	84.4
41	150,994,755	90,887,460	60,107,295	66.1	20,851,846	15,301,860	5,549,986	36.3	117,486,662	73,739,106	43,747,556	59.3
42	109,106,804	63,136,960	45,969,844	72.8	21,292,171	15,232,670	6,059,501	39.8	110,706,078	60,818,605	49,887,473	82.0
43	71,309,416	34,452,612	36,856,804	107.0	16,290,004	8,675,900	7,614,104	87.8	65,594,834	36,105,799	29,489,035	81.7
44	80,100,000	37,159,340	43,000,660	115.8	16,905,312	9,556,805	7,348,507	76.9	75,247,693	42,667,222	32,580,471	76.4
45	63,145,363	30,075,520	33,069,843	110.0	16,864,198	8,750,060	8,114,138	92.7	74,068,292	37,483,771	36,584,521	97.6
46	49,741,173	33,400,400	16,340,773	48.9	18,977,053	28,536,790	-9,559,737	-33.5	44,699,485	28,869,506	15,829,979	54.8
47	89,610,556	121,406,775	68,203,781	318.6	27,088,806	10,512,495	16,576,311	157.7	152,432,792	190,208,263	56,224,529	58.4
48	210,001,200	100,222,811	109,778,449	109.5	56,790,260	30,125,705	26,664,555	88.5	318,646,509	240,576,955	78,069,554	32.5
49	24,854,628	9,365,530	15,489,098	165.4	10,539,653	3,671,900	6,867,753	187.0	85,663,187	52,161,833	33,501,354	64.2
50	25,112,509	6,831,815	18,280,694	267.6	10,476,061	3,295,045	7,181,016	217.9	49,775,309	21,657,974	28,117,335	129.8
51	9,007,001	3,631,520	5,475,481	155.0	3,668,294	1,366,000	2,302,294	168.5	65,605,510	39,145,877	26,459,633	67.6
52	45,696,656	16,002,512	29,694,144	185.6	12,791,601	4,746,755	8,044,846	169.5	70,161,344	49,964,311	20,207,033	40.5
53	13,024,502	3,565,105	9,459,397	265.3	4,122,312	1,151,610	2,970,702	258.0	43,494,679	31,727,400	11,767,279	37.1
54	4,935,573	2,266,500	2,669,073	117.8	1,787,790	765,200	1,022,590	133.6	26,060,870	15,545,687	10,515,183	67.6
55	18,063,168	10,651,790	7,411,378	69.6	4,468,178	2,922,550	1,545,628	52.9	28,781,691	21,474,241	7,307,450	34.0
56	4,332,740	2,340,090	1,992,650	85.2	1,576,096	888,500	687,596	77.4	19,213,930	12,169,565	7,044,365	57.9
57	54,546,459	16,299,200	38,247,259	234.7	16,709,844	6,271,630	10,438,214	166.4	48,865,110	22,159,267	26,705,843	120.5
58	43,880,207	19,199,694	24,680,513	128.5	13,205,645	6,506,725	6,698,920	103.0	59,461,828	33,917,048	25,544,780	75.3
59	133,406,040	77,468,000	55,938,040	72.2	36,493,158	21,311,670	15,181,488	71.2	127,599,938	67,303,325	60,296,613	89.6



**Average value of farm property per acre of land.**—Much more significant than comparisons between states and divisions with respect to the total value of farm property are comparisons of the average value of farm property per acre of land in farms. Table 12 shows for each division and state the average value, per acre of farm land, of all farm property and of each class.

In the average value of all farm property per acre of farm land the geographic division which ranks highest is the East North Central, the average in that division being \$85.81. The Middle Atlantic division is next (\$68.52 per acre), followed by the West North Central (\$58.18), Pacific (\$54.17), and New England (\$43.99) divisions in the order named. In the Mountain division, as well as in each of the three southern divisions, the average value of farm property per acre falls between \$20 and \$30.

The average value of land itself per acre ranges from \$61.32 in the East North Central division to \$16.06 in the West South Central. The values are much lower in New England, the three southern divisions, and the Mountain division than in the other four divisions.

The southern divisions of the country in general show greater percentages of increase in the value of

all farm property per acre of farm land during the past decade than the northern divisions. The West South Central division outranks all others in this respect, with an increase of 147.2 per cent. The two most westerly divisions, Mountain and Pacific, rank next in percentage of increase, followed by the South Atlantic and the West North Central. In all five of the divisions just named the average value of all farm property per acre of land was more than twice as high in 1910 as in 1900. The lowest rate of increase, 33 per cent, was in the Middle Atlantic division.

The principal factor in the increase of the value of farm property as a whole has been the increase in the value of land per acre. In five of the nine geographic divisions—namely, the four west of the Mississippi River, together with the South Atlantic—the average value of land in farms per acre was more than twice as high in 1910 as in 1900; in the Mountain division it was more than three times as high. In the East North Central and East South Central divisions the increase in value of farm land per acre exceeded 75 per cent. The lowest percentages of increase were in the Middle Atlantic and New England divisions—24.5 per cent and 40.5 per cent, respectively.

SECTION.	AVERAGE VALUE OF ALL FARM PROPERTY PER ACRE.				LAND.				BUILDINGS.			IMPLEMENTS AND MACHINERY.			LIVE STOCK.		
	1910	1900	Increase.		1910	1900	Increase.		1910	1900	Per cent of in- crease.	1910	1900	Per cent of in- crease.	1910	1900	Per cent of in- crease.
			Amount.	Per cent.			Amount.	Per cent.									
United States.....	\$46.64	\$24.37	\$22.27	91.4	\$32.40	\$15.57	\$16.83	108.1	\$7.20	\$4.24	69.8	\$1.44	\$0.89	61.8	\$5.60	\$3.67	52.6
The North.....	66.46	37.77	28.69	76.0	46.26	24.48	21.78	89.0	10.93	6.98	56.6	2.07	1.35	53.3	7.20	4.96	45.2
The South.....	25.31	11.79	13.52	114.7	16.72	7.08	9.64	136.2	4.03	1.98	103.5	0.83	0.50	66.0	3.74	2.24	67.0
The West.....	40.93	18.28	22.65	123.9	30.86	12.01	18.85	157.0	3.40	1.79	89.9	1.04	0.56	85.7	5.63	3.92	43.6
East of the Mississippi.....	52.11	30.72	21.39	69.6	33.56	19.29	14.27	74.0	10.85	6.66	62.9	1.80	1.15	56.5	5.90	3.63	62.5
West of the Mississippi.....	42.74	19.43	23.31	120.0	31.58	12.67	18.91	149.3	4.59	2.36	94.5	1.18	0.70	68.6	5.40	3.70	45.9

The average value of all farm property in the North, as shown in Table 11, is equal to \$66.46 for each acre of land in farms, in the South to \$25.31, and in the West to \$40.93. The South shows a decidedly higher percentage of increase in the average during the past decade than the North.

The average value of land per acre is shown by counties in the map on page 275. It should be noted that the averages are based only on land in farms. Each county as a whole is shaded according to the average value per acre of land in farms, even though only a small proportion of the county may actually be occupied by farm land. There are, for example, certain counties in the West in which, usually because of irrigation, the average value of land in farms exceeds \$100 per acre, but in which less than one-fifth of the total area is in farms. Somewhat similar conditions appear in several counties in Florida and a few elsewhere. Comparison should therefore be made between this map and the map on page 272 showing the proportion of the total land area of each county which is occupied by farms.

**Average value of farm property per farm.**—Table 13, on page 280, shows the average value per farm of all farm

property and of each class, and also, as a means of judging the significance of the figures, the average acreage and improved acreage per farm.

Owing to the combined effect of large average size of farms and high average value of farm property per acre, the Pacific and West North Central divisions conspicuously lead all others in average value of all farm property per farm, the average for the Pacific division being \$14,643. On account of the large average acreage of farms, the Mountain division ranks next to the West North Central in average value of farms and, on account of the high average value of farm property per acre, the East North Central ranks next. In the South Atlantic and East South Central divisions the average values per farm—\$2,654 and \$2,094, respectively—are very much lower than those in the other divisions, the farms themselves being small and their average value per acre comparatively low. If each plantation in the South were treated as a single farm, the average value of property per farm would be considerably higher than shown in the table.

In every division the average value of farms has increased greatly since 1900; in the West North Central division it has more than doubled.



## FARMS AND FARM PROPERTY.

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FARM PROPERTY—AVERAGE VALUE OF EACH CLASS OF FARM PROPERTY PER ACRE OF LAND IN FARMS, WITH INCREASES, BY DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (—) denotes decrease.]

Table 12 DIVISION OR STATE.	ALL FARM PROPERTY.				LAND.				BUILDINGS.			IMPLEMENTS AND MACHINERY.			LIVE STOCK.		
	1910	1900	Increase.		1910	1900	Increase.		1910	1900	Per ct. of increase.	1910	1900	Per ct. of increase.	1910	1900	Per ct. of increase.
			Amt.	Per ct.			Amt.	Per ct.									
United States...	\$46.64	\$24.37	\$22.27	91.4	\$32.40	\$15.57	\$16.83	108.1	\$7.20	\$4.24	69.8	\$1.44	\$0.89	61.8	\$5.60	\$3.67	52.6
GEOGRAPHIC DIVISIONS:																	
New England.....	43.99	31.13	12.86	41.3	19.38	13.79	5.59	40.5	17.06	11.91	43.2	2.58	1.78	44.9	4.97	3.64	36.5
Middle Atlantic....	68.52	51.51	17.01	33.0	33.86	27.19	6.67	24.5	22.70	16.25	39.7	3.88	2.59	49.8	8.08	5.48	47.4
East North Central.	85.81	48.86	36.95	75.6	61.32	34.15	27.17	79.6	13.93	8.08	72.4	2.28	1.43	59.4	8.28	5.20	59.2
West North Central.	58.18	28.96	29.22	100.9	43.21	19.37	23.84	123.1	6.71	3.77	78.0	1.59	0.98	62.2	6.67	4.84	37.8
South Atlantic.....	28.44	13.94	14.50	104.0	18.15	8.63	9.52	110.3	5.81	2.94	97.6	0.95	0.51	86.3	3.53	1.85	89.8
East South Central.	26.78	14.72	12.06	81.9	16.28	8.72	7.56	86.7	5.05	2.78	81.7	0.92	0.60	53.3	4.53	2.63	72.2
West South Central.	22.69	9.18	13.51	147.2	16.06	5.40	10.66	197.4	2.44	1.05	132.4	0.71	0.44	61.4	3.49	2.28	53.1
Mountain.....	29.52	12.96	16.56	127.8	19.73	6.12	13.61	222.4	2.44	1.18	106.8	0.83	0.41	102.4	6.53	5.26	24.1
Pacific.....	54.17	23.49	30.68	130.6	43.76	17.78	25.98	146.1	4.52	2.38	89.9	1.29	0.72	79.2	4.60	2.60	76.9
NEW ENGLAND:																	
Maine.....	31.65	19.43	12.22	62.9	13.73	7.83	5.90	75.4	11.62	7.48	55.3	2.30	1.40	64.3	4.00	2.72	47.1
New Hampshire....	31.91	23.78	8.13	34.2	13.70	9.83	3.87	39.4	12.74	9.59	32.8	1.81	1.43	26.6	3.67	2.92	25.7
Vermont.....	31.18	22.96	8.22	35.8	12.52	9.70	2.82	29.1	11.62	7.89	47.3	2.18	1.60	36.3	4.86	3.78	28.6
Massachusetts.....	78.75	58.04	20.71	35.7	36.69	27.62	9.07	32.8	30.82	22.59	36.4	4.02	2.81	43.1	7.21	5.02	43.6
Rhode Island.....	74.42	59.24	15.18	25.6	33.86	29.46	4.40	14.9	29.15	21.30	36.9	4.02	2.79	44.1	7.39	5.60	29.9
Connecticut.....	72.93	49.01	23.92	48.8	33.03	22.68	10.35	45.6	30.25	19.46	55.4	3.16	2.14	47.7	6.48	4.73	37.0
MIDDLE ATLANTIC:																	
New York.....	65.89	47.23	18.66	39.5	32.13	24.34	7.79	32.0	21.65	14.88	45.5	3.80	2.47	53.8	8.31	5.54	50.0
New Jersey.....	99.01	66.71	32.30	48.4	48.23	32.86	15.37	46.8	36.13	24.37	48.3	5.09	3.28	55.2	9.55	6.20	54.0
Pennsylvania.....	67.43	54.29	13.14	24.2	33.92	29.70	4.22	14.2	22.09	16.67	32.5	3.81	2.63	44.9	7.61	5.29	43.9
EAST NORTH CENTRAL:																	
Ohio.....	78.93	48.93	30.00	61.3	53.34	33.35	19.99	59.9	15.28	8.96	70.5	2.12	1.48	43.2	8.19	5.14	59.3
Indiana.....	84.94	45.27	39.67	87.6	62.36	31.81	30.55	96.0	12.49	7.13	75.2	1.92	1.26	52.4	8.16	5.07	60.9
Illinois.....	120.08	61.12	58.96	96.5	95.02	46.17	48.85	105.8	13.29	7.67	73.3	2.27	1.37	65.7	9.49	5.91	60.6
Michigan.....	57.49	39.31	18.18	46.2	32.48	24.12	8.36	34.7	15.09	9.05	66.7	2.64	1.64	61.0	7.28	4.50	61.8
Wisconsin.....	67.10	40.87	26.23	64.2	43.30	26.71	16.59	62.1	13.76	7.83	75.7	2.51	1.47	70.7	7.53	4.85	55.3
WEST NORTH CENTRAL:																	
Minnesota.....	53.35	30.05	23.30	77.5	36.82	21.31	15.51	72.8	8.79	4.20	109.3	1.89	1.15	64.3	5.84	3.39	72.3
Iowa.....	110.40	53.06	57.34	108.1	82.58	36.35	46.23	127.2	13.42	6.96	92.8	2.81	1.68	67.3	11.58	8.06	43.7
Missouri.....	59.35	30.39	28.96	95.3	41.80	20.46	21.34	104.3	7.81	4.37	78.7	1.47	0.84	75.0	8.26	4.72	75.0
North Dakota.....	34.29	16.42	17.87	108.8	25.69	11.15	14.54	130.4	3.25	1.64	98.2	1.54	0.90	71.1	3.81	2.73	39.6
South Dakota.....	44.82	15.60	29.22	187.3	34.69	9.92	24.77	249.7	3.94	1.62	143.2	1.30	0.64	103.1	4.89	3.42	43.0
Nebraska.....	53.85	25.01	28.84	115.3	41.80	16.27	25.53	156.9	5.15	3.04	69.4	1.15	0.83	38.6	5.75	4.86	18.3
Kansas.....	47.01	20.74	26.27	126.7	35.45	12.77	22.68	177.6	4.60	2.68	71.6	1.11	0.71	56.3	5.84	4.58	27.5
SOUTH ATLANTIC:																	
Delaware.....	60.82	38.17	22.65	59.3	33.63	22.29	11.34	50.9	17.54	10.00	75.4	3.09	2.02	53.0	6.56	3.86	69.9
Maryland.....	56.59	39.58	17.01	43.0	32.32	23.28	9.04	38.8	15.48	10.60	46.0	2.35	1.67	40.7	6.44	4.03	59.8
District of Columbia	1,308.08	1,358.86	39.22	2.9	1,186.53	1,142.68	43.85	3.8	171.10	185.39	-7.7	15.23	16.03	-5.0	25.21	14.76	70.8
Virginia.....	32.06	16.25	15.81	97.3	20.24	10.08	10.16	100.8	7.05	3.56	98.0	0.93	0.50	86.0	3.84	2.11	82.0
West Virginia.....	31.39	19.14	12.25	64.0	20.65	12.60	8.05	63.9	5.72	3.19	79.3	0.70	0.47	48.9	4.32	2.87	50.5
North Carolina.....	23.96	10.28	13.68	133.1	15.29	6.24	9.05	145.0	5.06	2.32	113.1	0.82	0.40	105.0	2.79	1.32	111.4
South Carolina.....	29.02	10.98	18.04	164.3	19.89	7.14	12.75	178.6	4.74	1.93	145.6	1.04	0.47	121.3	3.34	1.44	131.9
Georgia.....	21.54	8.65	12.89	149.0	13.74	5.25	8.49	161.7	4.04	1.70	137.6	0.78	0.37	110.8	2.98	1.33	124.1
Florida.....	27.25	12.36	14.89	120.5	17.84	7.06	10.78	152.7	4.65	2.29	103.1	0.85	0.45	88.9	3.92	2.56	53.1
EAST SOUTH CENTRAL:																	
Kentucky.....	34.87	21.43	13.44	62.7	21.83	13.24	8.59	64.9	6.80	4.14	64.3	0.94	0.70	34.3	5.29	3.35	57.9
Tennessee.....	30.56	16.77	13.79	82.2	18.53	9.93	8.60	86.6	5.44	3.10	75.5	1.06	0.75	41.3	5.52	2.99	84.6
Alabama.....	17.85	8.67	9.18	105.9	10.46	4.84	5.62	116.1	3.44	1.67	106.0	0.79	0.42	88.1	3.16	1.75	80.6
Mississippi.....	22.97	11.20	11.77	105.1	13.69	6.30	7.39	117.3	4.32	2.04	111.8	0.91	0.52	75.0	4.05	2.34	73.1
WEST SOUTH CENTRAL:																	
Arkansas.....	22.97	10.90	12.07	110.7	14.13	6.32	7.81	123.6	3.63	1.81	100.6	0.97	0.53	83.0	4.25	2.25	88.9
Louisiana.....	28.85	17.95	10.90	60.7	17.99	9.74	8.25	84.7	4.76	3.02	57.6	1.82	2.58	-29.5	4.28	2.61	64.0
Oklahoma.....	31.82	12.07	19.75	163.6	22.49	6.50	15.99	246.0	3.11	0.93	234.4	0.94	0.46	104.3	5.28	4.19	26.0
Texas.....	19.73	7.65	12.08	157.9	14.53	4.70	9.83	209.1	1.87	0.80	133.8	0.51	0.24	112.5	2.83	1.91	48.2
MOUNTAIN:																	
Montana.....	25.68	9.95	15.73	158.1	16.74	4.45	12.29	276.2	1.83	0.79	131.6	0.78	0.31	151.6	6.32	4.40	43.6
Idaho.....	57.79	20.99	36.80	175.3	41.63	11.07	30.56	276.1	4.75	2.13	123.0	1.98	1.03	92.2	9.42	6.76	39.3
Wyoming.....	19.57	8.31	11.26	135.5	10.41	2.88	7.53	261.5	1.05	0.43	144.2	0.43	0.17	152.9	7.68	4.82	59.3
Colorado.....	36.32	17.00	19.32	113.6	26.81	9.54	17.27	181.0	3.38	1.69	100.0	0.95	0.50	90.0	5.18	5.27	-1.7
New Mexico.....	14.15	10.48	3.67	35.0	8.77	3.38	5.39	159.5	1.16	0.69	68.1	0.37	0.22	68.2	3.86	6.18	-37.5
Arizona.....	60.26	15.50	44.76	288.8	33.97	5.90	28.07	475.8	3.96	1.17	238.5	1.43	0.40	257.5	20.90	8.03	160.3
Utah.....	44.38	18.26	26.12	143.0	29.28	9.75	19.53	200.3	5.32	2.59	105.4	1.32	0.71	85.9	8.47	5.22	62.3
Nevada.....	22.25	11.18	11.07	99.0	12.99	5.17	7.82	151.3	1.60	0.91	75.8	0.58	0.35	65.7	7.08	4.74	49.4
PACIFIC:																	
Washington.....	54.43	16.95	37.48	221.1	44.18	11.68	32.50	278.3	4.66	1.92	142.7	1.43	0.74	93.2	4.17	2.61	59.8
Oregon.....	45.21	17.15	28.06	163.6	35.23	11.23	24.00	213.7	3.76	1.91	96.9	1.13	0.65	73.8	5.09	3.37	51.0
California.....	57.81	27.63	30.18	109.2	47.16	21.87	25.29	115.6	4.78	2.69	77.7	1.31	0.74	77.0	4.57	2.33	96.1



## ABSTRACT OF THE CENSUS—AGRICULTURE.

FARM LAND AND FARM PROPERTY—AVERAGES PER FARM, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 13

DIVISION OR STATE.	AVERAGE ACRES PER FARM.				AVERAGE VALUE PER FARM.									
	All farm land.		Improved land.		All farm property.		Land.		Buildings.		Implements and machinery.		Live stock.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>United States</b> .....	138.1	146.2	75.2	72.2	\$6,444	\$3,563	\$4,476	\$2,276	\$994	\$620	\$199	\$131	\$774	\$536
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.....	104.4	107.1	38.4	42.4	4,593	3,333	2,024	1,477	1,782	1,276	209	190	519	390
Middle Atlantic.....	92.2	92.4	62.6	63.4	6,319	4,759	3,122	2,512	2,094	1,501	358	239	745	506
East North Central.....	105.0	102.4	79.2	76.3	9,007	5,004	6,437	3,498	1,462	827	239	147	869	532
West North Central.....	209.6	189.5	148.0	127.9	12,195	5,488	9,057	3,670	1,407	715	332	186	1,398	917
South Atlantic.....	93.3	108.4	43.6	47.9	2,654	1,511	1,094	935	542	319	88	55	330	202
East South Central.....	78.2	89.9	42.2	44.5	2,094	1,324	1,273	784	394	250	72	54	354	236
West South Central.....	179.3	233.8	61.8	52.7	4,069	2,146	2,880	1,264	437	245	127	103	625	534
Mountain.....	324.5	457.9	86.8	82.9	9,581	5,934	6,402	2,803	791	538	269	186	2,119	2,406
Pacific.....	270.3	334.8	116.1	132.5	14,643	7,864	11,829	5,953	1,221	798	350	241	1,242	871
<b>NEW ENGLAND:</b>														
Maine.....	104.9	106.2	39.3	40.3	3,320	2,064	1,441	832	1,219	795	241	148	419	289
New Hampshire.....	120.1	123.1	34.3	36.7	3,833	2,927	1,646	1,211	1,530	1,181	217	176	440	360
Vermont.....	142.6	142.7	50.0	64.2	4,445	3,276	1,785	1,384	1,657	1,125	311	228	692	539
Massachusetts.....	77.9	83.4	31.5	34.3	6,135	4,843	2,859	2,305	2,401	1,885	313	234	562	419
Rhode Island.....	83.8	82.9	33.7	34.1	6,234	4,909	2,836	2,441	2,442	1,765	337	231	619	472
Connecticut.....	81.5	85.8	36.9	39.5	5,944	4,205	2,693	1,946	2,466	1,669	258	184	528	406
<b>MIDDLE ATLANTIC:</b>														
New York.....	102.2	99.9	68.8	68.8	6,732	4,718	3,283	2,431	2,212	1,486	388	247	849	554
New Jersey.....	76.9	82.0	53.9	57.1	7,610	5,470	3,707	2,694	2,777	1,998	391	269	734	508
Pennsylvania.....	84.8	86.4	57.8	58.9	5,715	4,690	2,875	2,566	1,873	1,440	323	227	645	457
<b>EAST NORTH CENTRAL:</b>														
Ohio.....	88.6	88.5	70.7	69.5	6,994	4,333	4,727	2,953	1,354	793	188	132	725	455
Indiana.....	98.8	97.4	78.6	75.2	8,396	4,410	6,164	3,099	1,235	694	190	123	807	494
Illinois.....	129.1	124.2	111.4	104.9	15,505	7,588	12,270	5,732	1,717	952	293	170	1,226	734
Michigan.....	91.5	86.4	62.0	58.0	5,261	3,396	2,973	2,084	1,381	782	241	142	666	389
Wisconsin.....	118.9	117.0	67.2	66.2	7,978	4,781	5,148	3,125	1,636	916	299	172	895	567
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....	177.3	169.7	125.8	119.2	9,456	5,100	6,527	3,616	1,558	713	335	195	1,035	576
Iowa.....	156.3	151.2	135.9	130.8	17,259	8,023	12,910	5,497	2,098	1,053	440	253	1,811	1,229
Missouri.....	124.8	119.3	88.7	80.4	7,405	3,626	5,216	2,441	975	521	183	100	1,031	564
North Dakota.....	382.3	342.9	275.1	212.8	13,109	5,631	9,822	3,824	1,241	561	590	310	1,456	936
South Dakota.....	335.1	362.4	203.8	214.5	15,018	5,654	11,625	3,596	1,320	588	435	232	1,639	1,238
Nebraska.....	297.8	246.1	188.0	151.7	16,038	6,155	12,450	4,004	1,533	749	341	205	1,714	1,196
Kansas.....	244.0	240.7	168.2	144.7	11,467	4,992	8,648	3,074	1,122	644	272	170	1,426	1,103
<b>SOUTH ATLANTIC:</b>														
Delaware.....	95.9	110.1	65.8	77.8	5,830	4,201	3,224	2,454	1,681	1,101	296	222	629	424
Maryland.....	103.4	112.4	68.6	76.4	5,849	4,448	3,341	2,616	1,600	1,191	242	187	666	454
District of Columbia.....	27.9	31.6	23.7	22.1	39,062	42,882	33,152	36,060	4,781	5,850	426	506	704	466
Virginia.....	105.9	118.6	53.6	60.1	3,397	1,927	2,145	1,195	747	423	98	59	407	250
West Virginia.....	103.7	114.7	57.1	59.2	3,255	2,196	2,142	1,446	593	366	73	54	448	329
North Carolina.....	88.4	101.3	34.7	37.1	2,119	1,041	1,352	632	447	235	73	40	247	134
South Carolina.....	76.6	90.0	34.6	37.2	2,223	989	1,523	642	363	174	80	43	256	130
Georgia.....	92.6	117.5	42.3	47.2	1,995	1,016	1,273	616	374	200	72	44	276	157
Florida.....	105.0	106.9	36.1	37.0	2,863	1,321	1,874	755	488	244	89	48	412	274
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.....	85.6	93.7	55.4	58.6	2,986	2,007	1,869	1,241	583	387	80	65	453	314
Tennessee.....	81.5	90.6	44.3	45.6	2,490	1,519	1,510	899	444	281	87	68	450	271
Alabama.....	78.9	92.7	36.9	38.8	1,408	804	825	449	271	154	62	39	250	162
Mississippi.....	67.6	82.6	32.8	34.4	1,554	925	926	520	292	168	62	44	274	193
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	81.1	93.1	37.6	38.9	1,864	1,015	1,146	588	294	168	79	49	345	210
Louisiana.....	86.6	95.4	43.8	40.2	2,499	1,712	1,558	929	413	288	157	246	371	249
Oklahoma.....	151.7	121.9	92.3	79.4	4,828	2,570	3,413	1,383	471	198	142	97	801	891
Texas.....	269.1	357.2	65.5	55.6	5,311	2,733	3,909	1,680	503	285	136	85	763	683
<b>MOUNTAIN:</b>														
Montana.....	516.7	885.9	138.9	129.9	13,269	8,815	8,651	3,939	948	700	402	275	3,268	3,901
Idaho.....	171.5	183.4	90.2	80.9	9,911	3,850	7,140	2,031	815	391	340	188	1,616	1,240
Wyoming.....	777.6	1,333.0	114.3	130.0	15,217	11,071	8,092	3,845	820	579	334	224	5,971	6,423
Colorado.....	293.1	383.6	93.2	92.1	10,645	6,520	7,858	3,658	990	648	277	192	1,520	2,022
New Mexico.....	315.9	416.8	41.1	26.6	4,469	4,367	2,770	1,407	365	290	116	93	1,219	2,577
Arizona.....	135.1	333.2	38.0	43.8	8,142	5,163	4,590	1,965	535	390	194	132	2,823	2,676
Utah.....	156.7	212.4	63.1	53.2	6,957	3,878	4,590	2,070	833	549	206	151	1,328	1,108
Nevada.....	1,009.6	1,174.7	279.7	262.3	22,462	13,129	13,119	6,079	1,611	1,071	586	407	7,145	5,572
<b>PACIFIC:</b>														
Washington.....	208.4	256.0	113.4	104.4	11,346	4,338	9,208	2,991	971	491	297	189	870	667
Oregon.....	256.8	281.0	93.9	92.9	11,609	4,821	9,048	3,157	964	536	290	182	1,307	946
California.....	316.7	397.4	129.1	164.9	18,308	10,980	14,935	8,691	1,513	1,068	414	294	1,447	928

¹ Includes Indian Territory.



In the North, as shown in Table 14, the average value of a farm with its equipment in 1910 was \$9,507, as compared with \$2,897 in the South and \$12,155 in the West. The West leads the other two sections in the average value per farm of land, of implements and machinery, and of live stock, but the average value of buildings per farm is highest in the North. The average value of a farm is nearly twice as high for the territory west of the Mississippi as for that east of the river, the excess being due to the difference in the average size of farms. In spite of the lower average size of farms, it should be noted that the average value

of buildings per farm is higher east of the Mississippi River than west.

Table 14

SECTION.	ALL FARM PROPERTY.		LAND.		BUILDINGS.		IMPLEMENTS AND MACHINERY.		LIVE STOCK.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States	\$6,444	\$3,563	\$4,476	\$2,276	\$994	\$620	\$199	\$131	\$774	\$536
The North	9,507	5,030	6,618	3,260	1,564	930	296	180	1,029	660
The South	2,897	1,629	1,913	978	461	274	95	69	428	309
The West	12,155	7,059	9,162	4,639	1,009	690	310	218	1,673	1,512
East of Mississippi	4,849	3,067	3,122	1,926	1,010	665	168	115	549	362
West of Mississippi	9,630	4,448	6,672	2,902	969	540	249	159	1,140	847

## FARMS AND FARM PROPERTY: 1850 TO 1910.

United States as a whole.—Table 15 shows, for the United States as a whole, the population, number and acreage of farms, and value of farm property at each census from 1850 to 1910. In considering this table it should be noted that some of the figures are not entirely comparable. There have been some variations from census to census in the definition of farm land and of improved farm land. Moreover, in some of the Western states, land which was formerly free public range, and as such utilized more or less extensively for grazing, has from time to time been brought under private ownership without involving any considerable change in the character or extent of the agricultural operations. This transfer of unimproved grazing land from public to private ownership tends to reduce the proportion of improved land to total land

in farms. Again, the comparability of the figures regarding the number of farms is affected by the changes in respect to the management of plantations in the South which followed the Civil War. Prior to the war plantations were ordinarily worked by slave or hired labor and were reported as single units, while after the war they came more and more to be parceled out to tenants, whose holdings are reported by the census as separate farms, even though they may be operated under a thoroughgoing supervision on the part of the owner of the plantation or his representative. Notwithstanding these qualifications, however, the data presented in the table are sufficiently comparable to indicate in a broad way the agricultural progress of the country during the past 60 years.

## FARMS, FARM LAND, AND FARM PROPERTY OF THE UNITED STATES: 1850 TO 1910.

Table 15	1910	1900	1890	1880	1870	1860	1850
Population	91,972,206	75,994,575	62,947,714	50,155,783	38,558,371	31,443,321	23,191,876
Number of farms	6,361,502	5,737,372	4,564,641	4,008,907	2,650,985	2,044,077	1,449,073
Land area of the country	1,903,289,600	1,903,461,760	1,903,337,600	1,903,337,600	1,903,337,600	1,903,337,600	1,884,375,680
Land in farms	878,798,325	838,591,774	623,218,619	536,081,835	407,735,041	407,212,538	293,560,614
Improved land in farms	478,451,750	414,498,487	357,616,755	284,771,042	188,921,099	163,110,720	113,032,614
Average acreage per farm	138.1	146.2	136.5	133.7	153.3	199.2	202.6
Average improved acreage per farm	75.2	72.2	78.3	71.0	71.0	79.8	78.0
Per cent of total land area in farms	46.2	44.1	32.7	28.2	21.4	21.4	15.6
Per cent of land in farms improved	54.4	49.4	57.4	53.1	46.3	40.1	38.5
Per cent of total land area improved	25.1	21.8	18.8	15.0	9.9	8.6	6.0
Value of farm property, total	\$40,991,449,090	\$30,439,901,164	\$16,082,267,689	\$12,180,501,538	\$8,944,857,749	\$7,980,493,063	\$3,967,343,580
Land and buildings	34,801,125,697	16,614,647,491	13,279,252,649	10,197,096,776	7,444,054,462	6,645,045,007	3,271,575,426
Implements and machinery	1,265,149,783	749,775,970	494,247,467	406,520,055	270,913,678	246,118,141	151,587,638
Domestic animals, poultry, and bees	4,925,173,610	3,075,477,703	2,308,767,573	1,576,884,707	1,229,889,609	1,089,329,915	544,180,516
Average value of all property per farm	\$6,444	\$3,563	\$3,523	\$3,038	\$3,363	\$3,904	\$2,738
Average value of all property per acre of land in farms	\$46.64	\$24.37	\$25.81	\$22.7	\$21.94	\$19.60	\$13.51
Average value of land and buildings per acre	\$39.60	\$19.81	\$21.31	\$19.0	\$18.26	\$16.32	\$11.14

Table 16, on page 282, shows the increase since 1850 in the number of farms, in the total farm acreage, in improved farm acreage, and in the value of farm property.

The greatest increase in the number of farms and also in the improved farm acreage took place in the decade 1870 to 1880, but the greatest increase in the total farm acreage was in the decade 1890 to 1900, and by far the greatest increase in the value of farm property was in the last decade, 1900 to 1910.

Comparisons of the two 30-year periods show that, while from 1850 to 1880 the agricultural industry more than kept pace with the population, it has on the whole failed to do so since 1880. The population increased 116.3 per cent between 1850 and 1880, and improved farm land increased 151.9 per cent; but from 1880 to 1910 population increased 83.4 per cent and improved farm land only 68 per cent. It is possible that the figures for acreage of farms and improved acreage in 1880 are, in some measure, out of line with



those for both the earlier and the later censuses, as the definitions used at that census were unusually broad, but the degree of incomparability, if any, is not sufficient to affect materially the general conclusions just stated.

Table 16

Table 16	INCREASE.					
	PERIOD.	Popula- tion.	Number of farms.	Acreage.		Value of farm property.
				Land in farms.	Improved land in farms.	
1900-1910 .....	15,977,691	624,130	40,206,551	63,953,263	\$20,551,547,926	
1890-1900 .....	13,046,961	1,172,731	215,373,155	56,881,732	4,357,633,475	
1880-1890 .....	12,791,931	555,734	87,136,784	72,845,713	3,901,766,151	
1870-1880 .....	11,597,412	1,348,922	128,346,794	95,849,943	3,235,643,789	
1860-1870 .....	7,115,030	615,908	522,503	25,810,379	964,364,686	
1850-1860 .....	8,251,445	595,004	113,651,924	50,078,106	4,013,149,483	
1880-1910:						
Amount.....	41,816,483	2,352,595	342,716,490	193,680,708	28,810,947,552	
Per cent.....	83.4	58.7	63.9	68.0	236.5	
1850-1880:						
Amount.....	26,963,907	2,559,834	242,521,221	171,738,428	8,213,157,958	
Per cent.....	116.3	176.7	82.6	151.9	207.0	
1850-1910:						
Amount.....	68,780,390	4,912,429	585,237,711	365,419,136	37,024,105,510	
Per cent.....	296.6	339.0	199.4	323.3	933.2	

The proportion of the total area of the country represented by farm land has steadily increased from census to census. It was 15.6 per cent in 1850 and 46.2 per cent in 1910. The most marked increase in this percentage took place between 1890 and 1900, and was due largely to bringing into farms great areas of land which had formerly been free public range. The proportion of farm land improved increased steadily from 38.5 per cent in 1850 to 57.4 per cent in 1890, but because of the fact just stated it fell off by 1900, and even in 1910 was somewhat lower than in 1890, being 54.4 per cent. The proportion of the total land area of the country represented by improved farm land has risen steadily from 6 per cent in 1850 to 25.1 per cent in 1910.

The average size of farms fell from 202.6 acres in 1850 to 133.7 acres in 1880, this decline being due in part to the breaking up of plantations in the South, previously referred to. From 1880 to 1900, on account of the inclusion in large ranches of land which had formerly been free public domain, the average size of farms increased somewhat, reaching 146.2 acres in 1900, since which time it has again decreased on account of the breaking up of ranches and the further subdivision of plantations in the South. The average acreage of improved land per farm has been comparatively stationary from census to census; it was 78 acres in 1850 and 75.2 acres in 1910.

The value of farm property in 1910 was considerably more than ten times as great as in 1850, but more than half of the total increase has taken place in the last decade alone. The increase in farm values was very rapid from 1850 to 1860, and from that time was more gradual until 1900.

The average value of farm property per acre of land in farms in 1910 was nearly three and one-half times as great as in 1850. The increase was very rapid from 1850 to 1860, but was comparatively slight during the next three decades. The average was actually lower in 1900 than in 1890, but an extraordinary increase appeared at the census of 1910.

**Farms and farm property, by geographic divisions.**—Tables 17 and 18 show the changes with regard to farms and farm property in each of the nine geographic divisions from 1850 to 1910. In considering these tables, due regard should be given to the conditions above referred to as affecting the comparability of the statistics.

The most conspicuous feature of the statistics in these tables is the movement of agriculture toward the West. New England has actually less improved land in farms at present than it had in 1850. The acreage of farm land and of improved land in the Middle Atlantic division reached its maximum in 1880 and has since declined. The East North Central division showed very rapid increases from 1850 to 1880, but only a moderate increase since that time. The acreage of farm land in the South Atlantic division was less in 1910 than in 1860, although improved land had increased appreciably. On the other hand, the four divisions west of the Mississippi have shown, as might be expected, extraordinary increases from census to census.

In the average acreage of land per farm remarkable changes have taken place in the South and in the West. On account chiefly of the division of plantations into tenant holdings, the average farm in the three southern divisions combined was less than one-half as large in 1880 as it had been in 1850. The average size of farms in the Mountain division increased rapidly from 1850 to 1900 on account of the bringing of previously public land into large ranges. On the other hand, in the Pacific states, or more specifically in California, great tracts of land were already in 1850 included in privately owned ranches, and these have from time to time been broken up, reducing the average size.

The most striking feature of the table with regard to farm values is the decline in such values in the Southern states between 1860 and 1870, due to the disastrous effect of the Civil War. On the other hand, in the Northern states quite generally there was a decided increase in the value of farm property during the decade of the war. It was not until 1900 that the aggregate value of farm property in the East South Central division again reached the figure reported in 1860, and the recovery in the South Atlantic division took almost as long. The marked decline in the average value of a farm with its equipment in the Southern states after 1860 was partly due to the decline in the value of property per acre following the war and partly to the breaking up of plantations.



# FARMS AND FARM PROPERTY.

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FARMS, LAND IN FARMS, AND POPULATION, WITH INCREASES, AND AVERAGES AND PERCENTAGES, BY GEOGRAPHIC DIVISIONS: 1850 TO 1910.

[A minus sign (—) denotes decrease.]

Table 17

Table 17															
GEOGRAPHIC DIVISION.	POPULATION.		NUMBER OF FARMS.		ALL LAND IN FARMS.		IMPROVED LAND IN FARMS.		PER CENT OF UNITED STATES TOTAL IN EACH DIVISION.			Per cent land in farms forms of total land area.	Per cent of farm land improved.	AVERAGE ACRES PER FARM.	
	Number.	Per cent of increase.	Number.	Per cent of increase.	Acres.	Per cent of increase.	Acres.	Per cent of increase.	Number of farms.	All farm land.	Im- proved farm land.			All farm land.	Im- proved farm land.
UNITED STATES															
1910.....	91,972,268	21.0	6,361,502	10.9	878,798,325	4.8	478,451,750	15.4	100.00	100.00	100.00	46.2	54.4	138.1	75.2
1900.....	75,994,575	20.7	5,737,372	25.7	838,591,774	34.6	414,498,487	15.9	100.00	100.00	100.00	44.1	49.4	146.2	72.2
1890.....	62,947,714	25.5	4,564,641	13.9	623,218,619	16.3	357,616,755	25.6	100.00	100.00	100.00	32.7	57.4	136.5	78.3
1880.....	50,155,783	30.1	4,008,907	50.7	536,081,835	31.5	284,771,042	50.7	100.00	100.00	100.00	28.2	53.1	133.7	71.0
1870.....	38,558,371	22.6	2,659,985	30.1	407,735,041	0.1	188,921,099	15.8	100.00	100.00	100.00	21.4	46.3	153.3	71.0
1860.....	31,443,321	35.6	2,044,077	41.1	407,212,538	38.7	163,110,720	44.3	100.00	100.00	100.00	21.4	40.1	199.2	79.8
1850.....	23,191,876	.....	1,449,073	.....	293,540,614	.....	113,032,614	.....	100.00	100.00	100.00	15.6	38.5	202.6	78.0
GEOGRAPHIC DIVISIONS															
NEW ENGLAND.															
1910.....	6,552,681	17.2	188,802	-1.6	19,714,931	-4.1	7,254,904	-10.8	2.97	2.24	1.52	49.7	36.8	104.4	38.4
1900.....	5,592,017	19.0	191,888	1.0	20,548,999	4.0	8,134,403	-24.3	3.34	2.45	1.96	51.8	39.6	107.1	42.4
1890.....	4,700,749	17.2	189,961	-8.3	19,755,584	-8.0	10,738,930	-18.3	4.16	3.17	3.00	49.8	54.4	104.0	56.5
1880.....	4,010,529	15.0	207,232	14.7	21,483,772	9.8	13,148,466	9.6	5.17	4.01	4.62	54.2	61.2	103.7	63.4
1870.....	3,487,624	11.2	180,649	-1.8	19,599,863	-2.7	11,997,540	-1.8	6.79	4.80	6.35	49.3	61.3	108.3	66.4
1860.....	3,135,283	14.9	183,942	9.7	20,110,922	9.5	12,215,771	9.6	9.00	4.94	7.49	50.7	60.7	109.3	66.4
1850.....	2,728,116	.....	167,651	.....	18,367,458	.....	11,150,594	.....	11.57	6.26	9.86	46.3	60.7	109.6	66.5
MIDDLE ATLANTIC.															
1910.....	19,315,892	25.0	468,379	-3.5	43,191,056	-3.7	29,320,894	-4.8	7.36	4.91	6.13	67.5	67.9	92.2	62.6
1900.....	15,454,678	21.6	485,618	3.6	44,860,090	4.4	30,786,211	-2.6	8.46	5.35	7.43	70.1	68.6	92.4	63.4
1890.....	12,706,220	21.0	468,608	-4.2	42,987,941	-7.6	31,599,094	-4.9	10.27	6.90	8.84	67.2	73.5	91.7	67.4
1880.....	10,496,878	19.1	488,907	16.1	46,501,868	7.7	33,237,166	14.1	12.20	8.67	11.67	72.7	71.5	95.1	68.0
1870.....	8,810,896	18.1	420,946	10.5	43,174,521	5.4	29,119,645	8.8	15.83	10.59	15.41	67.5	67.4	102.6	69.2
1860.....	7,438,985	26.4	380,993	18.3	40,970,623	11.3	26,766,140	17.4	18.64	10.06	16.41	64.0	65.3	107.5	70.3
1850.....	5,898,735	.....	322,103	.....	36,795,377	.....	22,805,574	.....	22.23	12.53	20.18	57.5	62.0	114.2	70.8
EAST NORTH CENTRAL.															
1910.....	18,250,621	14.2	1,123,489	-1.1	117,929,148	1.4	88,947,228	2.6	17.66	13.42	18.59	75.0	75.4	105.0	79.2
1900.....	15,985,581	18.6	1,135,823	12.6	116,340,761	10.0	86,670,271	10.0	19.80	13.87	20.91	74.1	74.5	102.4	76.3
1890.....	13,478,305	20.3	1,009,031	2.4	105,786,825	(1)	78,774,647	4.2	22.10	16.97	22.03	67.4	74.5	104.8	78.1
1880.....	11,206,668	22.8	985,273	29.3	105,784,212	21.0	75,589,373	37.7	24.58	19.73	26.54	67.4	71.5	107.4	76.7
1870.....	9,124,517	31.7	761,735	29.8	87,449,392	20.3	54,899,646	33.3	28.64	21.45	29.06	55.7	62.8	114.8	72.1
1860.....	6,926,884	53.1	586,717	59.4	72,696,843	44.8	41,186,414	79.8	28.70	17.85	25.25	46.3	56.7	123.9	70.2
1850.....	4,523,260	.....	368,177	.....	50,188,875	.....	22,912,190	.....	25.41	17.10	20.27	32.0	45.7	136.3	62.2
WEST NORTH CENTRAL.															
1910.....	11,637,921	12.5	1,109,948	4.6	232,648,121	15.7	164,284,862	21.1	17.45	26.47	34.34	71.2	70.6	200.6	148.0
1900.....	10,347,423	15.8	1,060,744	16.0	201,008,713	33.3	135,643,828	28.6	18.49	23.97	32.72	61.5	67.5	189.5	127.9
1890.....	8,932,112	45.1	914,791	28.4	150,800,169	49.0	105,517,479	72.3	20.04	24.20	29.50	46.1	70.0	164.8	115.3
1880.....	6,157,443	59.7	712,695	96.1	101,197,945	95.5	61,252,946	160.5	17.78	18.88	21.51	31.0	60.5	142.0	85.9
1870.....	3,856,594	77.7	363,343	95.9	51,765,877	47.1	23,509,863	111.4	13.66	12.70	12.44	15.8	45.4	142.5	64.7
1860.....	2,169,832	146.5	185,448	167.1	35,202,747	181.7	11,122,285	195.2	9.07	8.64	6.82	7.7	31.6	189.8	60.0
1850.....	880,335	.....	69,420	.....	12,497,615	.....	3,768,142	.....	4.79	4.26	3.33	6.8	30.2	180.0	54.3
SOUTH ATLANTIC.															
1910.....	12,194,895	16.8	1,111,881	15.6	103,782,255	-0.5	48,479,733	5.2	17.48	11.81	10.13	60.3	46.7	93.3	43.6
1900.....	10,443,480	17.9	962,225	28.4	104,297,506	4.1	46,160,226	10.6	16.77	12.44	11.12	60.6	44.2	108.4	47.9
1890.....	8,857,922	16.6	749,600	16.3	100,157,573	-1.2	41,677,371	15.2	16.42	16.07	11.65	58.2	41.6	133.6	55.6
1880.....	7,597,197	29.8	644,429	72.3	101,419,563	12.4	36,170,331	19.8	16.07	18.92	12.70	58.9	35.7	157.4	56.1
1870.....	5,853,610	9.1	374,102	23.9	90,213,055	-15.3	30,202,991	-13.5	14.06	22.13	15.99	52.4	33.5	241.1	80.7
1860.....	5,364,703	14.7	301,940	21.7	106,520,771	14.0	34,990,942	16.3	14.77	26.16	21.40	61.9	32.8	352.8	115.6
1850.....	4,679,090	.....	248,196	.....	93,401,610	.....	30,009,323	.....	17.13	31.82	26.55	54.2	32.1	376.3	120.9
EAST SOUTH CENTRAL.															
1910.....	8,409,901	11.4	1,042,480	15.4	81,520,629	0.3	43,946,846	9.2	16.39	9.28	9.19	71.0	53.9	78.2	42.2
1900.....	7,547,757	17.4	903,313	37.7	81,247,643	2.8	40,237,337	12.6	15.74	9.69	9.71	70.7	49.5	89.9	44.5
1890.....	6,429,154	15.1	655,766	15.1	78,999,359	2.8	35,729,170	15.9	14.37	12.68	9.99	68.8	45.2	120.5	54.5
1880.....	5,585,151	26.8	569,739	53.2	70,872,951	15.9	30,820,882	27.3	14.21	14.34	10.82	66.9	40.1	134.9	64.1
1870.....	4,494,445	9.5	371,968	37.2	66,323,611	-11.3	24,218,478	-6.5	13.98	16.27	12.82	57.7	36.5	178.3	65.1
1860.....	4,020,991	19.6	271,150	21.4	74,776,655	27.7	25,891,024	36.1	13.27	18.36	15.87	65.1	34.6	275.8	95.5
1850.....	3,363,271	.....	223,436	.....	58,561,870	.....	19,023,415	.....	15.42	19.95	16.83	51.0	32.5	282.1	85.1
WEST SOUTH CENTRAL.															
1910.....	8,784,534	34.5	943,186	24.9	169,149,976	-4.2	58,264,273	46.5	14.83	19.25	12.18	61.5	34.4	179.3	61.8
1900.....	6,532,290	37.8	754,853	75.1	176,491,202	127.9	39,770,530	30.1	13.16	21.05	9.59	64.2	22.5	233.8	52.7
1890.....	4,740,983	42.2	431,006	36.0	77,448,935	36.8	30,559,654	61.0	9.44	12.43	8.55	28.2	39.5	179.7	70.9
1880.....	3,334,220	64.2	316,909	127.9	56,627,272	71.5	18,985,889	176.3	7.90	10.56	6.67	20.6	33.5	178.7	59.9
1870.....	2,029,965	16.2	139,030	40.1	33,019,636	-25.3	6,870,297	-6.4	5.23	8.10	3.64	12.0	20.8	237.5	49.4
1860.....	1,747,667	85.9	99,223	128.7	44,216,310	131.7	7,341,202	143.4	4.85	10.86	4.50	16.1	16.6	445.6	74.0
1850.....	940,251	.....	43,378	.....	19,083,596	.....	3,015,531	.....	2.99	6.50	2.67	6.9	15.8	439.9	69.5
MOUNTAIN.															
1910.....	2,633,517	57.3	183,446	81.0	59,533,420	28.3	15,915,002	89.4	2.88	6.77	3.33	10.8	26.7	324.5	86.8
1900.....	1,674,657	38.0	101,327	105.1	46,297,284	214.2	8,402,576	53.9	1.77	5.53	2.03	8.4	18.1	457.9	82.9
1890.....	1,213,935	85.9	49,398	97.3	14,765,862	271.3	5,460,739	146.7	1.08	2.37	1.53	2.7	37.0	288.9	110.5
1880.....	653,119	107.1	25,043	81.8	3,976,377	126.8	2,213,300	284.1	0.62	0.74	0.78	0.7	55.7	158.8	88.4
1870.....	315,385	80.3	13,774	56.3	1,753,590	12.3	1,753,590	139.5	0.52	0.43	0.30	0.3	32.9	127.3	41.8
1860.....	174,923	139.9	8,812	88.5	1,560,938	362.6	240,625	31.8	0.43	0.38	0.15	0.5	15.4	177.1	27.3
1850.....	72,927	.....	4,676	.....	337,420	.....	182,534	.....	0.32	0.11	0.16	0.1	54.1	72.2	39.0
PACIFIC.															
1910.....	4,192,304	73.5	189,891	34.1	51,328,789	8.3	22,038,008	17.5	2.98	5.84	4.61				



## VALUE OF FARM PROPERTY WITH INCREASES, AND AVERAGE VALUE PER FARM, AND PER ACRE OF FARM LAND, BY GEOGRAPHIC DIVISIONS: 1850 TO 1910.

[A minus sign (-) denotes decrease.]

Table 18	ALL FARM PROPERTY.				LAND AND BUILDINGS.				IMPLEMENTS AND MACHINERY.				LIVE STOCK.				
	GEOGRAPHIC DIVISION.	Value.	Per cent of increase.	Average value.		Value.	Per cent of increase.	Average value.		Value.	Per cent of increase.	Average value.		Value.	Per cent of increase.	Average value.	
				Per farm.	Per acre.			Per farm.	Per acre.			Per farm.	Per acre.			Per farm.	Per acre.
UNITED STATES																	
1910.....	\$40,931,449,090	100.5	\$6,444	\$46.61	\$34,801,125,697	109.5	\$5,471	\$39.60	\$1,265,149,783	68.7	\$199	\$1.44	\$4,925,173,610	60.1	\$774	\$5.60	
1900.....	20,439,901,164	27.1	3,563	24.37	16,614,647,491	25.1	2,896	19.81	749,775,970	51.7	131	0.89	3,075,477,703	33.2	536	3.67	
1890.....	16,082,267,689	32.0	3,523	25.81	13,279,232,649	30.2	2,909	21.31	494,247,467	21.6	108	0.79	2,308,767,573	46.4	506	3.70	
1880.....	12,180,501,538	36.2	3,038	22.72	10,197,096,776	37.0	2,544	19.02	406,520,055	50.1	101	0.76	1,576,884,707	28.2	393	2.94	
1870.....	8,944,857,749	12.1	3,363	21.94	7,444,054,482	12.0	2,739	18.26	270,913,678	10.1	102	0.66	1,229,889,609	12.9	462	3.02	
1860.....	7,980,493,063	101.2	3,904	19.60	6,645,045,097	103.1	3,251	16.32	246,118,141	62.4	120	0.60	1,089,329,915	100.2	533	2.68	
1850.....	3,967,343,580	.....	2,738	13.51	3,271,575,426	.....	2,258	11.14	151,587,638	.....	105	0.52	544,180,516	.....	376	1.85	
GEOGRAPHIC DIVISIONS																	
NEW ENGLAND.																	
1910.....	867,240,457	35.6	4,590	43.99	718,544,808	36.0	3,806	36.45	50,798,826	39.0	269	2.58	97,896,823	30.8	519	4.97	
1900.....	639,645,900	9.3	3,333	31.13	528,267,748	7.9	2,753	25.71	36,551,820	53.7	190	1.78	74,826,332	4.0	390	3.64	
1890.....	585,267,817	-12.9	3,081	29.63	489,570,178	-15.7	2,577	24.78	23,783,288	7.6	125	1.20	71,914,351	4.1	379	3.64	
1880.....	671,846,058	18.6	3,242	31.27	580,681,418	24.0	2,802	27.03	22,096,563	22.5	107	1.03	69,068,077	-13.9	333	3.21	
1870.....	566,353,951	0.9	3,135	28.94	468,133,979	-1.7	2,591	23.92	18,042,446	9.6	100	0.92	80,177,526	16.7	444	4.10	
1860.....	561,467,417	29.0	3,052	27.92	476,303,837	27.9	2,589	23.68	16,468,564	27.3	90	0.82	68,695,016	37.8	373	3.42	
1850.....	435,154,525	.....	2,596	23.69	372,348,543	.....	2,221	20.27	12,937,290	.....	77	0.70	49,868,692	.....	297	2.72	
MIDDLE ATLANTIC.																	
1910.....	2,959,589,022	28.1	6,319	68.52	2,442,949,103	25.3	5,216	56.56	167,480,384	44.1	358	3.88	349,159,535	42.1	745	8.08	
1900.....	2,310,886,728	-3.1	4,759	51.51	1,948,997,940	-4.9	4,013	43.45	116,253,270	24.9	239	2.59	245,635,518	15.1	506	5.48	
1890.....	2,384,703,476	-5.5	5,089	55.47	2,049,630,359	-7.8	4,374	47.80	93,084,964	9.5	199	2.17	241,988,153	11.5	516	5.63	
1880.....	2,524,721,419	6.0	5,164	54.29	2,222,761,984	7.9	4,546	47.68	84,986,863	18.6	174	1.83	216,972,572	-13.3	444	4.67	
1870.....	2,381,103,898	25.8	5,057	55.15	2,059,090,179	25.1	4,892	47.69	71,635,120	24.9	170	1.66	250,378,599	32.0	505	5.80	
1860.....	1,892,664,457	51.5	4,968	46.20	1,645,644,038	52.0	4,319	40.17	57,356,104	39.1	151	1.40	189,663,715	50.8	498	4.63	
1850.....	1,249,643,065	.....	3,880	33.96	1,082,660,252	.....	3,361	29.42	41,232,970	.....	128	1.12	125,749,843	.....	390	3.42	
EAST NORTH CENTRAL.																	
1910.....	10,119,128,066	78.0	9,007	85.81	8,873,991,594	80.6	7,899	75.25	268,806,550	61.3	239	2.28	976,329,922	61.5	869	8.28	
1900.....	5,683,925,367	19.6	5,004	48.86	4,912,597,440	19.8	4,325	42.23	166,694,220	31.8	147	1.43	604,633,707	15.5	532	5.20	
1890.....	4,751,184,987	14.3	4,709	44.91	4,101,406,702	13.0	4,065	38.77	126,454,149	5.6	125	1.20	523,324,136	27.8	519	4.95	
1880.....	4,158,388,413	34.5	4,221	39.31	3,629,140,732	37.1	3,683	34.31	119,804,675	41.4	122	1.13	409,443,066	14.0	416	3.87	
1870.....	3,090,625,976	52.3	4,057	35.34	2,646,744,323	52.5	3,475	30.27	84,717,847	49.1	111	0.97	359,163,806	52.0	472	4.11	
1860.....	2,028,817,467	151.8	3,458	27.91	1,735,742,858	158.4	2,958	23.88	56,810,880	86.9	97	0.78	236,263,729	127.8	403	3.25	
1850.....	805,787,277	.....	2,189	16.06	671,678,075	.....	1,824	13.38	30,393,529	.....	83	0.61	103,715,673	.....	282	2.07	
WEST NORTH CENTRAL.																	
1910.....	13,535,309,511	132.5	12,195	58.18	11,614,665,870	149.7	10,464	49.92	368,935,544	86.9	332	1.59	1,551,708,097	59.6	1,398	6.67	
1900.....	5,820,994,481	54.5	5,488	28.96	4,651,282,998	56.7	4,385	23.14	197,367,840	56.9	186	0.98	972,343,643	44.6	917	4.84	
1890.....	3,766,511,744	93.2	4,117	24.98	2,968,360,452	97.8	3,245	19.68	125,771,166	45.5	137	0.83	672,380,126	85.2	733	4.46	
1880.....	1,949,743,846	91.5	2,736	19.27	1,500,300,355	86.4	2,105	14.83	86,428,597	122.4	121	0.85	363,014,894	108.2	609	3.59	
1870.....	1,018,032,607	105.8	2,802	19.67	804,857,937	104.1	2,215	15.55	38,858,215	142.8	107	0.75	174,316,455	106.7	480	3.37	
1860.....	494,589,405	354.2	2,667	14.05	394,270,605	392.6	2,126	11.20	16,005,656	209.6	86	0.45	84,313,144	256.2	455	2.40	
1850.....	108,885,147	.....	1,568	8.71	80,045,058	.....	1,153	6.40	5,170,375	.....	74	0.41	23,669,714	.....	341	1.89	
SOUTH ATLANTIC.																	
1910.....	2,951,200,773	103.0	2,654	28.44	2,486,436,474	106.1	2,236	23.96	98,230,147	84.2	88	0.95	366,534,152	88.6	330	3.53	
1900.....	1,454,031,316	9.0	1,511	13.94	1,206,349,618	6.3	1,254	11.57	53,318,890	46.3	55	0.51	194,362,808	20.3	202	1.86	
1890.....	1,333,395,489	26.6	1,779	13.31	1,135,319,670	27.3	1,515	11.34	36,444,018	18.3	49	0.36	161,631,801	23.8	216	1.61	
1880.....	1,053,156,575	42.2	1,634	10.38	891,774,157	46.1	1,384	8.79	30,812,107	53.9	48	0.30	130,570,311	18.3	203	1.29	
1870.....	740,833,437	-38.6	1,980	8.21	610,428,194	-39.5	1,632	6.77	20,025,259	-41.2	54	0.22	110,379,984	-33.0	295	1.22	
1860.....	1,207,375,444	71.0	3,999	11.33	1,008,613,065	74.9	3,340	9.47	34,045,771	38.1	113	0.32	164,716,608	56.9	546	1.55	
1850.....	706,208,481	.....	2,845	7.56	576,590,583	.....	2,323	6.17	24,650,545	.....	99	0.26	104,961,353	.....	423	1.12	
EAST SOUTH CENTRAL.																	
1910.....	2,182,771,779	82.5	2,094	26.78	1,738,397,839	86.2	1,668	21.32	75,339,333	54.5	72	0.92	369,034,607	73.0	354	4.53	
1900.....	1,195,868,790	13.4	1,324	14.72	933,780,823	12.8	1,034	11.49	48,767,235	55.7	54	0.60	213,329,732	8.9	296	2.63	
1890.....	1,054,730,138	24.6	1,608	13.35	827,514,447	22.1	1,262	10.47	31,323,896	14.1	48	0.40	195,891,795	38.5	299	2.48	
1880.....	846,707,577	20.0	1,486	11.01	677,848,031	24.7	1,190	8.82	27,464,111	40.0	48	0.36	141,396,435	-0.7	248	1.84	
1870.....	705,564,773	-39.6	1,897	10.64	543,550,620	-41.5	1,461	8.20	19,612,753	-39.1	53	0.30	142,401,400	-31.3	383	2.15	
1860.....	1,169,024,049	136.6	4,311	15.63	929,440,929	149.9	3,428	12.43	32,200,055	50.3	119	0.43	207,383,065	103.9	765	2.77	
1850.....	494,085,395	.....	2,211	8.44	371,934,332	.....	1,665	6.35	21,417,837	.....	96	0.37	100,733,226	.....	451	1.72	
WEST SOUTH CENTRAL.																	
1910.....	3,838,154,337	136.9	4,069	22.69	3,128,596,882	174.7	3,317	18.50	119,720,377	53.6	127	0.71	589,837,078	46.3	625	3.49	
1900.....	1,619,954,613	93.8	2,146	9.18	1,138,891,068	85.9	1,509	6.45	77,925,050	188.4	103	0.44	403,138,495	103.4	534	2.28	
1890.....	835,791,560	88.4	1,939	10.79	612,508,151	101.7	1,421	7.91	27,019,876	41.3	63	0.35	195,263,533	62.5	455	2.53	
1880.....	443,589,488	120.2	1,400	7.83	303,707,658	125.4	958	5.96	19,124,518	86.9	60	0.34	120,737,317	113.9	381	1.23	
1870.....	201,412,394	-60.0	1,449	6.10	134,716,055	-65.0	960	4.08	10,234,828	-64.8	74	0.31	56,461,511	-36.9	406	1.71	
1860.....	603,093,122	232.8	5,070	11.38	384,540,755	237.3	3,876	8.70	29,083,003	89.7	253	0.66	89,469,364	217.1	902	3.54	
1850.....	151,172,760	.....	3,485	7.92	107,629,651	.....	2,481	5.64	15,329,938	.....	33	0.80	28,213,171	.....	602	1.48	
MOUNTAIN.																	
1910.....	1,757,573,368	102.3	9,581	29.52	1,319,396,873	289.6	7,192	22.16	49,429,975	162.8	269	0.83	388,746,520	59.4	2,119	6.53	
1900.....	601,250,940	72.0	5,834	12.96	338,619,672	70.6	3,342	7.30	18,807,620	136.0	186	0.41	243,836,888	70.5	2,406	5.26	
1890.....	349,550,181	185.1	7,076	23.67	198,545,200	241.8											



TENURE, MORTGAGE INDEBTEDNESS, COLOR AND NATIVITY OF FARMERS, AND  
SIZE OF FARMS.

**Definitions.**—One of the most important branches of agricultural statistics is that which relates to the distribution of farms and farm property according to the tenure under which the farm operator holds the land. The three main classes of farm operators, on the basis of tenure, are (1) owners, (2) hired managers, and (3) tenants. In some of the tables a distinction is made between owners who operate their own land exclusively and those who rent additional land, while the class of tenants is subdivided into

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1910 in three classes: (1) *Share tenants*—those who pay a certain share of the products, as one-half, one-third, or one-quarter; (2) *share-cash tenants*—those who pay a share of the products for part of the land rented by them and cash for part, as cash for pasture or garden and a share of all the crops grown on plowed land; and (3) *cash tenants*—those who pay a cash rental or a stated amount of labor or products, such as \$7, 10 bushels of wheat, or 100 pounds of seed cotton per acre. All tenants who did not specify whether they rented for cash or for a share of the products, or both, are tabulated as having "tenure not specified."

tenure, with corresponding data for 1900 as far as available. It shows also the acreage of the farms in the three main groups.

Table 1	NUMBER OF FARMS.				ALL LAND IN FARMS (ACRES).				PER CENT OF TOTAL.				
	CLASS OF OPERATOR.	1910	1900	Increase. <sup>1</sup>		1910	1900	Increase. <sup>1</sup>		Number of farms.		Acreage.	
				Number.	Per cent.			Acres.	Per cent.	1910	1900	1910	1900
	All farms.....	6,361,502	5,737,372	624,130	10.9	878,798,325	838,591,774	40,206,551	4.8	100.0	100.0	100.0	100.0
	Owners.....	3,948,722	3,653,323	295,399	8.1	598,554,617	556,040,051	42,514,566	7.6	62.1	63.7	68.1	66.3
	Owning entire farm.....	3,354,897	3,201,947	152,950	4.8	.....	.....	.....	.....	52.7	55.8	.....	.....
	Renting additional land.....	593,825	451,376	142,449	31.6	.....	.....	.....	.....	9.3	7.9	.....	.....
	Managers.....	58,104	59,085	-981	-1.7	53,730,865	87,518,186	-33,787,321	-38.6	0.9	1.0	6.1	10.4
	Tenants.....	2,354,676	2,024,964	329,712	16.3	226,512,843	195,033,537	31,479,306	16.1	37.0	35.3	25.8	23.3
	Share.....	1,399,923	1,273,299	255,090	20.0	.....	.....	.....	.....	22.0	22.2	.....	.....
	Share-cash.....	128,466								2.0			
	Cash.....	712,294								11.2			
	Not reported.....	113,993	751,065	74,022	9.9	.....	.....	.....	.....	1.8	13.1	.....	.....

In the United States as a whole in 1910 substantially five-eighths (62.1 per cent) of the farms were operated by owners and three-eighths (37 per cent) by tenants, the proportion operated by hired managers being less than 1 per cent. Owners "owning entire farm" are more than five times as numerous as owners "renting additional land." In most cases of share-cash tenancy the share feature is the more important, the principal crops being raised on shares.

while only a small amount of land, usually for a home garden or for pasture, is rented on the basis of cash payment. Share-cash tenants were included with share tenants in 1900, while tenants for whom the form of payment was not specified were included with cash tenants. The share and share-cash tenants, as reported, together constituted substantially two-thirds of the entire number of tenants both in 1910 and in 1900.



Between 1900 and 1910 the farms operated by owners increased 8.1 per cent in number, while those operated by tenants increased 16.3 per cent, the small number operated by managers decreasing 1.7 per cent. It may be noted that at least since 1880 (and probably further back also) the farms operated by tenants have in each decade increased faster than those operated by owners. Tenant farms constituted 25.6 per cent of all farms in 1880; 28.4 per cent in 1890; 35.3 per cent in 1900; and 37 per cent in 1910.

The distribution of acreage of farms according to tenure differs somewhat from the distribution of the

number of farms. Farms operated by owners contained 68.1 per cent of the total acreage in 1910; tenant farms, 25.8 per cent; and farms operated by managers, 6.1 per cent. The acreage of farms operated by owners increased 7.6 per cent during the decade 1900 to 1910, while that of tenant farms increased 16.1 per cent. There was a marked decrease in the total acreage of farms operated by managers.

**Main tenure classes, by geographic divisions: 1910 and 1900.**—Table 2 shows the number, total and improved acreage, and value of land and buildings of the farms of the three main tenure groups in each geographic division for 1910 and 1900.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY TENURE OF OPERATOR, WITH PERCENTAGES, BY DIVISIONS: 1910 AND 1900.

Table 2 DIVISION AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		PER CENT OF TOTAL.							
									Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>UNITED STATES</b>																
Total.....	6,361,502	5,737,372	878,798,325	838,591,774	478,451,750	414,498,487	\$34,801,125,087	\$16,614,647,491	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	3,948,722	3,653,323	598,554,617	556,040,051	309,850,421	278,231,252	22,366,934,278	11,091,392,665	62.1	63.7	68.1	66.3	64.8	67.1	64.3	66.8
Managers.....	58,104	59,085	53,730,865	87,518,186	12,314,015	10,909,500	1,456,958,982	774,828,656	0.9	1.0	6.1	10.4	2.6	2.6	4.2	4.7
Tenants.....	2,354,676	2,024,964	226,512,843	195,033,537	156,287,314	125,357,735	10,977,232,427	4,748,426,170	37.0	35.3	25.8	23.3	32.7	30.2	31.5	28.6
<b>NEW ENGLAND.</b>																
Total.....	188,802	191,888	19,714,031	20,548,999	7,254,904	8,134,403	718,544,808	528,267,748	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	168,408	169,194	17,089,125	17,831,187	6,259,844	6,993,008	579,951,343	433,769,770	89.2	88.2	86.7	86.8	85.3	86.0	80.7	82.1
Managers.....	5,379	4,736	1,087,463	794,695	376,404	306,154	81,663,226	42,482,668	2.8	2.5	5.5	3.9	5.2	3.8	11.4	8.0
Tenants.....	15,015	17,958	1,538,343	1,923,117	618,656	835,241	56,930,239	52,015,310	8.0	9.4	7.8	9.4	8.5	10.3	7.9	9.8
<b>MIDDLE ATLANTIC.</b>																
Total.....	468,379	485,618	43,191,056	44,860,090	29,320,894	30,786,211	2,442,949,103	1,948,997,940	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	355,036	354,411	30,283,268	30,522,456	20,288,060	20,652,713	1,594,225,109	1,246,587,320	75.8	73.0	70.1	68.0	69.2	67.1	65.3	64.0
Managers.....	9,072	8,383	1,714,084	1,501,774	910,418	804,706	178,283,750	102,029,260	1.9	1.7	4.0	3.3	3.1	2.6	7.3	5.2
Tenants.....	104,271	122,824	11,193,704	12,835,860	8,122,416	9,328,792	670,440,244	600,381,360	22.3	25.3	25.9	28.6	27.7	30.3	27.4	30.8
<b>EAST NORTH CENTRAL.</b>																
Total.....	1,123,489	1,135,823	117,929,148	116,340,761	88,947,228	86,670,271	8,873,991,594	4,912,597,440	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	809,044	826,313	80,234,329	82,363,334	58,470,026	59,590,428	5,458,959,257	3,257,174,800	72.0	72.8	68.0	70.8	65.7	68.8	61.5	66.3
Managers.....	10,848	11,224	2,354,205	2,271,111	1,493,321	1,444,504	198,347,752	111,240,560	1.0	1.0	2.0	2.0	1.7	1.7	2.2	2.3
Tenants.....	303,597	298,286	35,340,623	31,706,316	28,983,881	25,635,339	3,216,684,585	1,544,182,080	27.0	26.3	30.0	27.3	32.6	29.6	36.2	31.4
<b>WEST NORTH CENTRAL.</b>																
Total.....	1,109,948	1,060,744	232,648,121	201,008,713	164,284,862	135,643,828	11,614,665,870	4,651,282,998	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	758,946	737,910	164,789,865	147,063,919	111,270,585	96,603,533	7,615,880,376	3,258,392,578	68.4	69.6	70.8	73.2	67.7	71.2	65.6	70.1
Managers.....	8,384	8,394	5,005,299	6,591,508	2,726,669	2,420,464	199,611,857	102,200,190	0.8	0.8	2.2	3.5	1.7	1.8	1.7	2.2
Tenants.....	342,618	314,440	62,852,957	47,333,286	50,278,608	36,619,831	3,799,173,687	1,290,690,230	30.9	29.6	27.0	23.6	30.6	27.0	32.7	27.7
<b>SOUTH ATLANTIC.</b>																
Total.....	1,111,881	962,225	103,782,255	104,297,506	48,479,733	46,100,226	2,486,436,474	1,206,349,618	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	593,154	527,512	69,120,783	68,925,876	28,844,267	27,800,075	1,593,294,281	778,139,258	53.4	54.8	66.6	66.1	59.5	60.3	64.1	64.5
Managers.....	8,298	9,115	3,364,390	3,461,604	1,229,684	1,267,637	125,539,290	63,534,320	0.7	0.9	3.2	3.3	2.5	2.8	5.0	5.3
Tenants.....	510,429	425,598	31,288,082	31,910,026	18,406,382	17,012,514	767,602,903	364,676,040	45.9	44.2	30.1	30.6	38.0	36.9	30.9	30.2
<b>EAST SOUTH CENTRAL.</b>																
Total.....	1,042,480	903,313	81,520,629	81,247,643	43,946,846	40,237,337	1,738,397,839	933,780,823	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	510,452	463,686	57,131,972	57,381,476	27,383,922	25,374,099	1,135,752,526	616,577,383	49.0	51.3	70.1	70.6	62.3	63.1	65.3	66.0
Managers.....	3,290	4,696	1,603,467	1,623,450	578,791	640,263	47,597,661	27,529,790	0.3	0.5	2.0	2.0	1.3	1.6	2.7	2.9
Tenants.....	528,738	434,931	22,785,190	22,242,717	15,984,133	14,222,975	555,047,652	289,673,650	50.7	48.1	28.0	27.4	36.4	35.3	31.9	31.0
<b>WEST SOUTH CENTRAL.</b>																
Total.....	943,186	754,853	169,149,976	176,491,202	58,264,273	39,770,530	3,128,596,882	1,138,891,068	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	440,905	379,284	104,353,474	96,807,816	30,885,471	22,792,774	1,767,880,518	659,724,645	46.7	50.2	61.7	54.9	53.0	57.3	56.5	57.9
Managers.....	4,096	4,964	19,698,171	46,220,890	1,426,467	1,251,426	205,183,145	135,054,060	0.5	0.7	11.6	26.2	2.4	3.1	6.6	11.9
Tenants.....	497,585	370,615	45,098,331	33,462,496	25,952,335	15,726,330	1,155,533,219	344,112,363	52.8	49.1	28.7	19.0	44.5	39.5	36.9	30.2
<b>MOUNTAIN.</b>																
Total.....	183,446	101,327	59,533,430	46,397,284	15,915,602	8,402,576	1,319,396,873	338,619,672	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	160,844	85,501	42,265,930	25,543,926	12,152,588	6,324,997	972,132,526	237,084,635	87.7	84.4	71.0	55.1	76.4	75.3	73.7	70.0
Managers.....	2,912	5,417	11,003,725	16,515,149	1,471,963	946,550	133,047,729	54,904,110	1.6	3.4	18.5	35.6	9.2	11.3	10.1	16.2
Tenants.....	19,690	12,409	6,263,765	4,388,209	2,290,451	1,131,029	214,216,618	46,630,927	10.7	12.2	10.5	9.4	14.4	13.5	16.2	13.8
<b>PACIFIC.</b>																
Total.....	189,891	141,581	51,328,789	47,399,576	22,038,008	18,753,105	2,478,146,254	955,860,184	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	151,933	109,512	33,276,880	29,000,061	14,286,658	12,099,625	1,648,858,342	603,942,276	80.0	77.3	64.8	62.4	64.8	64.5	66.5	63.2
Managers.....	5,225	4,166	7,900,061	8,538,005	2,100,898	1,807,796	287,684,582	135,853,698	2.8	2.9	15.4	18.0	9.5	9.6	11.6	14.2
Tenants.....	32,733	27,903	10,151,848	9,261,510	5,650,452	4,845,684	541,603,330	216,064,210	17.2	19.7	19.8	19.5	25.6	25.8	21.9	22.6



As respects the proportion which tenant farms form of the total number of farms, the divisions fall into three groups. The three southern divisions (South Atlantic, East South Central, and West South Central) have a high proportion of tenant farms, the proportion in 1910 exceeding 50 per cent in the last two divisions named. In three of the northern divisions (the West North Central, East North Central, and Middle Atlantic) the number of tenant farms is also comparatively large, the proportion varying in 1910 from 30.9 per cent in the West North Central division to 22.3 per cent in the Middle Atlantic. In the two western divisions (the Pacific and Mountain) and in the New England division the proportion was much lower, ranging from 17.2 per cent in the Pacific division to 8 per cent in the New England.

In the southern divisions the average size of tenant farms is much smaller than that of farms operated by owners, so that the proportion which the total acreage of tenant farms forms of the total acreage of all farms in these divisions is not materially different from the proportion in the Middle Atlantic, East North Central, and West North Central divisions.

The number of farms operated by managers is small in all of the divisions, the highest proportion being in the New England and Pacific divisions, 2.8 per cent in each case. In the Mountain, Pacific, and West South Central divisions however, the acreage of farms

operated by managers is of considerable importance, constituting 18.5 per cent, 15.4 per cent, and 11.6 per cent, respectively, of the total acreage in farms.

In the East North Central and West North Central divisions, which constitute the most important farming divisions of the country, and also in the three divisions constituting the South, the tenant farms formed a larger proportion, and farms operated by owners a smaller proportion, of the total number of farms in 1910 than in 1900, but the opposite is true of the New England and Middle Atlantic divisions in the extreme East, and the Mountain and Pacific divisions in the West. The proportion which the acreage of tenant farms represents of the total farm acreage increased in all divisions except the New England, Middle Atlantic, and South Atlantic, which show a decrease in this respect, accompanied, in the Middle Atlantic and South Atlantic divisions, by an increase in the proportion of the acreage in farms operated by owners. This latter class of farms also shows an increase in its proportion of the total acreage in the Mountain, Pacific, and West South Central divisions, the farms operated by managers constituting the only class in these divisions which decreased in relative importance as measured by acreage.

Table 3 shows, by divisions, the percentage of increase or decrease in the number and acreage of farms of the three main tenure groups from 1900 to 1910.

DIVISION.	Number of farms.				All land in farms.				Improved land in farms.				Value of land and buildings.			
	Total.	Own-ers.	Mana-gers.	Ten-ants.	Total.	Own-ers.	Mana-gers.	Ten-ants.	Total.	Own-ers.	Mana-gers.	Ten-ants.	Total.	Own-ers.	Mana-gers.	Ten-ants.
<b>United States</b> .....	10.9	8.1	-1.7	16.3	4.8	7.6	-38.6	16.1	15.4	11.4	12.9	24.7	109.5	101.7	88.0	131.2
New England.....	-1.6	-0.5	13.6	-16.4	-4.1	-4.2	36.8	-20.0	-10.8	10.5	22.9	-25.9	36.0	33.7	92.2	9.4
Middle Atlantic.....	-3.5	0.2	8.2	-15.1	-3.7	-0.8	14.1	-12.8	-4.8	-1.8	13.1	-12.9	25.3	27.9	74.7	11.7
East North Central.....	-1.1	-2.1	-3.3	1.8	1.4	-2.6	3.7	11.5	2.6	-1.9	3.4	13.1	80.6	67.6	78.3	108.3
West North Central.....	4.6	2.9	-0.1	9.0	15.7	12.1	-24.1	32.7	21.1	15.2	12.7	37.3	149.7	133.7	95.3	194.4
South Atlantic.....	15.6	12.4	-9.0	19.9	-0.5	0.3	-2.8	-1.9	5.2	3.8	-4.5	8.2	106.1	104.8	97.6	110.5
East South Central.....	15.4	10.1	-29.9	21.6	0.3	-0.4	-1.2	2.4	9.2	7.9	-9.6	12.4	86.2	84.2	72.9	91.6
West South Central.....	24.9	16.2	-5.2	34.3	-4.2	7.8	-57.4	34.8	46.5	35.5	14.0	65.0	174.7	168.0	51.9	235.8
Mountain.....	81.0	88.1	-14.8	58.7	28.3	65.5	-33.4	44.4	89.4	92.1	55.5	102.5	289.6	310.0	142.3	359.4
Pacific.....	34.1	38.7	25.4	17.3	8.3	12.4	-7.5	9.6	17.5	18.1	16.2	16.6	159.2	173.0	111.8	150.7

<sup>1</sup> A minus sign (-) denotes decrease.

Table 4 shows, by divisions, certain averages and percentages which reflect differences in the characteristics of farms operated by owners, managers, and tenants, respectively.

In the country as a whole the average size in 1910 of farms operated by owners was 151.6 acres; of farms operated by managers, 924.7 acres; and of tenant farms, 96.2 acres. The farms operated by managers are in all geographic divisions materially larger than those operated by owners or tenants, but the excess in the size of farms operated by owners over that of tenant farms, which appears in the average for the country as a whole, is by no means found in all parts of the country. Farms operated by owners are somewhat larger than those operated by tenants in the West North Central division and very much larger in the South, but on the other hand, in the three

more easterly divisions of the North and in the Mountain and Pacific divisions, the tenant farms are the larger, although there is very little difference in New England. Conditions as to relative size were approximately the same in 1900 as in 1910. The average size of farms operated by owners decreased more or less during the decade in all divisions except the West North Central, while that of tenant farms increased somewhat in the Middle Atlantic, East North Central, West North Central, and West South Central divisions.

The ratio which the acreage of improved farm land bears to the total farm acreage is higher in the case of tenant farms than in the case of farms operated by owners in every geographic division, the difference being particularly conspicuous in the South and in the West North Central and Pacific divisions.



Table 4 DIVISION AND CLASS OF OPERATOR.	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land in farms.		Improved land in farms.		1910 1900		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>UNITED STATES</b>										
Total.....	138.1	146.2	75.2	72.2	54.4	49.4	\$5,471	\$2,896	\$39.60	\$19.81
Owners.....	151.6	152.2	78.5	76.2	51.8	50.0	5,664	3,036	37.37	19.95
Managers.....	924.7	1,481.2	211.9	184.6	22.9	12.5	25,075	13,114	27.12	8.85
Tenants.....	96.2	96.3	66.4	61.9	69.0	64.3	4,662	2,345	48.46	24.35
<b>NEW ENGLAND.</b>										
Total.....	104.4	107.1	38.4	42.4	36.8	39.6	3,806	2,753	36.45	25.71
Owners.....	101.5	105.4	37.2	41.3	36.6	39.2	3,444	2,564	33.94	24.33
Managers.....	202.2	167.8	70.0	64.6	34.6	38.5	15,182	8,970	75.10	53.46
Tenants.....	102.5	107.1	41.2	46.5	40.2	43.4	3,792	2,896	37.01	27.05
<b>MIDDLE ATLANTIC.</b>										
Total.....	92.2	92.4	62.6	63.4	67.9	68.6	5,216	4,013	56.56	43.45
Owners.....	85.3	86.1	57.1	58.3	67.0	67.7	4,490	3,517	52.64	40.84
Managers.....	188.9	179.1	100.4	96.0	53.1	53.6	19,652	12,171	104.01	67.94
Tenants.....	107.4	104.5	77.9	76.0	72.6	72.7	6,430	4,888	59.89	46.77
<b>EAST NORTH CENTRAL.</b>										
Total.....	105.0	102.4	79.2	76.3	75.4	74.5	7,899	4,325	75.25	42.23
Owners.....	99.2	99.7	72.3	72.1	72.9	72.3	6,747	3,942	68.04	39.55
Managers.....	217.0	202.3	137.7	128.7	63.4	63.6	18,284	9,911	84.25	48.98
Tenants.....	116.4	106.3	95.5	85.9	82.0	80.9	10,595	5,177	91.02	48.70
<b>WEST NORTH CENTRAL.</b>										
Total.....	209.6	189.5	148.0	127.9	70.6	67.5	10,464	4,385	49.92	23.14
Owners.....	217.1	199.3	146.6	130.9	67.5	65.7	10,035	4,416	46.22	22.16
Managers.....	597.0	785.3	325.2	288.4	54.5	36.7	23,899	12,175	39.88	15.50
Tenants.....	183.4	150.6	146.7	116.5	80.0	77.3	11,089	4,105	60.45	27.26
<b>SOUTH ATLANTIC.</b>										
Total.....	93.3	108.4	43.6	47.9	46.7	44.2	2,236	1,254	23.96	11.57
Owners.....	116.5	130.7	48.6	52.7	41.7	40.3	2,686	1,475	23.05	11.29
Managers.....	405.4	379.8	148.1	141.3	36.5	37.2	15,129	6,970	37.31	18.35
Tenants.....	61.3	75.0	36.1	40.0	58.8	53.3	1,504	857	24.53	11.43
<b>EAST SOUTH CENTRAL.</b>										
Total.....	78.2	89.9	42.2	44.5	53.9	49.5	1,668	1,034	21.32	11.49
Owners.....	111.9	123.8	53.6	54.7	47.9	44.2	2,225	1,330	19.88	10.75
Managers.....	487.4	345.7	175.9	136.3	36.1	39.4	14,467	5,862	29.68	16.96
Tenants.....	43.1	51.1	30.2	32.7	70.2	63.9	1,050	666	24.36	13.02
<b>WEST SOUTH CENTRAL.</b>										
Total.....	179.3	233.8	61.8	52.7	34.4	22.5	3,317	1,509	18.50	6.45
Owners.....	236.7	255.2	70.1	60.1	29.6	23.5	4,010	1,739	16.94	6.81
Managers.....	419.7	330.0	303.8	252.6	7.2	2.7	45,693	27,262	10.42	2.92
Tenants.....	90.6	90.3	52.2	42.4	57.5	47.0	2,322	928	25.62	10.28
<b>MOUNTAIN.</b>										
Total.....	324.5	457.9	86.8	82.9	26.7	18.1	7,192	3,342	22.16	7.30
Owners.....	262.8	298.8	75.6	74.0	28.8	24.8	6,044	2,773	23.00	9.28
Managers.....	377.8	4,833.2	505.3	277.0	13.4	5.7	45,689	16,068	12.09	3.32
Tenants.....	318.1	349.6	116.3	91.1	36.6	26.1	10,879	3,758	34.20	10.75
<b>PACIFIC.</b>										
Total.....	270.3	334.8	116.1	132.5	42.9	39.6	13,050	6,751	48.28	20.17
Owners.....	219.0	270.3	94.0	110.5	42.9	40.9	10,853	5,515	49.55	20.40
Managers.....	1512.0	2,049.4	402.1	433.9	26.6	21.2	55,099	32,610	36.42	15.91
Tenants.....	310.1	331.9	172.6	173.7	55.7	52.3	16,546	7,743	53.35	23.33

This condition is due probably to the fact that tenants in most cases rent only that land of which they expect

to make active use, and therefore hire relatively little unimproved land. In every division the percentage of improved land in the farms operated by managers is lower than in those operated by owners, this condition being closely related to the fact, already noted, that the farms of managers are generally much larger than other farms.

Chiefly because they consist more largely of improved land, the tenant farms have in every geographic division a higher average value of land and buildings per acre of land than the farms operated by owners. Furthermore, the average value of land and buildings per farm is greater for tenant farms than for farms operated by owners, except in the three southern divisions, where the tenant farms are considerably smaller than those operated by owners.

**Number of farms for all tenure groups, by divisions: 1910 and 1900.**—Table 5 shows, for 1910 and 1900, by divisions, the number of farms in each of the major and minor tenure groups.

Farms operated by owners "owning entire farm" greatly outnumber those operated by owners "renting additional land" in all divisions; the difference is less conspicuous in the West North Central division, where there were nearly one-third as many of the latter class in 1910 as of the former.

In every division the farms operated by owners "renting additional land" increased in numbers between 1900 and 1910, while in every division except the Mountain and Pacific the farms operated by owners "owning entire farm" either decreased or increased less rapidly than did those of the former group. It seems to be an increasing practice of farmers to extend the farms they operate by renting land in addition to what they own.

In every geographic division except the New England and Pacific divisions (in both of which the total number of tenants is comparatively small) the number of share tenants materially exceeds the number of cash tenants, the difference being still more conspicuous if the share-cash tenants are counted with those having exclusively a share tenure.

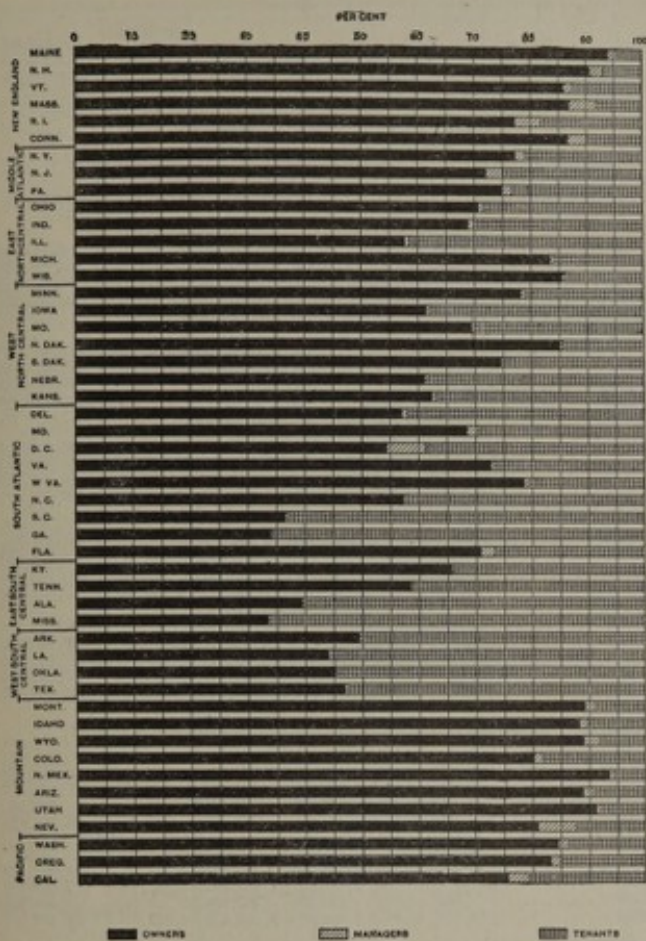
Table 5

NUMBER OF FARMS OPERATED BY—

DIVISION.	Owners—				Managers.		Share and share-cash tenants.				Cash and "not reported" tenants.			
	Owning entire farm.		Renting additional land.		1910 1900		1910 1900		1910 1900		1910 1900		1910 1900	
	1910	1900	1910	1900	1910	1900	Total.	Share.	Share-cash.	Total.	Total.	Cash.	Not reported.	Total.
United States.....	3,354,897	3,201,947	593,225	451,376	58,104	59,085	1,528,389	1,330,923	128,466	1,273,299	826,287	712,294	113,993	751,665
New England.....	162,539	163,554	5,869	5,660	5,370	4,736	2,827	2,611	216	4,936	12,188	9,787	2,401	13,022
Middle Atlantic.....	329,423	332,844	26,613	21,567	9,072	8,383	57,190	54,958	2,232	69,485	47,081	40,958	6,123	53,339
East North Central.....	677,239	713,258	131,805	113,055	10,848	11,224	204,263	170,712	33,551	203,121	99,334	84,082	15,252	95,165
West North Central.....	580,066	584,560	178,880	153,350	8,334	8,394	218,079	167,096	50,983	201,873	124,539	102,883	21,656	112,567
South Atlantic.....	821,558	480,613	71,596	46,899	8,298	9,115	309,498	299,381	10,117	252,899	200,931	176,617	24,314	172,699
East South Central.....	438,977	418,387	71,475	45,299	3,290	4,696	320,478	307,923	12,555	244,778	208,260	192,252	16,008	190,153
West South Central.....	368,855	338,114	72,050	41,170	4,696	4,954	391,365	374,372	16,993	274,677	106,220	84,191	22,029	95,938
Mountain.....	145,029	77,066	15,815	8,435	2,912	3,417	10,964	10,349	615	7,679	8,726	5,661	3,065	4,730
Pacific.....	131,211	93,551	20,722	15,961	5,225	4,166	13,725	12,521	1,204	13,851	19,008	15,863	3,145	14,052

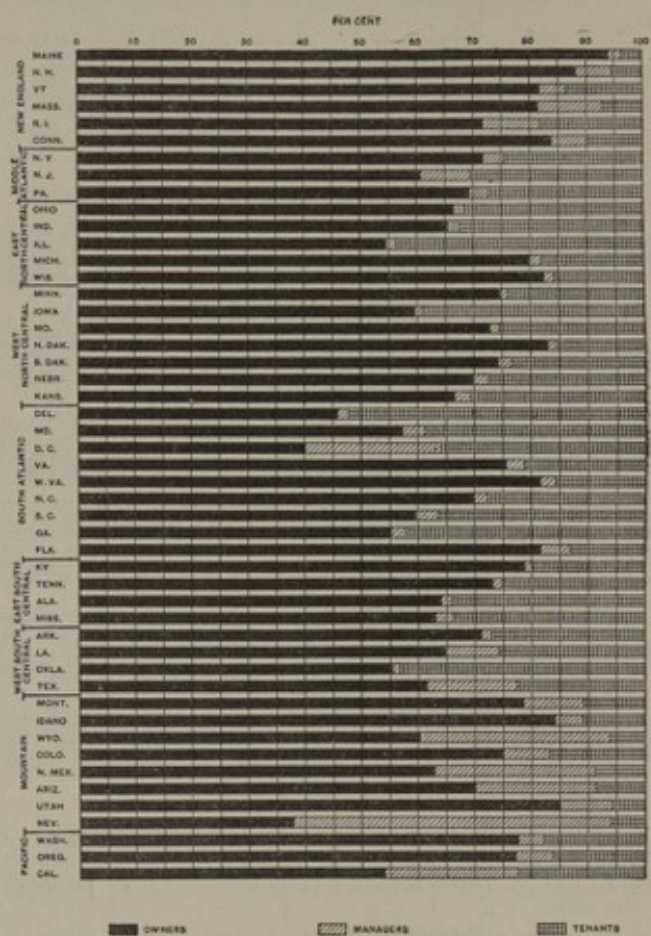


NUMBER OF FARMS, CLASSIFIED BY CHARACTER OF TENURE OF OPERATOR: 1910.



The proportion of farms under share tenancy is highest in the West South Central division, where such farms (including those of share-cash tenants) in 1910 constituted 78.7 per cent of all tenant farms. In all of the divisions constituting the North and the West there was a greater increase (or less decrease) during the decade in the number of cash tenants (including those for whom the form of tenure was not reported) than in the number of

ACREAGE OF ALL LAND IN FARMS, CLASSIFIED BY CHARACTER OF TENURE OF OPERATOR: 1910.



share and share-cash tenants, but in each of the three divisions constituting the South the opposite was true.

Tenure, by states: 1910 and 1900.—Table 6, on the two following pages, shows, for each state, the principal facts with regard to the number, total and improved acreage, and value of land and buildings of farms of the three general tenure groups, for 1910, with certain comparative data for 1900.



NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY TENURE OF OPERATOR, BY STATES: 1910 AND 1900.

Table 6 STATE AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.
	1910	1900	1910	1900	1910	1910	
New England.							
MAINE.							
Total.....	60,016	59,299	6,296,859	6,299,946	2,360,657	\$159,619,626	
Owners.....	56,454	55,607	5,915,822	5,918,922	2,222,432	147,713,769	
Managers.....	999	917	156,901	126,537	53,352	5,375,570	
Tenants.....	2,563	2,775	224,136	254,487	84,853	6,530,287	
NEW HAMPSHIRE.							
Total.....	27,053	29,324	3,249,458	3,600,864	929,185	85,916,061	
Owners.....	24,493	26,450	2,863,633	3,186,413	829,301	74,451,558	
Managers.....	681	689	209,625	169,308	42,790	6,767,633	
Tenants.....	1,879	2,185	176,200	254,143	57,094	4,696,870	
VERMONT.							
Total.....	32,709	33,104	4,663,577	4,724,440	1,633,965	112,588,275	
Owners.....	28,065	27,669	3,816,498	3,833,611	1,321,497	88,566,017	
Managers.....	636	615	208,938	131,449	52,584	7,026,085	
Tenants.....	4,008	4,820	638,141	759,380	259,884	16,096,173	
MASSACHUSETTS.							
Total.....	36,917	37,715	2,875,941	3,147,064	1,164,501	194,168,765	
Owners.....	32,073	32,581	2,343,103	2,646,113	931,621	144,241,398	
Managers.....	1,863	1,531	330,014	234,034	150,206	36,745,990	
Tenants.....	2,979	3,603	201,924	266,917	82,674	13,181,377	
RHODE ISLAND.							
Total.....	5,292	5,498	443,308	455,602	178,344	27,932,860	
Owners.....	4,087	4,182	318,262	335,354	127,964	18,137,295	
Managers.....	251	208	44,436	28,700	15,914	5,175,000	
Tenants.....	954	1,108	80,610	91,548	34,466	4,620,565	
CONNECTICUT.							
Total.....	26,815	26,948	2,185,788	2,312,083	988,252	138,319,221	
Owners.....	23,234	22,705	1,831,807	1,910,774	827,009	106,841,306	
Managers.....	949	776	136,649	104,667	61,538	19,672,948	
Tenants.....	2,632	3,467	217,332	296,642	99,685	11,804,967	
Middle Atlantic							
NEW YORK.							
Total.....	215,597	226,720	22,630,367	22,648,106	14,844,039	1,184,745,829	
Owners.....	166,674	168,698	15,824,840	15,815,967	10,606,157	797,712,574	
Managers.....	4,051	3,819	838,476	712,436	431,936	89,015,220	
Tenants.....	44,872	54,203	5,367,051	6,119,706	3,806,946	298,018,035	
NEW JERSEY.							
Total.....	33,487	34,650	2,573,857	2,840,966	1,803,336	217,134,519	
Owners.....	24,133	23,434	1,562,906	1,624,766	1,105,612	133,121,579	
Managers.....	1,060	861	227,340	250,292	106,528	27,319,227	
Tenants.....	8,294	10,355	783,611	965,908	591,196	56,693,713	
PENNSYLVANIA.							
Total.....	219,295	224,248	18,586,832	19,371,015	12,673,519	1,041,068,755	
Owners.....	164,229	162,279	12,895,522	13,081,723	8,576,291	663,390,956	
Managers.....	3,951	3,703	648,268	539,046	371,954	61,949,303	
Tenants.....	51,105	58,266	5,043,042	5,750,246	3,725,274	315,728,496	
East North Central							
OHIO.							
Total.....	272,045	276,719	24,105,708	24,501,985	19,227,969	1,654,152,406	
Owners.....	192,104	197,361	16,031,682	16,000,711	12,724,672	1,047,849,280	
Managers.....	2,753	3,427	504,636	564,863	349,442	47,935,700	
Tenants.....	77,188	75,931	7,569,390	7,036,411	6,153,835	558,367,426	
INDIANA.							
Total.....	215,485	221,897	21,299,823	21,619,623	16,901,252	1,394,275,596	
Owners.....	148,501	156,227	13,938,925	15,068,563	10,943,297	993,140,921	
Managers.....	2,297	2,222	483,469	496,216	343,151	37,817,116	
Tenants.....	64,687	63,448	6,877,429	6,024,844	5,614,804	563,317,559	
ILLINOIS.							
Total.....	251,872	264,151	32,522,937	32,794,728	28,048,323	3,522,792,570	
Owners.....	145,107	158,503	17,787,063	19,671,602	15,033,192	1,765,992,310	
Managers.....	2,386	1,950	558,463	454,378	428,467	65,008,033	
Tenants.....	104,379	103,698	14,177,411	12,668,748	12,586,664	1,691,792,227	
MICHIGAN.							
Total.....	206,960	203,261	18,940,614	17,561,698	12,832,078	901,138,299	
Owners.....	172,310	168,814	15,107,494	14,078,277	10,142,159	689,059,567	
Managers.....	1,951	2,234	452,504	424,311	217,109	22,981,178	
Tenants.....	32,689	32,213	3,380,616	3,059,110	2,472,810	179,097,554	
WISCONSIN.							
Total.....	177,127	169,795	21,060,066	19,862,727	11,907,606	1,201,632,723	
Owners.....	151,022	145,408	17,369,156	16,614,181	9,626,706	962,917,179	
Managers.....	1,451	1,391	353,133	331,343	155,152	24,605,725	
Tenants.....	24,654	22,996	3,335,777	2,917,203	2,125,748	224,109,819	
West North Central							
MINNESOTA.							
Total.....	156,137	154,659	27,675,823	26,248,498	19,643,533	1,262,441,426	
Owners.....	122,104	126,809	20,668,885	20,893,966	14,153,505	920,359,347	
Managers.....	1,222	1,095	413,734	486,147	285,241	20,909,251	
Tenants.....	32,811	26,755	6,593,204	4,868,385	5,204,787	321,172,828	
IOWA.							
Total.....	217,044	228,622	33,930,688	34,574,337	29,491,199	3,257,379,400	
Owners.....	133,003	147,305	20,214,337	22,451,768	17,432,235	1,942,594,349	
Managers.....	1,026	1,581	490,805	498,982	383,977	44,993,925	
Tenants.....	82,115	79,736	13,225,546	11,623,587	11,674,987	1,269,791,126	
West North Central—Continued.							
MISSOURI.							
Total.....	277,244	284,886	34,591,248	33,967,873	24,581,186	\$1,716,204,386	
Owners.....	192,285	196,158	25,189,241	25,413,150	17,694,543	1,206,020,845	
Managers.....	2,001	1,831	629,845	648,597	396,712	40,361,980	
Tenants.....	82,958	86,897	8,772,162	7,936,126	6,489,931	469,821,561	
NORTH DAKOTA.							
Total.....	74,360	45,332	28,426,650	15,542,640	20,455,092	822,656,744	
Owners.....	63,212	40,972	23,586,728	13,539,689	16,407,698	658,809,090	
Managers.....	484	495	477,213	661,711	374,882	16,898,168	
Tenants.....	10,664	3,865	4,362,709	1,341,240	3,672,512	146,949,486	
SOUTH DAKOTA.							
Total.....	77,644	52,622	26,016,892	19,070,616	15,827,208	1,005,080,807	
Owners.....	57,984	40,640	19,314,938	15,168,804	10,779,500	694,509,873	
Managers.....	429	531	635,199	476,141	288,166	13,918,757	
Tenants.....	19,231	11,451	6,066,755	3,425,671	4,759,542	296,652,177	
NEBRASKA.							
Total.....	129,678	121,525	38,622,021	29,911,779	24,382,577	1,813,346,936	
Owners.....	79,250	75,583	26,975,554	20,454,683	15,463,311	1,084,248,917	
Managers.....	987	1,132	1,094,812	1,352,589	562,829	30,056,713	
Tenants.....	49,441	44,810	10,551,655	8,104,505	8,356,437	699,041,305	
KANSAS.							
Total.....	177,841	173,098	43,384,799	41,662,970	29,904,067	1,737,556,172	
Owners.....	111,108	110,443	28,840,182	29,141,857	19,348,793	1,109,337,955	
Managers.....	1,335	1,729	1,283,691	2,467,341	434,862	32,473,063	
Tenants.....	65,398	60,926	13,260,926	10,053,772	10,120,412	595,745,154	
South Atlantic							
DELAWARE.							
Total.....	10,836	9,687	1,038,866	1,066,228	713,538	53,155,983	
Owners.....	6,178	4,680	476,827	423,703	322,077	27,175,067	
Managers.....	123	131	21,164	16,146	17,587	1,776,280	
Tenants.....	4,535	4,876	540,875	626,319	373,874	24,204,636	
MARYLAND.							
Total.....	48,923	46,012	5,057,140	5,170,075	3,354,767	241,737,123	
Owners.....	33,519	29,513	2,905,318	2,799,642	1,883,482	132,810,705	
Managers.....	988	1,052	207,291	205,754	129,269	24,468,741	
Tenants.....	14,416	15,447	1,944,531	2,164,679	1,342,016	84,457,677	
DISTRICT OF COLUMBIA.							
Total.....	217	269	6,063	8,489	5,133	8,231,343	
Owners.....	118	133	2,429	2,808	2,127	2,279,800	
Managers.....	15	20	1,456	2,005	1,263	3,240,843	
Tenants.....	84	116	2,178	3,676	1,743	2,710,700	
VIRGINIA.							
Total.....	184,018	167,886	19,495,636	19,907,883	9,870,058	532,058,062	
Owners.....	133,664	114,155	14,715,345	13,818,195	7,471,786	402,841,295	
Managers.....	1,625	2,135	660,325	788,638	320,528	27,354,426	
Tenants.....	48,729	51,596	4,119,966	5,301,050	2,077,744	101,862,341	
WEST VIRGINIA.							
Total.....	96,685	92,874	10,026,442	10,654,513	5,521,757	264,390,954	
Owners.....	75,978	71,529	8,184,190	8,529,402	4,606,103	207,994,468	
Managers.....	872	1,054	284,502	358,994	133,834	9,135,665	
Tenants.....	19,835	20,291	1,557,745	1,766,117	781,820	47,280,621	
NORTH CAROLINA.							
Total.....	253,725	224,637	22,439,129	22,749,356	8,813,056	456,624,607	
Owners.....	145,320	130,572	15,656,323	16,062,030	5,539,783	305,334,091	
Managers.....	1,118	1,057	582,377	420,450	159,982	14,209,244	
Tenants.....	107,287	93,008	6,200,426	6,266,876	3,113,291	137,081,272	
SOUTH CAROLINA.							
Total.....	176,434	155,355	13,512,029	13,985,014	6,097,999	332,888,081	
Owners.....	64,350	59,417	8,051,503	8,227,679	2,800,778	185,703,312	
Managers.....	863	1,054	547,412	695,700	141,806	11,286,139	
Tenants.....	111,221	94,884	4,913,113	5,061,575	3,155,415	135,898,630	
GEORGIA.							
Total.....	291,027	224,691	26,953,413	26,392,057	12,298,017	479,204,776	
Owners.....	98,628	88,529	14,851,292	15,547,407	4,931,295	239,621,732	
Managers.....	1,419	1,602	779,122	795,177	248,350	17,653,921	
Tenants.....	190,980	134,560	11,322,999	10,049,473	7,118,372	221,928,635	
FLORIDA.							
Total.....	50,016	40,814	5,253,538	4,363,891	1,805,408	118,145,969	
Owners.....	35,399	28,984	4,286,551	3,514,950	1,286,836	89,533,767	
Managers.....	1,275	1,010	280,741	208,680	76,465	10,414,031	
Tenants.....	13,342	10,820	686,246	640,261	442,107	12,198,191	
East South Central							
KENTUCKY.							
Total.....	259,185	234,667	22,189,127	21,979,422	14,354,471	635,459,372	
Owners.....	170,312	155,996	17,462,755	17,334,324	11,086,744	464,838,303	
Managers.....	993	1,606	315,260	362,219	174,708	16,836,522	
Tenants.....	87,880	77,065	4,411,112	4,282,879	3,093,019	153,784,547	



## TENURE OF FARMS.

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NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY TENURE OF OPERATOR, BY STATES: 1910 AND 1900—Continued.

Table 6—Contd.		NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).	VALUE OF LAND AND BUILDINGS.	STATE AND CLASS OF OPERATOR.		NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).	VALUE OF LAND AND BUILDINGS.
STATE AND CLASS OF OPERATOR.		1910	1900	1910	1900	1910	1910	STATE AND CLASS OF OPERATOR.		1910	1900	1910	1900	1910	1910
<b>East South Central—Continued.</b>								<b>Mountain—Contd.</b>							
<b>ALABAMA.</b>								<b>WYOMING.</b>							
Total.....	262,901	223,220	20,732,312	20,685,427	9,693,581	\$288,253,591		Total.....	10,987	6,095	8,543,010	8,124,536	1,256,160	\$97,915,277	
Owners.....	103,929	93,472	13,280,106	13,565,350	4,620,232	166,872,298		Owners.....	9,779	5,185	5,152,581	4,022,941	940,372	71,276,554	
Managers.....	646	874	366,767	361,301	120,099	6,965,693		Managers.....	311	446	2,862,992	3,608,155	189,900	17,184,459	
Tenants.....	158,326	128,874	7,085,439	6,758,776	4,953,250	114,415,600		Tenants.....	897	464	527,437	493,440	125,888	9,454,264	
<b>MISSISSIPPI.</b>								<b>COLORADO.</b>							
Total.....	274,382	220,803	18,557,533	18,240,736	9,008,310	334,162,289		Total.....	46,170	24,700	13,532,113	9,474,588	4,302,101	408,518,861	
Owners.....	92,066	82,021	11,716,474	11,957,827	4,215,447	171,674,273		Owners.....	36,993	18,239	10,134,797	6,156,841	2,907,897	270,239,463	
Managers.....	825	930	386,511	516,176	168,066	12,802,628		Managers.....	787	880	1,140,446	1,787,515	310,402	29,343,653	
Tenants.....	181,491	137,852	6,254,548	5,766,733	4,624,797	149,685,388		Tenants.....	8,390	5,581	2,256,870	1,530,232	1,083,802	108,955,745	
<b>West South Central</b>								<b>NEW MEXICO.</b>							
<b>ARKANSAS.</b>								Total.....	35,676	12,311	11,270,021	5,130,878	1,467,191	111,830,999	
Total.....	214,678	178,694	17,416,075	16,636,719	8,076,254	309,166,813		Owners.....	33,398	10,674	7,065,901	2,421,403	1,298,739	80,982,225	
Owners.....	106,649	96,735	12,389,542	12,187,517	4,815,122	181,882,010		Managers.....	321	483	3,195,759	2,282,612	74,147	20,343,772	
Managers.....	763	819	328,186	319,450	112,099	10,440,663		Tenants.....	1,957	1,154	978,361	426,865	94,305	10,505,002	
Tenants.....	107,266	81,140	4,698,347	4,129,752	3,148,433	116,844,140		<b>ARIZONA.</b>							
<b>LOUISIANA.</b>								Total.....	9,227	5,809	1,246,613	1,935,327	350,173	47,285,310	
Total.....	120,546	115,969	10,439,481	11,059,127	5,276,016	237,544,450		Owners.....	8,203	4,985	874,914	523,117	254,439	33,196,611	
Owners.....	52,989	47,701	6,796,123	7,167,807	2,865,762	134,121,536		Managers.....	163	333	264,798	1,354,854	35,871	5,800,694	
Managers.....	950	1,034	986,357	973,721	414,442	29,902,294		Tenants.....	861	489	106,901	57,356	59,863	8,288,005	
Tenants.....	66,607	67,234	2,687,001	2,917,599	1,995,812	73,520,620		<b>UTAH.</b>							
<b>OKLAHOMA.<sup>1</sup></b>								Total.....	21,676	19,387	3,397,699	4,116,951	1,368,211	117,545,332	
Total.....	190,192	108,000	28,859,353	22,988,339	17,551,337	738,677,224		Owners.....	19,762	17,363	2,888,090	2,601,554	1,302,072	101,417,754	
Owners.....	85,404	60,209	15,996,795	12,238,431	9,322,165	417,862,302		Managers.....	194	311	315,376	929,298	66,462	6,545,737	
Managers.....	651	541	428,679	2,936,411	176,927	8,748,571		Tenants.....	1,720	1,713	194,233	586,099	99,677	9,581,841	
Tenants.....	104,137	47,250	12,433,879	7,813,497	8,052,245	312,066,351		<b>NEVADA.</b>							
<b>TEXAS.</b>								Total.....	2,689	2,184	2,714,757	2,565,647	752,117	39,609,339	
Total.....	417,770	352,190	112,435,067	125,807,017	27,360,666	1,843,208,395		Owners.....	2,175	1,809	1,032,432	1,461,483	386,132	21,731,515	
Owners.....	195,863	174,639	69,201,014	65,214,061	13,882,422	1,034,014,670		Managers.....	181	126	1,524,139	1,002,307	310,527	13,908,493	
Managers.....	2,332	2,560	17,954,949	41,991,308	722,399	156,091,617		Tenants.....	333	249	158,195	101,857	55,458	3,969,331	
Tenants.....	219,575	174,991	25,279,104	18,601,648	12,755,845	653,102,108		<b>Pacific</b>							
<b>Mountain</b>								<b>WASHINGTON.</b>							
<b>MONTANA.</b>								Total.....	56,192	33,202	11,712,235	8,499,297	6,373,311	571,968,457	
Total.....	26,214	13,370	13,545,603	11,844,454	3,640,309	251,625,939		Owners.....	47,505	28,020	9,115,171	6,998,988	4,760,836	430,624,440	
Owners.....	23,363	11,661	10,640,902	5,631,184	2,894,823	196,511,859		Managers.....	961	405	529,082	373,499	159,461	29,414,474	
Managers.....	505	479	1,429,990	5,351,065	357,840	26,293,008		Tenants.....	7,726	4,777	2,067,982	1,126,810	1,453,014	111,929,543	
Tenants.....	2,344	1,230	1,474,711	862,265	387,646	28,821,063		<b>OREGON.</b>							
<b>IDAHO.</b>								Total.....	45,502	35,837	11,685,110	10,071,328	4,274,803	455,576,309	
Total.....	30,807	17,471	5,283,604	3,204,903	2,778,740	245,065,825		Owners.....	37,796	28,963	9,096,370	7,411,128	3,061,350	335,786,072	
Owners.....	27,169	15,985	4,446,313	2,725,403	2,268,114	196,806,545		Managers.....	847	508	766,007	1,162,408	212,812	28,725,093	
Managers.....	450	357	270,234	199,403	126,814	13,627,913		Tenants.....	6,859	6,366	1,882,733	1,497,732	1,000,641	91,064,544	
Tenants.....	3,188	1,529	567,057	289,097	383,812	34,631,367		<b>CALIFORNIA.</b>							
								Total.....	88,197	72,542	27,931,444	28,828,951	11,389,894	1,450,601,488	
								Owners.....	66,632	52,529	15,125,339	15,189,945	6,464,472	882,447,890	
								Managers.....	3,417	3,253	6,604,972	7,002,038	1,728,625	229,544,415	
								Tenants.....	18,148	16,760	6,201,133	6,636,968	3,196,797	338,609,243	

<sup>1</sup> Figures for 1900 include Indian Territory.



## FARM MORTGAGES.

The inquiries with reference to mortgage debt at each of the last three censuses related only to those farms which were operated by their owners, and no attempt was made to ascertain the total number of farms which were mortgaged or the total amount of mortgage debt. Tenants or hired managers are not likely to have accurate information as to whether the farms they operate are mortgaged, and still less as to the amount of mortgage debt, and it would be practically impossible, in many cases, to reach the owners of such farms in order to ascertain these facts. In the case of farms of owners who rent additional land, the statement as to the amount of mortgage debt relates only to the land owned by the operator. Such farms are included in all of the statistics dealing with the number of farms mortgaged, but not in those relating to the amount of mortgage debt.

**Number of farms mortgaged.**—The statistics with reference to the number of farms mortgaged for the past three censuses are not precisely comparable, although nearly so. At the census of 1910 questions as to mortgage debt applied to all farms operated by owners, while at the two preceding censuses they applied only to the slightly smaller class of "owned

farm homes"—that is, farms occupied by their owners as homes.

Table 7 shows, for the United States as a whole for the last three censuses, the actual returns with regard to the number of farms or farm homes operated or occupied by their owners which were free from mortgage and mortgaged, respectively.

Table 7	Total.	Free from mortgage.	Mortgaged.	Not specified.
1910—Farms operated by owners.	3,948,722	2,588,596	1,312,034	48,092
1900—Owned farm homes.	3,638,403	2,419,180	1,093,164	126,059
1890—Owned farm homes.	3,142,746	2,227,969	875,052	39,725

At the census of 1900 there were many more cases of failure to report the presence or absence of mortgage indebtedness than at the census of 1910 or of 1890. While the proportion free from mortgage or mortgaged can be calculated on the basis of the actual reports, it would not be proper to compute the increase in the number of farms in each of these classes without first distributing in proper proportion the farms for which no report was secured between the two groups. This has been done in Table 8, which presents statistics by divisions.

DIVISION.	FARMS OR FARM HOMES OPERATED OR OCCUPIED BY OWNERS.													
	Free from mortgage.								Mortgaged.					
	1910	1900	1890	Increase: <sup>1</sup> 1900-1910		Increase: <sup>1</sup> 1890-1900		1910	1900	1890	Increase: <sup>1</sup> 1900-1910		Increase: <sup>1</sup> 1890-1900	
				Number.	Per cent.	Number.	Per cent.				Number.	Per cent.	Number.	Per cent.
United States.....	2,621,283	2,510,654	2,255,789	110,629	4.4	254,865	11.3	1,327,439	1,127,749	886,957	199,690	17.7	240,792	27.1
New England.....	109,586	108,474	118,717	1,112	1.0	-10,243	-8.6	58,822	56,129	46,738	2,693	4.8	9,391	20.1
Middle Atlantic.....	219,093	214,285	222,497	4,808	2.2	-8,212	-3.7	135,943	144,462	130,770	-8,519	-5.9	13,692	10.5
East North Central.....	478,408	503,421	479,014	-25,013	-5.0	24,407	5.1	330,636	327,799	288,359	2,837	0.9	39,440	13.7
West North Central.....	408,980	406,265	357,099	2,715	0.7	49,166	13.8	349,966	322,852	330,070	27,114	8.4	-7,218	-2.2
South Atlantic.....	481,412	438,097	387,381	43,315	9.9	50,716	13.1	111,742	88,217	31,080	23,525	26.7	57,137	183.8
East South Central.....	394,573	380,886	346,320	13,707	3.6	34,546	10.0	115,879	77,976	16,234	37,903	48.6	61,742	380.3
West South Central.....	305,792	306,360	238,995	-668	-0.2	67,365	28.2	135,113	67,987	11,955	67,126	98.7	56,032	468.7
Mountain.....	127,400	74,896	45,631	52,504	70.1	29,265	64.1	33,444	12,570	7,511	20,874	166.1	5,059	67.4
Pacific.....	96,039	77,990	60,135	18,049	23.1	17,855	29.7	55,894	29,757	24,240	26,137	87.8	5,517	22.8

<sup>1</sup> A minus sign (-) denotes decrease.

Table 9 shows percentages derived from Table 8.

DIVISION.	PER CENT OF ALL FARMS FOR WHICH MORTGAGE REPORTS WERE OBTAINED. <sup>1</sup>					
	Free from mortgage.			Mortgaged.		
	1910	1900	1890	1910	1900	1890
United States.....	66.4	68.9	71.8	33.6	31.1	28.2
New England.....	65.1	65.9	71.8	34.9	34.1	28.2
Middle Atlantic.....	61.7	59.7	63.0	38.3	40.3	37.0
East North Central.....	59.1	60.6	62.4	40.9	39.4	37.6
West North Central.....	53.9	55.7	52.0	46.1	44.3	48.0
South Atlantic.....	81.2	83.2	92.6	18.8	16.8	7.4
East South Central.....	77.3	83.0	95.5	22.7	17.0	4.5
West South Central.....	69.4	81.8	93.2	30.6	18.2	4.8
Mountain.....	79.2	85.6	85.9	20.8	14.4	14.1
Pacific.....	63.2	72.4	71.3	36.8	27.6	28.7

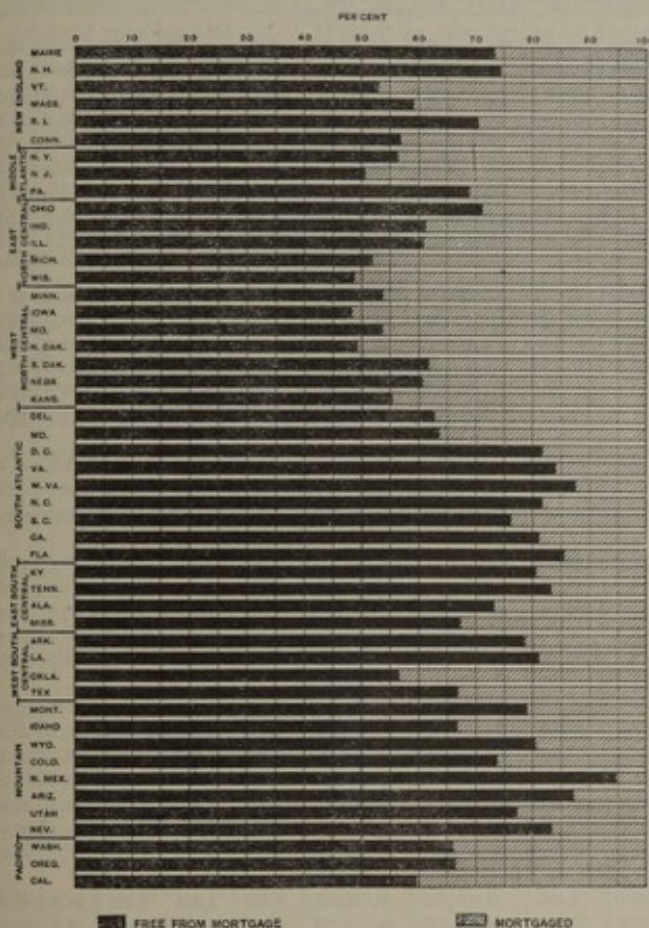
<sup>1</sup> For 1910 based on farms operated by their owners and for 1900 and 1890 on farm homes occupied by their owners.

In making comparisons between geographic divisions and between censuses, it should be borne in mind that the fact of mortgage indebtedness is not necessarily an indication of lack of prosperity. There can be no question but that American farmers generally were more prosperous in 1910 than at the two preceding censuses, and yet in that year a larger proportion of the farms were mortgaged. The proportion of mortgage indebtedness is higher in Iowa and Wisconsin than in any of the other states, and yet these states are among the most prosperous in agriculture. Although in some cases mortgages are placed on farms because of poor crops or other misfortunes or because of mismanagement, they often represent an unpaid portion of the cost of the farm itself or money ex-



pending for additional land or for buildings and other equipment. The conditions in different parts of the country as to land titles and as to availability of public lands for settlement in some cases affect the proportion of farms mortgaged.

NUMBER OF FARMS OPERATED BY THEIR OWNERS, FREE FROM MORTGAGE AND MORTGAGED: 1910.



In the United States as a whole the number of farms or farm homes operated or occupied by their owners which were free from mortgage increased much less rapidly during each of the last two census decades than the number mortgaged. The proportion mort-

gaged was 28.2 per cent in 1890, 31.1 per cent in 1900, and 33.6 per cent in 1910.

In 1910 the proportion mortgaged was highest (46.1 per cent) in the West North Central division. The lowest proportions, 18.8 per cent, 22.7 per cent, and 20.8 per cent, respectively, were in the South Atlantic, East South Central, and Mountain divisions.

In every geographic division except the Middle Atlantic the proportion of farms mortgaged was greater in 1910 than in 1900, and in every division except the West North Central the proportion was greater in 1910 than in 1890. The most conspicuous increase in the proportion of farms mortgaged has been in the three southern divisions, and it is very likely that increased confidence of lenders in the titles to land and in the ability of the farmers to pay their debts has had much to do with this change.

**Amount of mortgage debt.**—Table 10 shows, by divisions, for 1910, the number of farms operated by owners owning their entire farm and for which the amount of mortgage debt was reported, together with the total value of the land and buildings of such farms, and the amount of debt. For 1890 it shows the total number of owned farm homes mortgaged (including those of owners who rented additional land), with the value of the land and buildings, and the amount of mortgage indebtedness (including estimates). The census statistics with reference to the amount of mortgage debt do not cover all the mortgaged farms reported. In some cases the enumerators were able to ascertain that a farm was mortgaged, but were unable to secure a statement of the amount of indebtedness. Further, the statistics relative to the amount of indebtedness do not include the farms operated by owners who rent additional land, which make up a considerable number. In the case of these farms the report as to the amount of debt would necessarily relate only to the land which was owned by the operator, and it would be improper to compare it with the entire value of the farm, including that of the hired land. The total number of mortgaged farms operated by owners, including those who rent additional land, in the United

Table 10

DIVISION.	FARMS OPERATED BY OWNERS OWNING ENTIRE FARM: 1910 <sup>1</sup>							OWNED FARM HOMES: 1890 <sup>2</sup>						
	Num-ber.	Value of land and buildings.	Amount of debt.	Ratio of debt to value, per cent.	Average per farm.			Num-ber.	Value of land and buildings.	Amount of debt.	Ratio of debt to value, per cent.	Average per farm.		
					Value.	Debt.	Equi-ty.					Value.	Debt.	Equi-ty.
United States	1,006,511	\$6,330,236,951	\$1,726,172,851	27.3	\$6,289	\$1,715	\$4,574	886,957	\$3,054,923,165	\$1,085,995,960	35.5	\$3,444	\$1,224	\$2,220
New England	53,791	183,826,183	58,535,508	31.8	3,417	1,088	2,329	46,738	110,123,599	44,512,143	40.4	2,356	952	1,404
Middle Atlantic	118,220	516,334,528	178,326,219	34.5	4,368	1,508	2,860	130,770	542,842,412	234,538,777	43.2	4,151	1,794	2,357
East North Central	257,884	1,605,964,728	459,886,968	28.6	6,227	1,783	4,444	288,329	1,011,288,228	336,156,531	33.2	3,507	1,166	2,341
West North Central	236,975	2,361,540,675	608,480,562	25.8	9,965	2,568	7,397	330,070	1,014,518,328	341,286,412	33.6	3,074	1,034	2,040
South Atlantic	86,522	270,317,105	73,597,258	27.2	3,124	851	2,273	31,080	83,843,919	33,665,166	40.2	2,698	1,083	1,615
East South Central	85,282	203,125,373	59,769,643	29.4	2,382	701	1,681	16,214	28,688,835	12,432,680	43.3	1,767	766	1,001
West South Central	96,687	484,014,790	121,365,670	25.1	5,006	1,255	3,751	11,955	27,862,864	11,924,086	42.8	2,331	997	1,334
Mountain	26,731	247,994,132	59,364,185	23.9	9,277	2,221	7,056	7,511	34,260,968	10,905,181	31.8	4,561	1,452	3,109
Pacific	44,419	457,119,437	106,846,838	23.4	10,291	2,405	7,886	24,240	201,494,022	60,574,984	30.1	8,312	2,499	5,813

<sup>1</sup> Includes only those reporting value of farm and amount of debt.

<sup>2</sup> Includes all owned farm homes operated by their owners, with estimates for those with incomplete reports.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## MORTGAGES AND MORTGAGE INDEBTEDNESS, BY DIVISIONS AND STATES.

Table 11

Table 11  DIVISION OR STATE.	NUMBER OF FARMS OPERATED BY OWNERS: 1910 <sup>1</sup>				PER CENT REPORTED AS MORTGAGED. <sup>2</sup>			FARMS OPERATED BY OWNERS OWNING ENTIRE <sup>3</sup> FARM: 1910 <sup>3</sup>						RATIO OF DEBT TO VALUE, PER CENT.	
	Total.	Free from mort- gage.	Mort- gaged.	Not re- ported.	1910	1900	1890	Num- ber.	Value of land and buildings.	Amount of debt.	Average per farm.			1910	1890
											Value.	Debt.	Equity.		
United States .....	3,948,722	2,588,596	1,312,034	48,092	33.6	31.1	28.2	1,006,511	\$6,330,236,951	\$1,725,172,851	\$6,289	\$1,715	\$4,574	27.3	35.5
GEOGRAPHIC DIVISIONS:															
New England.....	168,408	108,938	58,474	996	34.9	34.1	28.2	53,791	183,826,183	58,535,508	3,417	1,088	2,329	31.8	40.4
Middle Atlantic.....	355,036	217,257	134,803	2,976	38.3	40.3	37.0	118,220	516,334,525	178,326,219	4,368	1,508	2,860	34.5	43.2
East North Central.....	809,044	473,822	327,463	7,759	40.9	39.4	37.6	257,884	1,605,964,728	450,886,908	6,227	1,783	4,444	28.6	33.2
West North Central.....	758,946	404,555	346,182	8,209	46.1	44.3	48.0	236,975	2,361,540,675	608,480,562	9,965	2,568	7,397	25.8	33.2
South Atlantic.....	593,154	474,742	110,198	8,214	18.8	16.8	7.4	86,522	270,317,105	73,597,258	3,124	851	2,273	27.2	40.2
East South Central.....	510,432	388,837	114,195	7,420	22.7	17.0	4.5	85,282	203,125,373	59,769,643	2,382	701	1,681	29.4	43.3
West South Central.....	440,905	299,303	132,252	9,350	30.6	18.2	4.8	96,687	484,014,790	121,365,670	5,006	1,255	3,751	25.1	42.8
Mountain.....	160,844	125,940	33,060	1,844	20.8	14.4	14.1	26,731	247,994,132	59,364,185	9,277	2,221	7,056	23.9	31.8
Pacific.....	151,933	95,202	55,407	1,324	36.8	27.6	28.7	44,419	457,119,437	106,846,838	19,291	2,405	7,886	23.4	30.1
NEW ENGLAND:															
Maine.....	56,454	41,309	14,948	197	26.6	26.7	22.1	13,894	39,774,005	11,738,329	2,863	845	2,018	29.5	36.7
New Hampshire.....	24,493	18,119	6,234	140	25.6	25.5	21.8	5,666	15,457,040	4,773,610	2,728	842	1,886	30.9	38.4
Vermont.....	28,065	14,851	13,140	74	46.9	46.9	44.3	12,138	36,858,591	12,436,091	3,037	1,025	2,012	33.7	41.8
Massachusetts.....	32,075	18,768	13,014	293	40.9	38.6	30.5	12,030	49,742,396	16,371,484	4,135	1,361	2,774	32.9	41.9
Rhode Island.....	4,087	2,811	1,180	96	29.6	27.1	19.1	1,001	4,087,933	1,356,326	4,084	1,355	2,729	33.2	42.6
Connecticut.....	23,234	13,080	9,958	196	43.2	40.7	31.1	9,062	37,906,308	11,859,468	4,183	1,309	2,874	31.3	40.6
MIDDLE ATLANTIC:															
New York.....	166,674	93,118	72,311	1,245	43.7	46.3	44.2	62,555	284,659,163	97,309,848	4,551	1,556	2,995	34.2	43.6
New Jersey.....	24,133	11,983	11,793	357	49.6	51.9	48.9	10,666	55,507,006	19,476,938	5,204	1,826	3,378	35.1	49.6
Pennsylvania.....	164,229	112,156	50,699	1,374	31.1	32.3	27.4	44,999	176,168,359	61,539,433	3,915	1,368	2,547	34.9	40.7
EAST NORTH CENTRAL:															
Ohio.....	192,104	135,616	54,997	1,491	28.9	29.8	28.9	42,785	220,749,834	63,788,397	5,160	1,491	3,669	28.9	34.3
Indiana.....	148,501	89,847	56,914	1,740	38.8	36.5	33.1	40,108	251,961,241	57,486,582	6,282	1,433	4,849	22.8	30.3
Illinois.....	145,107	86,713	55,792	2,602	39.2	39.3	36.7	36,938	454,857,222	115,799,646	12,314	3,135	9,179	25.5	34.6
Michigan.....	172,310	88,705	82,631	974	48.2	48.3	49.4	68,635	250,874,010	75,997,030	3,654	1,107	2,547	30.3	32.4
Wisconsin.....	151,022	72,941	77,129	952	51.4	45.8	42.9	69,398	427,522,421	146,815,313	6,160	2,116	4,044	34.3	33.3
WEST NORTH CENTRAL:															
Minnesota.....	122,104	65,038	56,145	921	46.3	44.8	46.4	41,775	295,015,775	77,860,283	7,062	1,864	5,198	26.4	31.6
Iowa.....	133,003	63,234	68,045	1,724	51.8	53.0	53.3	50,452	735,265,320	204,242,722	14,574	4,048	10,526	27.8	33.3
Missouri.....	192,285	102,514	88,486	1,285	46.3	42.4	36.4	64,028	389,476,000	112,565,403	6,083	1,758	4,325	28.9	32.3
North Dakota.....	63,212	30,651	31,727	834	50.9	31.4	48.7	19,187	213,642,953	47,841,587	11,135	2,493	8,642	22.4	36.3
South Dakota.....	57,984	35,101	21,691	1,192	38.2	36.7	52.4	11,813	154,749,490	32,771,359	13,679	2,897	10,782	21.2	38.6
Nebraska.....	79,250	47,435	30,839	976	39.4	45.4	52.0	19,778	286,308,920	62,373,472	14,476	3,154	11,322	21.8	32.4
Kansas.....	111,108	60,582	49,249	1,277	44.8	41.8	55.5	30,442	287,082,217	70,819,736	9,430	2,326	7,104	24.7	36.0
SOUTH ATLANTIC:															
Delaware.....	6,178	3,817	2,264	97	37.2	36.5	29.4	2,021	8,801,976	3,068,721	4,355	1,518	2,837	34.9	44.0
Maryland.....	33,519	21,084	12,127	308	36.5	36.8	30.0	10,754	44,398,721	15,673,773	4,129	1,457	2,672	35.3	38.5
District of Columbia.....	118	93	21	4	18.4	18.9	4.1	20	233,400	56,100	11,670	2,805	8,865	24.0	32.8
Virginia.....	133,664	111,474	21,182	1,008	16.0	14.7	3.2	17,410	62,377,247	15,440,291	3,583	887	2,696	24.8	47.6
West Virginia.....	75,978	66,093	9,525	360	12.6	14.1	13.0	7,878	21,549,125	5,592,533	2,735	710	2,025	26.0	32.2
North Carolina.....	145,320	117,028	26,642	1,650	18.5	15.8	4.9	19,232	42,952,440	9,938,389	2,231	517	1,714	23.2	45.6
South Carolina.....	64,330	47,535	15,020	1,795	24.0	20.6	8.0	11,189	39,593,747	10,109,072	3,539	903	2,636	25.5	50.2
Georgia.....	98,628	78,004	18,257	2,367	19.0	14.7	3.4	13,839	37,526,424	10,988,409	2,712	794	1,918	29.3	41.9
Florida.....	35,399	29,614	5,160	625	14.8	10.3	2.9	4,159	12,884,025	2,709,970	3,098	652	2,446	21.0	31.2
EAST SOUTH CENTRAL:															
Kentucky.....	170,332	135,505	33,039	1,788	19.6	15.2	4.1	25,846	81,315,441	23,411,430	3,146	906	2,240	28.8	40.1
Tennessee.....	144,125	118,285	24,006	1,834	16.9	11.5	3.2	17,362	47,232,059	12,626,330	2,720	727	1,993	26.7	40.1
Alabama.....	103,929	74,504	27,457	1,968	26.9	19.2	4.4	19,230	32,311,461	10,350,577	1,680	538	1,142	32.0	43.8
Mississippi.....	92,066	60,543	29,693	1,830	32.9	27.1	7.7	22,844	42,266,412	13,381,306	1,850	586	1,264	31.7	54.4
WEST SOUTH CENTRAL:															
Arkansas.....	106,649	82,321	22,374	1,954	21.4	14.3	4.2	16,555	35,035,023	8,941,332	2,116	540	1,576	25.5	44.4
Louisiana.....	52,989	42,011	9,834	1,144	19.0	17.7	4.0	7,520	28,771,635	8,930,301	3,826	1,190	2,636	31.1	44.1
Oklahoma.....	85,404	46,889	36,036	2,479	43.5	49.2	.....	24,588	122,327,300	27,384,765	4,975	1,114	3,861	22.4	.....
Texas.....	195,863	128,082	64,008	3,773	33.3	23.4	5.7	48,024	297,880,832	76,089,272	6,203	1,584	4,619	25.5	41.7
MOUNTAIN:															
Montana.....	23,365	18,014	4,820	531	21.1	14.0	15.6	3,990	44,615,154	10,741,280	11,182	2,692	8,490	24.1	31.7
Idaho.....	27,169	17,933	9,010	226	33.4	16.4	16.3	7,594	64,376,068	14,557,103	8,477	1,917	6,560	22.6	30.0
Wyoming.....	9,779	7,815	1,923	41	19.7	12.2	13.1	1,531	16,675,387	4,207,983	10,892	2,749	8,143	25.2	34.6
Colorado.....	36,993	26,822	9,636	535	26.4	27.0	25.5	7,571	77,332,068	18,986,026	10,214	2,508	7,706	24.6	32.4
New Mexico.....	33,398	31,382	1,775	241	5.4	2.3	3.0	1,397	10,683,233	2,590,282	7,647	1,854	5,793	24.2	34.2
Arizona.....	8,203	7,038	1,043	122	12.9	6.0	6.8	813	8,695,498	2,253,252	10,696	2,772	7,924	25.9	40.6
Utah.....	19,762	15,131	4,492	139	22.9	11.1	5.5	3,526	21,319,580	4,564,175	6,046	1,294	4,752	21.4	24.9
Nevada.....	2,175	1,805	361	9	16.7	19.3	17.2	309	4,297,144	1,464,084	13,907	4,738	9,169	34.1	33.1
PACIFIC:															
Washington.....	47,505	30,979	16,026	500	34.1	21.7	26.8	12,715	113,394,798	25,644,551	8,918	2,017	6,901	22.6	28.6
Oregon.....	37,796	24,855	12,632	309	33.7	25.2	23.4	10,274	93,525,449	21,165,627	9,103	2,060	7,043	22.6	29.9
California.....	66,632	39,368	26,749	515	40.5	32.2	32.5	21,430	250,199,190	60,036,660	11,675	2,802	8,873	24.0	30.0



States in 1910 was 1,327,439, but the number for which statistics regarding the amount of indebtedness have been compiled is only 1,006,511.

No statistics of the amount of mortgage indebtedness on farms were collected at the census of 1900, but such statistics were collected in 1890. In the published reports of that census, however, the amount of mortgage indebtedness on farms with incomplete reports was estimated. Moreover, the farms of owners who rented additional land were included in the statistics. Consequently, the statistics of absolute amounts of mortgage debt for 1890 are not comparable with those for 1910. On the other hand, the ratio which the mortgage indebtedness bears to the value of the mortgaged farms is reasonably comparable for the two censuses.

The total value of the land and buildings of the 1,006,511 farms shown for 1910 was \$6,330,000,000, and the amount of debt was \$1,726,000,000, or 27.3 per cent of the value. The corresponding proportion in 1890, as shown in the reports, was 35.5 per cent, and to make this figure strictly comparable it would presumably have to be increased slightly. There was thus during the 20 years a marked diminution in the

relative importance of mortgage debt. This decline in the ratio of debt to value is primarily due to the very rapid increase in the value of land in farms. The average amount of mortgage indebtedness per farm increased from \$1,224 in 1890 to \$1,715 in 1910, but the average owner's equity per farm increased from \$2,220 to \$4,574, or more than doubled.

In 1910 there was no very great difference among the several geographic divisions with respect to the ratio of indebtedness to the value of land and buildings, the highest ratio being 34.5 per cent in the Middle Atlantic division, and the lowest 23.4 per cent in the Pacific division. In every division the ratio of indebtedness to value was materially lower in 1910 than in 1890, when in five of the divisions it exceeded 40 per cent.

**Statistics by states.**—Table 11 presents, by divisions and states, statistics of the number of farms mortgaged for 1910, with comparative percentages for 1900 and 1890, and of the value of mortgaged farms and the amount of mortgage debt for 1910, with comparative percentages for 1890. The percentages showing the relative number of mortgaged farms in each state in 1910 are shown graphically in the diagram on page 293.



## COLOR AND NATIVITY OF FARMERS.

Number of native white, foreign-born white, and colored farmers, by tenure: 1910.—Table 14, on the opposite page, shows, for each geographic division and state, the number of farms in 1910 operated by native whites, foreign-born whites, and colored persons (negroes, Indians, Chinese, and Japanese), respectively, the farms in each group being further classified according to the tenure of the operator. The diagram shows, by states, the number of farms classified by color and nativity of operator in 1910.

Table 12 shows the percentage of the total number of farm operators in each geographic division in 1910 represented by native whites, foreign-born whites, and colored persons, respectively, and also a similar distribution of the farm owners and of the farm tenants. The distribution of farm managers, which is less significant on account of their small number, is not shown.

DIVISION.	PER CENT OF ALL FARM OPERATORS.			PER CENT OF FARM OWNERS.			PER CENT OF FARM TENANTS.		
	Native whites.	Foreign-born whites.	Negroes and other nonwhites.	Native whites.	Foreign-born whites.	Negroes and other nonwhites.	Native whites.	Foreign-born whites.	Negroes and other nonwhites.
United States.....	75.0	10.5	14.5	80.1	13.8	6.1	66.2	5.0	28.8
New England.....	85.3	14.5	0.2	85.6	14.2	0.2	82.6	17.1	0.3
Middle Atlantic.....	89.5	10.1	0.4	89.1	10.5	0.4	91.1	8.4	0.5
East North Central.....	82.7	16.7	0.5	79.9	19.7	0.5	90.3	9.1	0.6
West North Central.....	74.8	24.3	0.9	70.4	28.6	1.0	84.4	14.9	0.7
South Atlantic.....	67.4	0.6	32.0	81.8	1.0	17.2	50.2	0.2	49.6
East South Central.....	68.3	0.5	31.2	87.7	0.8	11.5	49.5	0.2	50.4
West South Central.....	73.4	4.4	22.2	81.0	5.9	13.1	66.6	3.1	30.4
Mountain.....	78.5	17.1	4.4	78.0	17.2	4.8	81.7	16.7	1.7
Pacific.....	69.8	27.7	2.5	69.9	28.7	1.4	67.9	24.1	8.0

Of the 6,361,502 farms in the United States as a whole in 1910, 4,771,063, or 75 per cent, were operated by native white farmers; 669,556, or 10.5 per cent, by foreign-born whites; and 920,883, or 14.5 per cent, by negroes and other nonwhites. These percentages may be compared with those showing the distribution of the total male population of voting age. Of the males 21 years of age and over in the United States in 1910, 65.6 per cent were native whites, 24.6 per cent foreign-born whites, and 9.8 per cent colored.

The colored farmers are for the most part in the Southern states. In the South Atlantic and East South Central divisions nearly one-third of the farm operators are colored, and in the West South Central between one-fourth and one-fifth; while in each of the four divisions constituting the North the proportion is below 1 per cent, and in the Mountain and Pacific divisions (where this class of farmers is made up chiefly

of Indians, Chinese, and Japanese) the proportions are only 4.4 per cent and 2.5 per cent, respectively. Nearly all of the foreign-born white farmers are in the North and West.

NUMBER OF FARMS, CLASSIFIED BY COLOR AND NATIVITY OF OPERATOR: 1910.

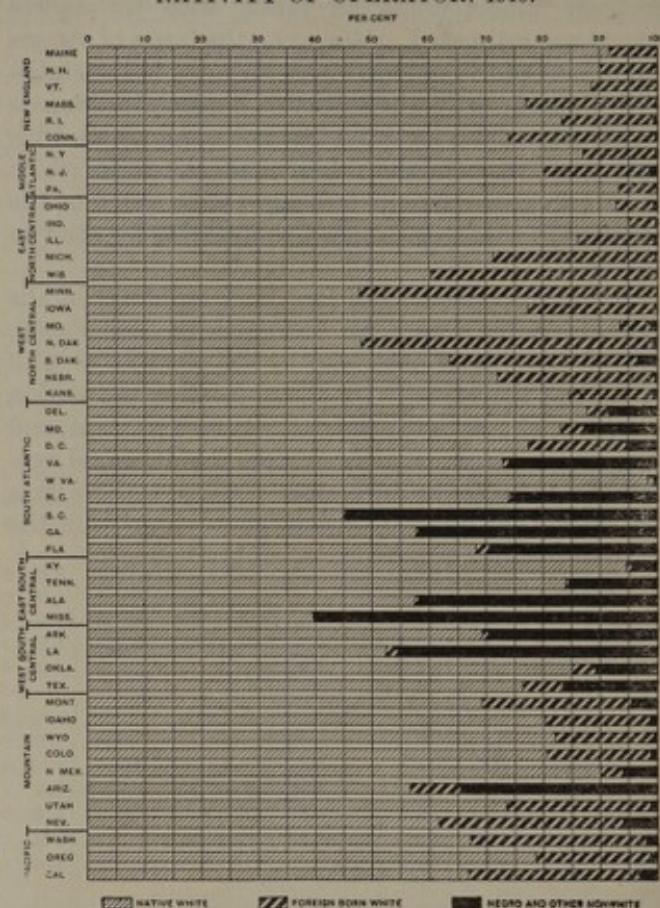


Table 13 shows the proportion of the native white, foreign-born white, and colored farm operators, respectively, who were in each of the three general tenure groups in 1910.

DIVISION.	PER CENT OF NATIVE WHITE FARM OPERATORS.			PER CENT OF FOREIGN-BORN WHITE FARM OPERATORS.			PER CENT OF NEGRO AND OTHER NONWHITE FARM OPERATORS.		
	Owners.	Tenants.	Managers.	Owners.	Tenants.	Managers.	Owners.	Tenants.	Managers.
United States.....	66.3	32.7	1.0	81.4	17.6	1.0	26.2	73.6	0.2
New England.....	89.6	7.7	2.7	87.2	9.3	3.5	79.2	15.2	5.6
Middle Atlantic.....	75.5	22.4	1.9	79.0	18.6	2.4	72.1	24.2	3.7
East North Central.....	69.5	29.5	1.0	84.6	14.7	0.7	68.4	38.3	1.3
West North Central.....	64.3	34.8	0.9	80.7	18.9	0.4	74.7	24.5	0.8
South Atlantic.....	64.8	34.2	1.0	84.8	11.7	3.4	28.7	71.1	0.2
East South Central.....	62.9	36.7	0.4	81.1	17.8	1.2	18.1	81.9	0.1
West South Central.....	51.6	47.8	0.6	62.7	36.8	0.5	27.6	72.3	0.1
Mountain.....	87.1	11.2	1.7	88.3	10.4	1.3	95.6	4.1	0.3
Pacific.....	80.1	16.8	3.1	83.1	15.0	1.9	43.8	54.5	1.7



FARM OPERATORS CLASSIFIED BY COLOR AND NATIVITY AND BY TENURE, BY DIVISIONS AND STATES: 1910.

Table 14 DIVISION OR STATE.	ALL FARM OPERATORS.				NATIVE WHITE FARM OPERATORS.				FOREIGN-BORN WHITE FARM OPERATORS.				NEGRO AND OTHER NONWHITE FARM OPERATORS.			
	Total.	Owners.	Tenants.	Man-agers.	Total.	Owners.	Tenants.	Man-agers.	Total.	Own-ers.	Ten-ants.	Man-agers.	Total.	Own-ers.	Ten-ants.	Man-agers.
United States.....	6,361,502	3,948,722	2,354,676	58,104	4,771,063	3,162,584	1,558,392	50,087	669,556	544,917	118,166	6,473	920,883	241,221	678,118	1,544
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	188,802	108,408	15,015	5,379	161,009	144,212	12,395	4,402	27,451	23,925	2,508	958	342	271	52	19
Middle Atlantic.....	468,379	355,036	104,271	9,072	419,342	316,426	95,030	7,886	47,076	37,196	8,766	1,114	1,961	1,414	475	72
East North Central.....	1,123,489	809,044	303,597	10,848	929,619	646,032	274,112	9,475	188,153	159,104	27,750	1,299	5,717	3,908	1,735	74
West North Central.....	1,109,948	758,946	342,618	8,384	830,642	534,209	289,255	7,127	269,442	217,317	50,944	1,181	9,864	7,369	2,419	76
South Atlantic.....	1,111,881	593,154	510,429	8,298	748,878	485,134	256,412	7,332	7,141	6,059	836	246	355,802	101,961	253,181	720
East South Central.....	1,042,480	510,452	528,738	3,290	712,443	447,808	261,630	2,985	4,819	3,907	856	56	325,218	58,737	266,232	249
West South Central.....	943,186	440,905	497,585	4,696	692,624	357,128	331,233	4,263	41,501	26,008	15,291	202	209,061	57,769	151,061	231
Mountain.....	183,446	160,844	19,699	2,912	143,991	125,426	16,079	2,486	31,427	27,743	3,280	404	8,028	7,675	331	22
Pacific.....	189,891	151,933	32,733	5,225	132,515	106,158	22,226	4,131	32,546	43,658	7,875	1,013	4,830	2,117	2,632	81
<b>NEW ENGLAND:</b>																
Maine.....	60,016	56,454	2,563	999	55,014	51,798	2,280	930	4,973	4,631	274	68	29	25	3	1
New Hampshire.....	27,053	24,493	1,879	681	24,347	22,143	1,612	592	2,691	2,338	265	88	15	12	2	1
Vermont.....	32,709	28,065	4,008	636	28,968	24,789	3,603	576	3,721	3,259	403	59	20	17	2	1
Massachusetts.....	36,917	32,075	2,979	1,863	28,431	24,857	2,173	1,401	8,362	7,109	795	458	124	109	11	4
Rhode Island.....	5,292	4,087	954	251	4,408	3,466	743	199	843	592	199	52	41	29	12	.....
Connecticut.....	26,815	23,234	2,632	949	19,841	17,159	1,978	704	6,861	5,996	632	233	113	79	22	12
<b>MIDDLE ATLANTIC:</b>																
New York.....	215,597	166,674	44,872	4,051	187,629	144,850	39,389	3,390	27,029	21,016	5,366	647	939	808	117	14
New Jersey.....	33,487	24,133	8,294	1,060	26,796	18,833	7,137	826	6,215	5,035	973	207	476	265	184	27
Pennsylvania.....	219,295	164,229	51,105	3,961	204,917	152,743	48,504	3,670	13,832	11,145	2,427	260	546	341	174	31
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	272,045	192,104	77,188	2,753	232,645	176,502	73,508	2,545	17,430	14,289	2,981	180	1,959	1,313	609	28
Indiana.....	215,485	148,501	64,687	2,297	204,951	139,869	62,878	2,204	9,729	8,160	1,491	78	805	472	318	15
Illinois.....	251,872	145,107	104,379	2,386	217,053	123,907	91,014	2,132	33,394	20,411	12,747	236	1,425	789	618	18
Michigan.....	206,960	172,310	32,689	1,961	147,790	118,660	27,609	1,321	58,224	52,865	4,928	431	946	785	152	9
Wisconsin.....	177,127	151,022	24,654	1,451	107,180	87,094	19,013	1,073	69,356	63,379	5,603	374	591	549	38	4
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	156,137	122,104	32,811	1,222	74,710	52,427	21,446	837	81,134	69,483	11,268	383	293	194	97	2
Iowa.....	217,044	133,003	82,115	1,926	167,856	98,615	67,547	1,694	48,987	34,252	14,505	230	201	136	63	2
Missouri.....	277,244	192,285	82,958	2,001	259,111	177,620	79,609	1,882	14,467	12,556	1,833	78	3,666	2,109	1,516	41
North Dakota.....	74,360	63,212	10,664	484	35,750	29,082	6,352	316	37,867	33,403	4,298	166	743	727	14	2
South Dakota.....	77,644	57,984	19,231	429	49,360	35,011	14,024	325	25,476	20,237	5,142	97	2,808	2,736	65	7
Nebraska.....	129,678	79,250	49,441	987	93,509	52,357	40,296	856	35,707	26,524	9,053	139	462	369	92	1
Kansas.....	177,841	111,108	65,398	1,335	150,346	89,148	59,981	1,217	25,804	20,862	4,845	97	1,091	1,098	572	21
<b>SOUTH ATLANTIC:</b>																
Delaware.....	10,836	6,178	4,535	123	9,504	5,448	3,956	100	410	324	79	7	922	406	500	16
Maryland.....	48,923	33,519	14,416	988	40,669	28,047	11,797	825	1,882	1,522	284	76	6,372	3,950	2,335	87
District of Columbia.....	217	118	84	15	168	82	75	11	37	28	6	3	12	8	3	1
Virginia.....	154,018	133,664	48,729	1,625	134,155	99,862	32,884	1,409	1,749	1,574	139	36	48,114	32,228	15,706	180
West Virginia.....	96,685	75,978	19,835	872	95,138	74,074	19,606	858	839	746	86	7	708	558	143	7
North Carolina.....	253,725	145,320	107,287	1,118	187,657	123,510	63,115	1,032	412	367	33	12	65,656	21,443	44,139	74
South Carolina.....	176,434	64,350	111,221	863	79,424	43,834	34,862	728	212	144	64	4	96,798	20,372	76,293	131
Georgia.....	291,027	98,628	190,980	1,419	168,083	82,634	84,167	1,282	385	296	75	14	122,559	15,698	106,738	123
Florida.....	50,016	35,399	13,342	1,275	34,080	27,043	5,950	1,087	1,215	1,058	70	87	14,721	7,298	7,322	101
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	259,185	170,332	87,860	963	245,499	162,736	81,837	926	1,956	1,667	262	27	11,730	5,929	5,761	40
Tennessee.....	246,012	144,125	101,061	826	206,821	132,710	73,347	764	883	715	157	11	38,308	10,700	27,557	51
Alabama.....	262,901	103,929	158,326	646	151,214	85,734	64,894	586	1,244	1,113	123	8	110,443	17,082	93,399	52
Mississippi.....	274,382	92,066	181,491	825	108,909	66,628	41,572	709	736	412	314	16	164,737	25,026	139,605	106
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	214,678	106,649	107,266	763	148,627	89,839	58,081	707	2,458	2,148	300	10	63,593	14,662	48,885	46
Louisiana.....	120,546	52,989	66,607	950	63,236	40,815	21,587	834	2,431	1,449	943	39	54,879	10,725	44,077	77
Oklahoma.....	190,192	85,404	104,137	651	161,773	68,564	92,607	602	7,748	5,090	2,036	22	20,671	11,150	9,494	27
Texas.....	417,770	195,863	219,575	2,332	318,988	157,910	158,938	2,120	28,864	16,721	12,012	131	69,018	21,232	48,005	81
<b>MOUNTAIN:</b>																
Montana.....	26,214	23,365	2,344	505	18,165	15,985	1,771	409	6,853	6,213	547	93	1,196	1,167	26	3
Idaho.....	30,807	27,169	3,188	450	24,694	21,514	2,781	399	5,708	5,312	345	51	405	343	62	.....
Wyoming.....	10,987	9,779	897	311	9,019	7,965	795	259	1,903	1,753	99	51	65	61	3	1
Colorado.....	46,170	36,993	8,390	787	37,198	29,891	6,711	686	8,398	6,726	1,572	100	574	466	107	1
New Mexico.....	35,676	33,398	1,957	321	32,088	30,046	1,742	300	1,440	1,231	192	17	2,148	2,121	23	4
Arizona.....	9,227	8,203	861	163	5,218	4,410	683	125	806	644	135	27	3,203	3,149	43	11
Utah.....	21,676	19,762	1,720	194	15,948	14,380	1,404	164	5,452	5,166	257	29	276	216	59	1
Nevada.....	2,689	2,175	333	181	1,661	1,325	192	144	867	698	133	36	161	132	8	1
<b>PACIFIC:</b>																
Washington.....	56,192	47,505	7,726	961	37,770	31,163	5,838	769	17,297	15,641	1,475	181	1,125	701	413	11
Oregon.....	45,562	37,796	6,859	847	35,819	29,215	5,883	721	9,056	8,163	835	118	627	478	141	8
California.....	88,197	66,632	18,148	3,417	58,926	45,780	10,505	2,641	26,193	19,914	5,565	714	3,078	938	2,078	62



Table 13 brings out the fact that in each of the geographic divisions except New England a larger proportion of the foreign-born white farmers than of the native white own their farms, the percentages for the United States as a whole in 1910 being, respectively, 81.4 and 66.3. This difference is largely due to the fact that the foreign-born white farmers are on the average considerably older than the native white. Most of the former have been in this country a good many years, as comparatively few of the more recent immigrants have gone to the farms. A large proportion of the native white tenants consist of young men,

sons of farmers, who have only recently begun the independent operation of farms, and who expect to buy land later. In the country as a whole the proportion of owners is very much lower among colored farmers (26.2 per cent in 1910) than among either the native white or the foreign-born white; but there is a great difference in this respect between the South and the rest of the country.

**Number of farmers, classified by color: 1910 and 1900.**—Table 15 shows, by geographic divisions, for 1910 and 1900, the number of farm operators who were whites, negroes, Indians, Chinese, and Japanese, respectively.

DIVISION.	ALL FARM OPERATORS.		WHITE FARM OPERATORS.		COLORED FARM OPERATORS.									
					Total.		Negroes.		Indians.		Chinese.		Japanese.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States.....	6,361,502	5,737,372	5,440,619	4,969,608	929,883	767,764	893,370	746,715	24,251	19,910	760	1,100	2,502	39
New England.....	188,802	191,888	188,460	191,594	342	294	310	264	32	29	.....	1	.....	.....
Middle Atlantic.....	468,379	485,618	466,418	483,772	1,961	1,846	1,310	1,497	638	337	5	12	8	.....
East North Central.....	1,123,489	1,135,823	1,117,772	1,129,810	5,717	6,013	4,843	5,179	870	830	2	4	2	.....
West North Central.....	1,109,948	1,090,744	1,100,084	1,049,857	9,864	10,887	5,589	7,076	4,252	3,807	2	4	21	.....
South Atlantic.....	1,111,881	962,225	756,019	673,354	355,862	288,871	354,530	287,933	1,303	935	13	3	16	.....
East South Central.....	1,042,480	903,313	717,262	635,418	325,218	267,895	324,884	267,530	333	365	1	.....	.....	.....
West South Central.....	943,186	754,853	734,125	570,949	209,061	183,904	201,422	176,899	7,584	6,989	10	16	45	.....
Mountain.....	183,446	101,327	175,418	96,521	8,028	4,806	219	133	7,523	4,551	91	122	195	.....
Pacific.....	189,891	141,581	185,061	138,333	4,830	3,248	263	204	1,716	2,067	636	938	2,215	39

In the country as a whole the number of negro farmers increased much more rapidly between 1900 and 1910 than that of white farmers, the respective percentages of increase being 19.6 and 9.5. Only 1.4 per cent of all the negro farmers in 1910 were outside of the three divisions constituting the South, and it is noteworthy that the number in the North was smaller in 1910 than in 1900. The number of Chinese

and Japanese farmers at both censuses was small, but the latter made a remarkable increase during the decade, while the former fell off considerably in number.

**Country of birth of white farmers: 1910.**—Table 16 shows, for 1910, by geographic divisions, the number of white farm operators born in each of the leading countries from which the United States receives immigrants.

Table 16		WHITE FARM OPERATORS.											
DIVISION.	Total.	Born in United States.	Born in foreign countries.										
			Total.	Austria.	Hun- gary.	Great Britain and Ireland.					France.	Germany.	
						Total.	England.	Ireland.	Scot- land.	Wales.			
United States.....	5,440,619	4,763,256	669,556	33,336	3,827	87,538	39,728	33,480	10,220	4,110	5,832	221,800	
New England.....	188,460	160,196	27,451	843	248	7,092	2,429	3,751	714	198	306	2,481	
Middle Atlantic.....	466,418	417,730	47,076	1,868	538	14,470	5,716	7,103	999	652	668	15,601	
East North Central.....	1,117,772	927,524	188,153	6,874	840	20,800	10,332	7,466	2,080	922	1,353	79,813	
West North Central.....	1,100,084	829,467	269,442	14,761	1,394	21,950	8,805	9,094	2,786	1,265	1,173	87,935	
South Atlantic.....	756,019	748,411	7,141	344	165	2,141	1,134	633	313	61	112	2,635	
East South Central.....	717,262	712,116	4,819	121	62	1,072	467	467	120	18	108	1,920	
West South Central.....	734,125	691,971	41,501	6,173	264	2,853	1,558	781	417	97	650	15,420	
Mountain.....	175,418	143,699	31,427	1,021	147	8,340	4,932	1,484	1,362	562	355	5,147	
Pacific.....	185,061	132,142	52,546	1,331	169	8,820	4,355	2,701	1,429	335	1,107	10,848	

DIVISION.	Born in foreign countries—Continued.												Country of birth not reported.
	Holland.	Italy.	Russia.	Poland.	Scandinavian countries.				Switzer- land.	Other Euro- pean coun- tries.	Canada.	All other countries. <sup>1</sup>	
					Total.	Den- mark.	Norway.	Sweden.					
United States.....	13,790	10,614	25,788	7,228	155,570	28,375	59,742	67,453	14,333	17,689	61,878	10,333	7,807
New England.....	75	652	1,169	372	2,278	390	141	1,747	207	948	10,611	169	813
Middle Atlantic.....	1,143	2,370	1,919	411	2,908	553	109	2,246	895	379	3,807	99	1,612
East North Central.....	6,710	654	1,941	3,466	32,560	5,739	13,330	13,491	4,062	4,527	24,262	291	2,095
West North Central.....	4,827	404	16,245	2,179	95,475	14,846	41,015	39,614	3,863	5,331	13,356	549	1,175
South Atlantic.....	52	214	143	69	407	124	93	190	247	75	443	94	467
East South Central.....	26	392	44	27	382	73	64	245	391	84	148	42	327
West South Central.....	139	2,089	1,686	562	2,276	491	404	1,381	712	842	847	6,988	653
Mountain.....	393	1,067	1,058	47	8,407	3,097	1,683	3,627	1,023	593	3,038	791	292
Pacific.....	425	2,772	1,583	95	10,877	3,062	2,903	4,912	2,933	4,910	5,366	1,310	373

<sup>1</sup> Includes those born at sea.



The foreign countries which have contributed the largest number of farm operators to the United States are Germany, Sweden, Canada, Norway, England, Ireland, Austria, Denmark, and Russia, in the order named. It should be noted that this order by no means corresponds to the order in which the various foreign countries have contributed to the total population of the United States.

The immigrants from certain countries, notably Ireland, Italy, and Russia, have nearly all gone into pursuits other than agricultural.

**Color and tenure of farmers in the South: 1910 and 1900.**—On account of the large number of colored farmers in the South, more detailed statistics regarding the two principal race groups are presented for that section than for the North and West.

Table 17 shows, for the South as a whole and for each of the geographic divisions composing it, the number, total and improved acreage, and value of land and buildings in 1910 and 1900, for farms of

white and colored farmers, respectively, with a further classification according to tenure. It also shows, by percentages, the distribution of the respective totals between the two color groups and among the six subgroups formed by combination of the tenure classification with that according to color.

In the South as a whole in 1910 white farmers constituted 71.3 per cent of the total number of farmers and colored farmers 28.7 per cent. Of the total farm acreage, however, 88 per cent was in farms operated by white and 12 per cent in farms operated by colored farmers; and of the improved land in farms, 81.6 per cent was in farms operated by white farmers and 18.4 per cent in farms operated by colored farmers.

Whites constituted a smaller proportion of the total number of farmers and the farms operated by them contained a smaller proportion of the total land in farms in 1910 than in 1900, but there was no change in the proportion of improved land in farms operated by the two race groups.

DIVISION AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		PER CENT OF TOTAL.							
									Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>THE SOUTH.</b>	3,097,547	2,620,391	354,452,860	362,036,351	150,690,852	126,108,093	\$7,353,431,195	\$3,279,021,509	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White farmers:																
Total	2,207,406	1,879,721	311,843,743	323,424,305	122,955,109	102,893,486	6,453,298,861	2,898,740,541	71.3	71.7	88.0	89.3	81.6	81.6	87.8	88.4
Owners	1,326,044	1,183,806	214,923,693	209,756,484	79,582,541	69,940,143	4,225,935,087	1,947,821,958	42.8	45.2	60.6	57.9	52.8	55.5	57.4	59.4
Managers	15,084	17,172	24,316,249	50,877,426	3,126,063	3,051,584	367,948,147	220,573,800	0.5	0.7	6.9	14.1	2.1	2.4	5.0	6.7
Tenants	866,278	678,743	72,603,801	62,790,395	40,246,475	29,901,759	1,861,415,627	730,344,725	28.0	25.9	23.0	17.3	26.7	23.7	25.3	22.3
Colored farmers:																
Total	890,141	740,670	42,609,117	38,612,046	27,735,743	23,214,607	900,132,334	380,280,968	28.7	28.3	12.0	10.7	18.4	18.4	12.2	11.6
Owners	218,467	186,676	15,691,536	13,358,684	7,531,119	6,029,805	272,992,238	106,619,328	7.1	7.1	4.4	3.7	5.0	4.8	3.7	3.3
Managers	1,200	1,363	349,779	428,518	108,249	127,742	10,371,949	5,544,310	(1)	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Tenants	670,474	552,631	26,567,802	24,824,844	20,096,375	17,060,060	616,768,147	268,117,330	21.6	21.1	7.5	6.9	13.3	13.5	8.4	8.2
<b>South Atlantic.</b>	1,111,881	942,225	103,782,255	104,297,506	48,479,733	46,100,226	2,486,436,474	1,206,349,615	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White farmers:																
Total	756,019	673,354	86,106,873	88,660,241	37,489,664	37,204,364	2,118,729,406	1,072,961,890	68.0	70.0	83.0	85.0	77.3	80.7	85.2	88.9
Owners	491,193	442,396	63,483,405	64,498,437	25,148,320	25,700,843	1,487,725,662	741,156,350	44.2	46.0	61.2	61.8	53.9	55.7	59.8	61.4
Managers	7,578	8,145	3,219,019	3,260,530	1,167,797	1,220,873	119,811,609	60,596,740	0.7	0.8	3.1	3.1	2.4	2.6	4.8	5.0
Tenants	257,248	222,813	19,404,449	20,901,274	10,173,547	10,282,648	511,192,135	271,208,770	23.1	23.2	18.7	20.0	21.0	22.3	20.6	22.5
Colored farmers:																
Total	355,862	288,871	17,675,382	15,637,265	10,990,069	8,895,862	367,707,068	133,387,758	32.0	30.0	17.0	15.0	22.7	19.3	14.8	11.1
Owners	101,961	85,116	5,646,378	4,427,439	2,695,947	2,099,232	105,568,619	36,982,908	9.2	8.8	5.4	4.2	6.6	4.6	4.2	3.1
Managers	720	970	145,371	201,074	61,287	66,734	5,727,681	2,937,580	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2
Tenants	253,181	202,785	11,883,633	11,008,752	8,232,835	6,729,896	256,410,768	95,467,270	22.8	21.1	11.5	10.6	17.0	14.6	10.3	7.7
<b>East South Central.</b>	1,042,480	903,313	81,520,629	81,247,643	43,946,846	40,237,337	1,738,397,839	933,780,823	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White farmers:																
Total	717,262	635,418	67,924,912	68,626,325	34,390,317	32,045,709	1,458,730,081	802,327,213	68.8	70.3	83.3	84.5	78.3	79.6	83.9	85.2
Owners	451,715	413,775	52,592,020	53,543,623	25,170,277	23,660,079	1,064,815,312	588,037,473	43.3	45.8	64.5	65.9	57.3	58.8	61.3	63.0
Managers	3,041	4,372	1,527,107	1,563,062	532,554	614,397	45,025,391	26,246,880	0.3	0.5	1.9	1.9	1.3	1.5	2.6	2.8
Tenants	262,506	217,271	13,805,785	13,519,640	8,667,486	7,771,233	348,889,378	188,042,860	25.2	24.1	16.9	16.6	19.7	19.3	20.1	20.1
Colored farmers:																
Total	325,218	267,895	13,595,717	12,621,318	9,556,529	8,191,628	279,667,758	131,453,610	31.2	29.7	16.7	15.5	21.7	20.4	16.1	14.1
Owners	58,737	49,911	4,539,952	3,837,853	2,213,645	1,714,020	70,937,214	28,539,910	5.6	5.5	5.6	4.7	5.0	4.3	4.1	3.1
Managers	249	324	70,360	60,388	26,237	25,866	2,572,270	1,282,910	(1)	(1)	0.1	0.1	0.1	0.1	0.1	0.1
Tenants	266,232	217,660	8,979,405	8,723,077	7,316,647	6,451,742	206,158,274	101,630,790	25.5	24.1	11.0	10.7	16.6	16.0	11.9	10.9
<b>West South Central.</b>	943,186	754,833	169,149,976	176,491,202	58,264,273	59,770,530	3,128,596,882	1,138,891,068	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White farmers:																
Total	734,125	570,949	157,811,958	166,137,739	51,075,128	53,643,413	2,875,839,374	1,023,451,468	77.8	75.6	93.3	94.1	87.7	84.6	91.9	89.9
Owners	383,136	327,635	98,848,268	91,714,424	28,263,944	20,579,221	1,671,394,113	618,628,135	40.6	43.4	88.4	92.0	48.5	51.7	53.4	54.3
Managers	4,465	4,655	19,570,123	46,053,834	1,405,742	1,216,514	203,111,147	133,730,240	0.5	0.6	11.6	26.1	2.4	3.1	6.5	11.7
Tenants	346,524	238,659	39,393,567	28,369,481	21,405,442	11,847,878	1,001,334,114	271,093,093	36.7	31.6	23.3	16.1	36.7	29.8	32.0	23.8
Colored farmers:																
Total	209,061	183,904	11,338,018	10,353,463	7,189,145	6,127,117	252,757,508	115,439,600	22.2	24.4	6.7	5.9	12.3	15.4	8.1	10.1
Owners	57,769	51,649	5,505,206	5,093,392	2,621,527	2,213,553	96,486,405	41,096,510	6.1	6.8	3.3	2.9	4.5	5.6	3.1	3.6
Managers	231	299	128,048	167,056	20,725	35,112	2,071,998	1,323,839	(1)	(1)	0.1	0.1	(1)	0.1	0.1	0.1
Tenants	151,061	131,956	5,704,764	5,093,015	4,546,893	3,878,452	154,199,105	73,019,270	16.0	17.5	3.4	2.9	7.8	9.8	4.9	6.4

<sup>1</sup> Less than one-tenth of 1 per cent.

Table 18, on the following page, shows percentages of increase based on the preceding table.

The number of colored farmers in the South increased 20.2 per cent during the decade 1900 to 1910, as compared with an increase of 17.4 per cent

in the number of white farmers. The acreage of land in farms operated by white farmers decreased somewhat in each geographic division of the South, while the acreage in farms operated by colored farmers increased in each of the three divisions, the percentages



ranging from 7.7 to 13. In the South as a whole the value of land and buildings of farms operated by white farmers increased 122.6 per cent during the decade, as compared with an increase of 136.7 per cent for farms operated by colored farmers; in the West South Central division, however, the percentage of increase was higher for farms of white farmers than for those of colored farmers.

The number of tenants in the South, both white and colored, increased more rapidly between 1900 and 1910 than the number of farm owners. In the case of farms operated by white farmers, the total acreage, improved acreage, and value of land and buildings also increased more rapidly for tenant farms than for those operated by owners, while the opposite was true of farms operated by colored farmers.

Table 18

DIVISION AND CLASS OF OPERATOR.	PER CENT OF INCREASE: <sup>1</sup> 1900 TO 1910															
	Number of farms.				All land in farms.				Improved land in farms.				Value of land and buildings.			
	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.
<b>The South:</b>																
White farmers.....	17.4	12.0	-12.2	27.6	-3.6	2.5	-52.2	15.6	19.5	13.8	2.4	34.6	122.6	116.9	66.8	154.9
Colored farmers.....	20.2	17.0	-24.7	21.4	10.4	17.5	-18.4	7.0	19.5	25.0	-15.3	17.8	136.7	156.0	87.1	130.0
<b>SOUTH ATLANTIC:</b>																
White farmers.....	12.3	11.0	-7.0	15.5	-2.9	-1.6	-1.3	-7.2	0.8	1.7	-4.3	-1.1	97.5	100.7	97.7	88.5
Colored farmers.....	23.2	19.8	-25.8	24.9	13.0	27.5	-27.7	7.9	23.5	28.4	-8.2	22.3	175.7	185.5	95.0	174.3
<b>EAST SOUTH CENTRAL:</b>																
White farmers.....	12.9	9.2	-30.4	20.8	-1.0	-1.8	-2.3	2.1	7.3	6.4	-10.1	11.5	81.8	81.1	71.5	85.5
Colored farmers.....	21.4	17.7	-23.1	22.3	7.7	18.3	26.4	2.9	16.7	29.1	1.4	13.4	112.8	148.6	100.5	162.9
<b>WEST SOUTH CENTRAL:</b>																
White farmers.....	28.6	16.9	-4.1	45.2	-5.0	7.8	-57.5	38.9	51.8	37.3	15.6	80.7	181.0	170.2	51.9	200.4
Colored farmers.....	13.7	11.8	-22.7	14.5	9.5	8.1	-23.4	12.0	17.3	18.4	-41.0	17.2	119.0	134.8	56.5	111.2

<sup>1</sup> A minus sign (-) denotes decrease.

In Table 19 the number, total and improved acreage, and value of land and buildings of farms operated by white farmers are distributed by percentages among the three tenure classes, and a corresponding distribution is made for the farms operated by colored farmers. The percentages therefore have a different significance from those shown in Table 17, and afford a more convenient means of comparing conditions among the white and the colored farmers.

In 1910, 60.1 per cent of the white farmers in the South as a whole were owners, as against 24.5 per cent of the colored farmers. The proportion of the total farm acreage which was in farms operated by owners was 68.9 per cent for farms operated by white farmers and 36.8 per cent for those operated by colored farmers.

The changes between 1900 and 1910 with regard to the number, acreage, and value of farms operated by the two race groups, respectively, in the South Atlantic and East South Central divisions were quite different from those in the West South Central division.

In the South as a whole, among both white and colored farm operators, owners reported a larger proportion of the total farm acreage in 1910 than in 1900. In the case of white farmers the proportion of land in tenant farms also increased, while there was a marked decrease in the proportion of land in farms operated by white managers (mainly due to a large decrease in the West South Central division). In the case of colored farmers, however, the proportion of land which was in tenant farms was lower in 1910 than in 1900.

Table 19

DIVISION AND CLASS OF OPERATOR.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
<b>THE SOUTH</b>								
<b>White farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	60.1	63.0	68.9	64.9	64.7	68.0	65.5	67.2
Managers.....	0.7	0.9	7.8	15.7	2.5	3.0	5.7	7.6
Tenants.....	39.2	36.1	23.3	19.4	32.7	29.1	28.8	25.2
<b>Colored farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	24.5	25.2	36.8	34.6	27.2	26.0	30.3	28.0
Managers.....	0.1	0.2	0.8	1.1	0.4	0.6	1.2	1.5
Tenants.....	75.3	74.6	62.4	64.3	72.5	73.5	68.5	70.5
<b>SOUTH ATLANTIC.</b>								
<b>White farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	65.0	65.7	73.7	72.7	69.7	69.1	70.2	69.1
Managers.....	1.0	1.2	3.7	3.7	3.1	3.3	5.7	5.6
Tenants.....	34.0	33.1	22.5	23.6	27.1	27.6	24.1	25.3
<b>Colored farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	28.7	29.5	31.9	28.3	24.5	23.6	28.7	27.7
Managers.....	0.2	0.3	0.8	1.3	0.6	0.8	1.6	2.2
Tenants.....	71.1	70.2	67.2	70.4	74.9	75.7	69.7	70.1
<b>EAST SOUTH CENTRAL.</b>								
<b>White farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	63.0	65.1	77.4	78.0	73.2	73.8	73.0	73.3
Managers.....	0.4	0.7	2.2	2.3	1.6	1.9	3.1	3.3
Tenants.....	36.6	34.2	20.3	19.7	25.2	24.3	23.9	23.4
<b>Colored farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	18.1	18.6	33.4	30.4	23.2	20.9	25.4	21.7
Managers.....	0.1	0.1	0.6	0.5	0.3	0.3	0.9	1.0
Tenants.....	81.9	81.2	66.0	69.1	76.6	78.8	73.7	77.3
<b>WEST SOUTH CENTRAL.</b>								
<b>White farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	52.2	57.4	62.6	55.2	53.3	61.2	58.1	60.4
Managers.....	0.6	0.8	12.4	27.7	2.8	3.6	7.1	13.1
Tenants.....	47.2	41.8	25.0	17.1	41.9	35.2	34.8	26.5
<b>Colored farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	27.6	28.1	48.6	49.2	36.5	36.1	38.2	35.6
Managers.....	0.1	0.2	1.1	1.6	0.3	0.6	0.8	1.1
Tenants.....	72.3	71.8	50.3	49.2	63.2	63.3	61.0	63.2



Table 20 shows the average total and improved acreage per farm, the average value of land and buildings per farm and per acre, and the percentage of farm land improved, for farms classified according to the color and tenure of the farmer.

In the South as a whole the average size of the farms operated by white farmers in 1910 (141.3 acres) was nearly three times as great as that of the farms operated by colored farmers (47.9 acres). The difference was less marked in the South Atlantic and East South Central divisions than in the West South Central. The farms operated by white owners comprised on an average 162.1 acres, and those operated by colored owners 71.8 acres, while the farms of white tenants averaged 83.8 acres in size and those of colored tenants 39.6 acres. Between 1900 and 1910 the average size of farms operated by white owners decreased, while that of farms operated by colored owners increased. On the other hand, colored tenants as well as white tenants had smaller farms in 1910 than in 1900.

While the farms of colored farmers are smaller than those of the whites, they consist more largely of improved land. In the South as a whole in 1910 the proportion of improved land for the farms of white farmers was 39.4 per cent, as compared with 65.1 per cent for the farms of colored farmers. The differences in this respect, however, are less conspicuous when farms of similar tenure are compared.

In the South as a whole the average value of land and buildings per acre was in 1910 higher for farms of colored farmers than for those of white farmers—\$21.13 as compared with \$20.69. This is the effect of conditions in the West South Central division, the average value being higher for farms of white farmers in the other two divisions of the South. Between 1900 and 1910 there was a great increase in the average value per acre in the case of farms of all three classes of tenure operated by farmers of both color groups. In the South Atlantic and East South Central divisions the relative increases were in most cases somewhat more marked for farms operated by colored farmers than for those operated by whites, while in the West South Central division the opposite was the case.

In the South as a whole the average value of land and buildings per farm in 1910 for farms operated by white farmers was \$2,923, or nearly three times the average value for farms operated by colored farmers, which was \$1,011. The percentage of increase between 1900 and 1910, however, was somewhat greater in the average value for farms of colored farmers than in that for farms of white farmers.

Table 21, on the next page, shows, for each of the Southern states, the number, total and improved acreage, and value of land and buildings of farms operated by white and by colored farmers, with a further distinction according to tenure.

Table 20  DIVISION AND CLASS OF OPERATOR.	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land in farms.		Improved land in farms.				Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
THE SOUTH										
White farmers:										
Total.....	141.3	172.1	55.7	54.7	39.4	31.8	\$2,923	\$1,542	\$20.69	\$8.96
Owners.....	162.1	177.2	60.0	59.1	37.0	33.3	3,185	1,645	19.65	9.29
Managers.....	1,612.1	2,962.8	207.2	177.7	12.9	6.0	24,393	12,845	15.13	4.34
Tenants.....	83.8	92.6	46.5	44.1	55.4	47.6	2,149	1,076	25.64	11.63
Colored farmers:										
Total.....	47.9	52.1	31.2	31.3	65.1	60.1	1,011	513	21.13	9.85
Owners.....	71.8	71.6	34.5	32.3	48.0	45.1	1,250	571	17.40	7.98
Managers.....	291.5	269.0	90.2	80.2	30.9	29.8	8,643	3,480	29.65	12.94
Tenants.....	39.6	44.9	30.0	30.9	75.6	68.7	920	435	23.21	10.80
SOUTH ATLANTIC.										
White farmers:										
Total.....	113.9	131.7	49.6	55.3	43.5	42.0	2,802	1,593	24.61	12.10
Owners.....	129.2	145.8	53.2	58.1	41.2	39.8	3,029	1,675	23.43	11.49
Managers.....	424.8	400.3	154.1	149.9	36.3	37.4	15,810	7,440	37.22	18.58
Tenants.....	75.4	93.8	39.5	46.1	52.4	49.2	1,987	1,217	26.34	12.98
Colored farmers:										
Total.....	49.7	54.1	30.9	30.8	62.2	56.9	1,033	462	20.80	8.53
Owners.....	55.4	52.0	26.4	24.7	47.7	47.4	1,035	435	18.70	8.35
Managers.....	201.9	207.3	85.1	68.8	42.2	33.2	7,955	3,028	39.40	14.61
Tenants.....	46.9	54.3	32.5	33.2	69.3	61.1	1,013	461	21.53	8.49
EAST SOUTH CENTRAL.										
White farmers:										
Total.....	94.7	108.0	47.9	50.4	50.6	46.7	2,034	1,263	21.48	11.69
Owners.....	116.4	129.4	55.7	57.2	47.9	44.2	2,357	1,421	20.25	10.98
Managers.....	502.2	357.5	181.7	140.5	36.2	39.3	14,806	6,003	29.48	16.79
Tenants.....	52.6	62.2	33.0	35.8	62.8	57.5	1,329	865	25.27	13.91
Colored farmers:										
Total.....	41.8	47.1	29.4	30.6	70.3	64.9	860	491	20.57	10.42
Owners.....	77.3	76.9	37.7	34.3	48.8	44.7	1,208	572	15.63	7.44
Managers.....	306.7	186.4	105.4	79.8	34.4	42.8	10,330	3,960	33.69	21.24
Tenants.....	33.7	40.1	27.5	29.6	81.5	74.0	774	467	22.96	11.65
WEST SOUTH CENTRAL.										
White farmers:										
Total.....	215.0	291.0	69.6	58.9	32.4	20.3	3,917	1,793	18.22	6.16
Owners.....	258.0	279.9	73.8	62.8	28.6	22.4	4,362	1,888	16.91	6.75
Managers.....	4,883.0	9,893.4	314.8	261.3	7.2	2.6	45,490	28,728	10.38	2.90
Tenants.....	113.7	118.9	61.8	49.6	54.3	41.8	2,890	1,136	25.42	9.56
Colored farmers:										
Total.....	54.2	56.3	34.4	33.3	63.4	59.2	1,209	628	22.29	11.15
Owners.....	95.3	98.6	45.4	42.9	47.6	43.5	1,670	796	17.53	8.07
Managers.....	554.3	558.7	89.7	117.4	16.2	21.0	8,970	4,427	16.18	7.92
Tenants.....	37.8	38.6	30.1	29.4	79.7	76.2	1,021	553	27.03	14.34



NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY COLOR AND TENURE OF OPERATOR, FOR THE SOUTH, BY STATES: 1910 AND 1900.

Table 21		NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		STATE AND CLASS OF OPERATOR.		NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
STATE AND CLASS OF OPERATOR.		1910	1900	1910	1900	1910	1910			STATE AND CLASS OF OPERATOR.		1910	1900	1910	1900	1910	1910		
South Atlantic																			
DELAWARE.																			
White farmers:										South Atlantic—Con.									
Total.....		9,914	8,869	981,893	1,013,662	676,462	851,174,267			FLORIDA—continued.									
Owners.....		5,772	4,348	463,212	411,390	312,803	26,627,516			Colored farmers:									
Managers.....		107	116	18,709	14,621	15,533	1,630,480			Total.....		14,721	13,526	768,705	717,200	482,353	811,915,568		
Tenants.....		4,035	4,405	499,912	587,651	348,106	22,916,271			Owners.....		7,298	6,552	458,443	404,037	229,861	6,786,810		
Colored farmers:										Managers.....		101	93	9,974	12,385	4,252	738,890		
Total.....		922	818	56,973	52,566	37,076	1,981,716			Tenants.....		7,322	6,881	300,288	300,778	248,240	4,389,868		
Owners.....		406	332	13,615	12,373	9,274	547,551			East South Central									
Managers.....		16	15	2,395	1,525	2,034	145,800			KENTUCKY.									
Tenants.....		500	471	40,963	38,668	25,768	1,288,365			White farmers:									
Total.....		42,551	40,169	4,698,623	4,795,774	3,136,185	231,467,339			Total.....		247,455	223,429	21,748,350	21,531,566	14,010,777	620,427,464		
Owners.....		29,569	26,251	2,783,279	2,698,151	1,806,918	128,885,932			Owners.....		164,403	150,594	17,207,392	17,098,174	10,900,955	457,684,135		
Managers.....		901	947	193,930	193,449	120,254	23,296,191			Managers.....		953	1,543	310,942	353,312	171,131	16,459,067		
Tenants.....		12,081	12,971	1,721,414	1,904,174	1,209,013	79,285,216			Tenants.....		82,099	71,292	4,230,016	4,080,080	2,938,691	146,284,262		
Colored farmers:										Colored farmers:									
Total.....		6,372	5,843	358,517	374,301	218,582	10,269,784			Total.....		11,730	11,238	440,777	447,856	343,694	15,031,908		
Owners.....		3,950	3,262	122,039	101,491	76,564	3,924,773			Owners.....		5,929	5,402	255,363	236,150	185,789	7,154,168		
Managers.....		87	105	13,361	12,305	9,015	1,172,550			Managers.....		40	63	4,318	8,907	3,777	377,455		
Tenants.....		2,335	2,476	223,117	260,505	133,003	5,172,461			Tenants.....		5,761	5,773	181,096	202,799	154,328	7,500,285		
DISTRICT OF COLUMBIA.																			
White farmers:										Total.....		207,704	190,728	18,435,579	18,791,962	9,728,208	438,330,021		
Total.....		205	252	5,968	8,181	5,038	8,141,943			Owners.....		133,425	122,771	14,081,961	14,030,151	7,111,807	320,187,872		
Owners.....		110	128	2,371	2,779	2,069	2,231,400			Managers.....		775	1,204	317,247	371,788	109,140	10,188,313		
Managers.....		14	18	1,452	1,984	1,259	3,232,843			Tenants.....		73,504	66,753	4,036,371	4,390,023	2,507,261	107,953,836		
Tenants.....		81	106	2,145	3,418	1,710	2,677,700			Colored farmers:									
Colored farmers:										Total.....		38,308	33,895	1,606,078	1,550,096	1,162,276	42,192,566		
Total.....		12	17	95	308	95	89,400			Owners.....		10,700	9,426	590,676	493,824	349,092	12,179,780		
Owners.....		8	5	58	29	58	48,400			Managers.....		51	82	17,682	11,966	6,778	804,505		
Managers.....		1	2	4	21	4	8,000			Tenants.....		27,557	24,387	997,720	1,044,306	805,806	29,208,281		
Tenants.....		3	10	33	258	33	33,000			ALABAMA.									
Total.....		135,904	123,052	17,267,416	17,678,765	8,758,850	486,833,558			White farmers:									
Owners.....		101,436	87,589	13,334,122	12,786,864	6,802,428	374,781,761			Total.....		132,458	129,137	15,640,877	15,965,260	6,130,405	214,334,864		
Managers.....		1,445	1,897	630,340	733,678	306,482	26,023,611			Owners.....		86,847	79,362	11,813,387	12,348,537	3,944,413	149,586,796		
Tenants.....		33,023	33,566	3,292,954	4,138,223	1,649,940	86,028,186			Managers.....		594	802	349,285	347,089	115,087	6,550,964		
Colored farmers:										Tenants.....		65,017	48,973	3,478,205	3,269,634	2,070,905	58,197,104		
Total.....		48,114	44,834	2,238,220	2,229,118	1,111,208	45,224,504			Colored farmers:									
Owners.....		32,228	26,596	1,381,223	1,031,331	669,358	28,039,534			Total.....		110,443	94,083	5,091,435	4,720,167	3,563,176	73,918,727		
Managers.....		180	238	29,985	34,960	14,046	1,330,815			Owners.....		17,082	14,110	1,466,719	1,216,813	675,819	17,285,532		
Tenants.....		15,706	18,030	827,012	1,162,827	427,804	15,834,155			Managers.....		52	72	17,482	14,212	5,012	414,729		
Tenants.....		93,309	79,901	3,607,234	3,489,142	2,882,345	56,218,496			MISSISSIPPI.									
Total.....		109,645	92,124	12,100,106	12,337,537	4,520,927	185,637,732			White farmers:									
Owners.....		67,040	61,048	9,489,280	10,066,761	3,213,102	137,556,509			Total.....		109,645	92,124	12,100,106	12,337,537	4,520,927	185,637,732		
Managers.....		719	823	549,633	490,873	157,196	11,827,047			Owners.....		67,040	61,048	9,489,280	10,066,761	3,213,102	137,556,509		
Tenants.....		41,886	30,253	2,061,193	1,779,903	1,150,629	36,454,176			Managers.....		719	823	549,633	490,873	157,196	11,827,047		
Colored farmers:										Tenants.....		41,886	30,253	2,061,193	1,779,903	1,150,629	36,454,176		
Total.....		164,737	128,679	6,457,427	5,903,199	4,487,383	148,524,557			Colored farmers:									
Owners.....		25,026	20,973	2,227,194	1,891,066	1,002,345	34,317,764			Total.....		164,737	128,679	6,457,427	5,903,199	4,487,383	148,524,557		
Managers.....		106	107	36,878	25,303	10,870	975,581			Owners.....		25,026	20,973	2,227,194	1,891,066	1,002,345	34,317,764		
Tenants.....		139,605	107,599	4,193,355	3,986,830	3,474,168	113,231,212			Managers.....		106	107	36,878	25,303	10,870	975,581		
Tenants.....		139,605	107,599	4,193,355	3,986,830	3,474,168	113,231,212			Tenants.....		139,605	107,599	4,193,355	3,986,830	3,474,168	113,231,212		
West South Central																			
ARKANSAS.																			
White farmers:										White farmers:									
Total.....		151,083	131,711	14,762,732	14,333,097	6,303,048	240,153,704			Total.....		151,083	131,711	14,762,732	14,333,097	6,303,048	240,153,704		
Owners.....		91,987	84,794	11,185,428	11,152,225	4,273,857	161,187,795			Owners.....		91,987	84,794	11,185,428	11,152,225	4,273,857	161,187,795		
Managers.....		717	739	322,063	304,544	109,631	10,201,748			Managers.....		717	739	322,063	304,544	109,631	10,201,748		
Tenants.....		58,381	46,178	3,255,231	2,876,328	1,919,560	68,764,161			Tenants.....		58,381	46,178	3,255,231	2,876,328	1,919,560	68,764,161		
Colored farmers:										Colored farmers:									
Total.....		63,593	46,983	2,633,323	2,303,622	1,773,265	69,013,109			Total.....		63,593	46,983	2,633,323	2,303,622	1,773,265	69,013,109		
Owners.....		14,662	11,941	1,204,114	1,035,292	541,263	20,694,215			Owners.....		14,662	11,941	1,204,114	1,035,292	541,263	20,694,215		
Managers.....		46	80	6,093	14,906	3,068	238,015			Managers.....		46	80	6,093	14,906	3,068	238,015		
Tenants.....		48,885	34,962	1,443,116	1,253,424	1,228,872	48,079,879			Tenants.....		48,885	34,962	1,443,116	1,253,424	1,228,872	48,079,879		
LOUISIANA.																			
White farmers:										White farmers:									
Total.....		65,667	57,809	8,315,160	8,711,079	3,809,409	192,610,792			Total.....		65,667	57,809	8,315,160	8,711,079	3,809,409	192,610,792		
Owners.....		42,264	38,323	5,931,428	6,423,557	2,466,112	121,341,966			Owners.....		42,264	38,323	5,931,428	6,423,557	2,466,112	121,341,966		
Managers.....		873	955	965,381	954,065	406,395	29,298,223			Managers.....		873	955	965,381	954,065	406,395	29,298,223		
Tenants.....		26,530	18,531	1,418,351	1,333,457	936,902	41,970,603			Tenants.....		26,530	18,531	1,418,351	1,333,457	936,902	41,970,603		
Colored farmers:										Colored farmers:									
Total.....		54,879	58,160	2,124,321	2,348,048	1,466,607	44,933,658												



## FARMS, CLASSIFIED BY SIZE.

In adopting the size groups into which farms are classified, the Census Bureau has taken account of the fact that in large sections of the country the boundaries of very many of the farms correspond more or less closely to the Government surveys of public land. The Government land has for the most part been sold or otherwise disposed of in quarter sections, containing 160 acres or approximately that amount; and where these have been broken up they have commonly been

subdivided into "quarter-quarters," or 40-acre tracts. The greater number of farms, therefore, in a large part of the country, contain either 160 acres or some other multiple of 40 acres.

United States as a whole: 1910 and 1900.—Table 22 shows, for 1910 and 1900, the number of farms in each of the various size groups, and also the acreage for a smaller number of groups, for the United States as a whole.

Table 22	NUMBER OF FARMS.				ALL LAND IN FARMS (ACRES).				PER CENT OF TOTAL.			
	1910		1900		1910		1900		Number of farms.		All land in farms.	
SIZE GROUP.			Increase.				Increase. <sup>1</sup>					
			Number.	Per cent.			Amount.	Per cent.	1910	1900	1910	1900
All farms.....	6,361,502	5,737,372	624,130	10.9	878,798,325	838,591,774	40,206,551	4.8	100.0	100.0	100.0	100.0
Under 20 acres.....	850,166	673,870	165,296	24.5	8,793,820	7,180,839	1,612,981	22.5	13.2	11.7	1.0	0.9
Under 3 acres.....	18,033	41,385	( <sup>2</sup> )	( <sup>1</sup> )					0.3	0.7		
3 to 9 acres.....	317,010	225,844	91,166	40.4					5.0	3.9		
10 to 19 acres.....	504,123	406,641	97,482	24.0					7.9	7.1		
20 to 49 acres.....	1,414,376	1,257,406	156,880	12.5	45,378,449	41,536,128	3,842,321	9.3	22.2	21.9	5.2	5.0
50 to 99 acres.....	1,438,069	1,366,038	72,031	5.3	103,120,868	98,591,699	4,529,169	4.6	22.6	23.8	11.7	11.8
100 to 174 acres.....	1,516,286	1,422,262	94,024	6.6	205,480,585	192,680,321	12,800,264	6.6	23.8	24.8	23.4	23.0
175 to 499 acres.....	978,175	868,020	110,155	12.7	205,289,069	232,954,515	32,334,554	13.9	15.4	15.1	30.2	27.8
175 to 259 acres.....	534,191	490,069	44,122	9.0					8.4	8.5		
260 to 499 acres.....	443,984	377,951	66,033	17.5					7.0	6.6		
500 to 999 acres.....	125,295	102,526	22,769	22.2	83,653,487	67,864,116	15,789,371	23.3	2.0	1.8	9.5	8.1
1,000 acres and over.....	50,135	47,160	2,975	6.3	167,082,047	197,784,156	-30,702,109	-15.5	0.8	0.8	19.0	23.6

<sup>1</sup> A minus sign (—) denotes decrease.

<sup>2</sup> Data for 1910 and 1900 not comparable. (See text.)

This table shows that in 1910 more than two-thirds of the farms of the country (68.6 per cent) were between 20 and 175 acres in size. The most numerous single group was that comprising farms of 100 to 174 acres, which constituted 23.8 per cent of the total number. Farms of 50 to 99 acres, and those of 20 to 49 acres, which comprised 22.6 per cent and 22.2 per cent, respectively, of the total number, were nearly as numerous.

The distribution of the total acreage of farms among the several size groups is of course radically different from the distribution of the number of farms. Farms of 175 to 499 acres, which in 1910 formed only 15.4 per cent of the whole number of farms, contained 30.2 per cent of the total farm acreage of the country, and constituted the most important group with respect to acreage. Farms of 100 to 174 acres ranked next in importance in this respect. These two groups together comprised somewhat over one-half (53.6 per cent) of the total acreage. Next to these groups in acreage were the farms of 1,000 acres and over, which are chiefly found in the West, and which comprised 19 per cent of the total acreage, but only 0.8 per cent of the total number. On the other hand, farms under 20 acres in size, although relatively numerous (representing 13.2 per cent of the total number), comprised only 1 per cent of the farm acreage of the country.

The only group in which the number of farms decreased absolutely between 1900 and 1910 is that consisting of places under 3 acres in size, which at both

censuses were few in number. The number of such places shown for 1910 is 56.4 per cent smaller than that shown for 1900, and there was a decrease in this group in every geographic division except the Mountain division. This decrease, however, is without question due chiefly, if not wholly, to changes in the census definition of what constitutes a farm, and no conclusion of value can be drawn from the data.

In both number and acreage, farms of the groups from 50 to 174 acres increased less rapidly between 1900 and 1910 than those of the groups from 3 to 49 acres or from 175 to 999 acres. Farms of 1,000 acres and over increased somewhat in number, but comprised a smaller acreage in 1910 than in 1900. Consequently the percentages showing the distribution of the number and acreage of farms among size groups for 1910 differ somewhat from those for 1900. It may be noted that in a general way the changes during the past decade with reference to the relative importance of farms of the different size groups are continuations of changes which have been going on at least since 1880 and possibly for a longer time.

Number, acreage, and value of farms of the principal size groups, by divisions: 1910 and 1900.—Table 23, on the following page, presents statistics for each geographic division, showing the number of farms, total and improved acreage, and value of land and buildings for 1910 and 1900, respectively, by size groups, together with the percentage of the several totals represented in each size group.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS CLASSIFIED BY SIZE, WITH PERCENTAGES, BY DIVISIONS: 1910 AND 1900.

Table 23  DIVISION AND SIZE GROUP.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		PER CENT OF TOTAL.							
	1910	1900	1910	1900	1910	1900	1910	1900	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
									1910	1900	1910	1900	1910	1900	1910	1900
UNITED STATES																
Total.....	6,361,502	5,737,372	878,798,325	838,591,774	478,451,750	414,498,487	\$34,801,125,697	\$16,614,647,491	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	839,166	673,870	8,793,820	7,180,839	7,991,543	6,440,447	1,399,907,611	632,723,627	13.2	11.7	1.0	0.9	1.7	1.6	3.8	3.8
20 to 49 acres.....	1,414,376	1,237,496	45,378,449	41,536,128	36,596,032	33,000,734	2,485,471,119	1,324,062,997	22.2	21.9	5.2	5.0	7.6	8.0	7.1	8.0
50 to 99 acres.....	1,438,069	1,366,038	103,120,868	98,591,699	71,155,246	67,344,759	5,029,510,723	2,824,081,693	22.6	23.8	11.7	11.8	14.9	16.2	14.5	17.0
100 to 174 acres.....	1,516,286	1,422,262	205,480,585	192,680,321	128,853,538	118,390,708	9,405,391,855	4,712,920,050	23.8	24.8	23.4	23.0	26.9	28.6	27.0	28.4
175 to 499 acres.....	978,175	868,020	265,289,069	232,954,515	161,775,502	135,530,943	11,762,614,994	5,148,077,147	15.4	15.1	30.2	27.8	33.8	32.7	33.8	31.0
500 to 999 acres.....	123,295	102,526	83,653,487	67,864,116	40,817,118	29,474,642	2,483,180,122	947,737,740	2.0	1.8	9.5	8.1	8.5	7.1	7.1	5.7
1,000 acres and over.....	50,135	47,160	167,082,047	197,784,156	31,262,771	24,317,154	2,325,069,303	1,025,044,327	6.8	6.8	19.0	23.6	6.5	5.9	6.7	6.2
NEW ENGLAND.																
Total.....	188,802	191,888	19,714,931	20,548,999	7,254,904	8,134,403	718,544,808	528,267,748	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	34,304	28,018	317,557	276,284	231,463	200,479	93,749,802	57,980,200	18.2	14.6	1.6	1.3	3.2	2.5	13.0	11.0
20 to 49 acres.....	33,822	33,805	1,101,352	1,134,595	575,903	604,403	99,415,227	75,887,880	17.9	17.6	5.6	5.5	7.9	7.4	13.8	14.4
50 to 99 acres.....	45,932	49,389	3,210,561	3,460,874	1,427,597	1,569,867	143,027,415	112,410,638	24.3	25.7	16.3	16.8	19.7	19.3	19.9	21.3
100 to 174 acres.....	44,019	48,039	5,575,475	6,042,138	2,198,055	2,507,554	167,577,293	128,858,450	23.3	25.0	28.3	29.4	30.3	30.8	23.3	24.4
175 to 499 acres.....	28,008	30,007	7,062,543	7,522,491	2,334,708	2,755,789	168,134,552	126,367,890	14.8	15.6	35.8	36.6	32.2	33.9	23.4	23.9
500 to 999 acres.....	2,139	2,133	1,324,559	1,288,248	312,640	358,662	27,992,625	17,957,540	1.1	1.1	6.7	6.3	4.3	4.4	3.9	3.4
1,000 acres and over.....	578	497	1,122,884	824,369	174,538	137,649	18,647,894	8,805,150	0.3	0.3	5.7	4.0	2.4	1.7	2.6	1.7
MIDDLE ATLANTIC.																
Total.....	468,379	485,618	43,191,056	44,800,090	20,320,894	30,785,211	2,442,949,103	1,948,997,940	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	80,919	75,165	751,343	721,639	645,000	629,450	235,705,540	161,060,019	17.3	15.5	1.7	1.6	2.2	2.0	9.6	8.3
20 to 49 acres.....	78,375	84,330	2,596,184	2,821,655	2,014,736	2,225,595	287,713,829	226,543,290	16.7	17.4	6.0	6.3	6.9	7.2	11.8	11.6
50 to 99 acres.....	130,702	142,341	9,335,076	10,107,376	7,028,777	7,651,789	597,452,188	494,483,249	27.9	29.3	21.6	22.5	24.0	24.9	24.5	25.4
100 to 174 acres.....	123,756	129,501	15,710,409	16,457,261	11,230,267	11,835,314	757,538,229	624,647,049	26.4	26.7	36.4	36.7	38.3	38.4	31.0	32.1
175 to 499 acres.....	52,310	51,815	12,531,376	12,362,281	7,720,162	7,779,729	487,133,975	388,660,190	11.2	10.7	29.0	27.6	26.3	25.3	19.9	19.9
500 to 999 acres.....	1,848	1,907	1,154,723	1,181,884	494,032	476,042	46,416,557	35,403,970	0.4	0.4	2.7	2.6	1.7	1.5	1.9	1.8
1,000 acres and over.....	469	559	1,111,945	1,207,994	187,920	188,292	30,988,780	17,570,200	0.1	0.1	2.6	2.7	0.6	0.6	1.3	0.9
EAST NORTH CENTRAL.																
Total.....	1,123,489	1,135,823	117,929,148	116,340,761	88,947,228	86,670,271	8,873,991,594	4,912,597,440	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	108,283	100,071	1,002,397	968,368	893,205	864,666	240,935,704	135,890,180	9.6	8.8	0.8	0.8	1.0	1.0	2.7	2.8
20 to 49 acres.....	197,164	230,411	6,907,601	8,185,211	5,437,794	6,394,880	547,475,778	373,935,470	17.0	20.3	5.9	7.0	6.1	7.4	6.2	7.6
50 to 99 acres.....	340,940	350,291	25,448,406	26,211,781	19,692,117	19,964,780	1,776,191,397	1,076,060,430	30.3	30.8	21.6	22.4	22.1	23.0	20.0	21.9
100 to 174 acres.....	315,607	301,629	41,708,394	39,905,393	31,821,219	30,029,865	3,040,388,836	1,654,447,810	28.1	26.9	35.4	34.3	35.8	34.6	34.3	33.7
175 to 499 acres.....	155,585	146,901	38,250,593	36,115,424	28,506,359	26,554,255	2,985,416,607	1,569,324,279	13.8	12.9	32.4	31.0	32.0	30.6	33.6	30.7
500 to 999 acres.....	5,147	5,569	3,205,712	3,451,901	2,027,345	2,195,830	221,406,654	126,381,229	0.5	0.5	2.7	3.0	2.3	2.5	2.5	2.6
1,000 acres and over.....	763	951	1,490,045	1,502,686	370,189	665,995	62,176,558	36,518,060	0.1	0.1	1.2	1.3	0.6	0.8	0.7	0.7
WEST NORTH CENTRAL.																
Total.....	1,109,948	1,060,744	232,648,121	201,008,713	164,284,862	135,643,828	11,614,665,870	4,651,282,998	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	52,536	47,650	476,532	464,511	423,462	403,743	132,495,516	57,661,954	4.7	4.5	0.2	0.2	0.3	0.3	1.1	1.2
20 to 49 acres.....	91,971	110,718	3,206,053	3,964,477	2,500,290	3,047,189	250,463,490	146,534,830	8.3	10.4	1.4	2.0	1.5	2.2	2.2	3.2
50 to 99 acres.....	181,843	212,600	13,808,123	16,094,073	10,548,559	12,518,337	897,439,966	506,081,490	16.4	20.0	5.9	8.0	6.6	9.2	7.7	10.9
100 to 174 acres.....	368,069	354,794	53,137,842	51,223,754	39,724,322	38,166,400	3,121,921,068	1,370,979,308	33.2	33.4	22.8	25.3	24.2	28.1	26.9	29.5
175 to 499 acres.....	346,875	288,187	99,858,046	81,982,257	70,716,957	60,221,593	6,437,429,168	2,007,589,126	31.3	27.2	42.9	40.8	46.7	44.4	46.8	43.2
500 to 999 acres.....	55,179	36,186	37,138,135	24,471,401	23,210,837	14,258,439	1,230,317,448	372,885,350	5.0	3.4	16.0	12.2	14.1	10.5	10.6	8.0
1,000 acres and over.....	12,875	10,669	25,024,390	22,808,240	10,860,435	7,028,127	544,599,254	189,550,940	1.2	1.0	10.8	11.3	6.6	5.2	4.7	4.1
SOUTH ATLANTIC.																
Total.....	1,111,881	962,225	103,782,255	104,297,506	48,479,733	46,100,226	2,486,436,474	1,206,349,618	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	186,956	147,165	1,991,481	1,523,823	1,760,123	1,329,173	148,599,191	60,017,520	16.8	15.3	1.9	1.5	3.6	2.9	6.9	5.0
20 to 49 acres.....	354,207	265,623	11,035,210	8,509,586	8,821,385	6,686,678	365,777,254	136,920,190	31.9	27.6	10.6	8.2	18.2	14.5	14.7	11.4
50 to 99 acres.....	251,901	216,522	17,173,796	14,791,972	10,013,755	8,482,251	467,510,682	201,290,600	22.7	22.5	16.5	14.2	20.7	18.4	18.8	16.7
100 to 174 acres.....	181,336	181,290	22,907,206	22,874,337	10,855,206	10,744,477	534,092,343	279,877,870	16.3	18.8	22.1	21.9	22.4	23.3	21.5	23.2
175 to 499 acres.....	117,899	128,541	31,000,073	34,062,583	12,264,756	13,296,834	657,034,694	364,705,180	10.6	13.4	29.9	32.7	25.3	28.8	26.4	30.2
500 to 999 acres.....	14,555	17,191	9,454,383	11,082,044	2,879,471	3,382,119	172,377,094	92,971,250	1.3	1.8	9.1	10.6	5.9	7.3	6.9	7.7
1,000 acres and over.....	5,027	5,893	10,220,106	11,452,391	1,885,038	2,178,694	140,445,216	70,567,008	0.5	0.6	9.8	11.0	3.9	4.7	5.6	5.8
EAST SOUTH CENTRAL.																
Total.....	1,042,480	903,313	81,520,629	81,247,643	43,946,846	40,237,337	1,738,397,839	933,780,823	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	211,614	153,339	2,485,330	1,834,690	2,380,281	1,715,807	122,796,096	51,232,040	20.3	17.0	3.0	2.3	5.4	4.3	7.1	5.5
20 to 49 acres.....	350,256	280,010	10,670,111	8,842,608	8,931,163	7,199,044	300,677,928	140,013,630	33.6	31.0	13.1	10.9	29.3	17.9	17.3	15.0
50 to 99 acres.....	225,976	204,914	15,708,129	14,273,248	9,740,827	8,626,068	341,585,076	171,108,660	21.7	22.7	19.3	17.6	22.2	21.4	19.7	18.3
100 to 174 acres.....	157,414	159,331	20,216,553	20,730,779	10,281,319	9,837,663	377,818,693	210,282,803	15.1	17.7	24.8	25.5	23.4	24.4	21.7	22.5
175 to 499 acres.....																



The three northeastern divisions of the country, the New England, Middle Atlantic, and East North Central, show in general somewhat similar conditions with respect to the size of farms. In each the farms of 50 to 99 acres constituted in 1910 the most numerous group, and those of 100 to 174 acres the next most numerous. The group comprising farms of 100 to 174 acres is first in importance as respects acreage in two of these divisions and second in the other. The West North Central division, which has been more recently settled, differs considerably from the other three northern divisions. In this division the most numerous group is that comprising farms of 100 to 174 acres, and the most important group from the standpoint of acreage is that comprising farms of 175 to 499 acres. In the South Atlantic and East South Central divisions conditions in regard to size of farms are approximately alike. In each the small farms of 20 to 49 acres are the most numerous, but the farms of 175 to 499 acres contain a larger proportion of the total acreage than any other group. In the West South Central, Mountain, and Pacific divisions, in which there are still many great stock ranches, the farms of 1,000 acres and over are the most important in acreage. In the West South Central division, however, because of the presence of many small tenant farms in the cotton belt, the group comprising farms of 20 to 49 acres is more numerous than any other; in the Pacific division, because of the many small fruit farms, the farms of less than 20 acres form the most numerous group; and in the Mountain division farms of 100 to 174 acres lead in number.

Comparing the percentages for 1910 in this table with those for 1900, it may be seen that the groups which stood first and second, respectively, in number and those which stood first and second in acreage were in almost every division the same at both censuses. Nevertheless, there have been considerable changes in the relative importance of some of the groups. In all of the divisions except the West North Central the number of farms of 1,000 acres and over was either relatively less in 1910 than in 1900, or maintained the same proportion; and in all of the divisions except New England these large farms contained a smaller proportion of the total acreage of farm land at the later census than at the earlier. On the other hand, in all except the West South Central and Mountain divisions, farms of less than 20 acres constituted a larger proportion of the total number in 1910 than in 1900, and in all except the East and West North Central and Mountain divisions—in which the proportion was the same at both censuses—such farms contained a larger proportion of the acreage in the later year than in the earlier. Other changes were less nearly uniform among the divisions. In the South Atlantic and East South Central divisions the small farms of less than 20 acres were of relatively greater importance in number

and acreage in 1910 than in 1900, on account of the continued breaking up of plantations into smaller farms, chiefly operated by tenants. In the West South Central and Mountain divisions the breaking up of many ranches of 1,000 acres and over has been accompanied by an increase in the relative importance, as measured by acreage, of all of the other size groups, and the same is true, for the most part, of the Pacific division.

Table 24 shows, by divisions, the percentage of increase in number and acreage for farms of the size groups shown in the preceding table.

DIVISION AND ITEM.	PER CENT OF INCREASE: 1900 TO 1910						
	All farms.	Under 20 acres.	20 to 49 acres.	50 to 99 acres.	100 to 174 acres.	175 to 499 acres.	500 to 999 acres and over.
<b>United States:</b>							
Number of farms.....	10.9	24.5	12.5	5.3	6.6	12.7	22.2
Acreage of farm land....	4.8	22.5	9.3	4.6	6.6	13.9	23.3
<b>NEW ENGLAND:</b>							
Number of farms.....	-1.6	22.4	0.1	-7.0	-8.4	-6.7	0.3
Acreage of farm land....	-4.1	14.9	-2.9	-7.2	-7.7	-6.1	2.8
<b>MIDDLE ATLANTIC:</b>							
Number of farms.....	-3.5	7.7	-7.1	-8.2	-4.4	1.0	-3.1
Acreage of farm land....	-3.7	4.1	-8.0	-7.6	-4.5	1.4	-2.3
<b>EAST NORTH CENTRAL:</b>							
Number of farms.....	-1.1	8.2	-14.4	-2.7	4.6	5.9	-7.6
Acreage of farm land....	1.4	3.5	-15.6	-2.9	4.5	5.9	-7.1
<b>WEST NORTH CENTRAL:</b>							
Number of farms.....	4.6	10.3	-16.9	-14.5	3.9	20.4	32.5
Acreage of farm land....	15.7	2.4	-19.1	-14.2	3.7	21.8	51.8
<b>SOUTH ATLANTIC:</b>							
Number of farms.....	15.6	27.0	33.3	16.3	(*)	-8.3	-15.3
Acreage of farm land....	-0.5	30.7	29.7	16.1	0.1	-9.0	-14.7
<b>EAST SOUTH CENTRAL:</b>							
Number of farms.....	15.4	38.0	25.1	10.3	-1.3	-7.0	-14.1
Acreage of farm land....	0.3	35.5	20.7	10.1	-2.5	-7.9	-12.2
<b>WEST SOUTH CENTRAL:</b>							
Number of farms.....	24.9	20.2	15.1	34.2	25.2	43.3	21.2
Acreage of farm land....	-4.2	17.3	15.1	31.9	23.5	44.0	22.8
<b>MOUNTAIN:</b>							
Number of farms.....	81.0	43.1	32.8	71.9	90.7	137.4	72.0
Acreage of farm land....	28.3	39.2	32.0	70.5	91.2	138.0	67.0
<b>PACIFIC:</b>							
Number of farms.....	34.1	84.6	76.1	43.5	6.8	5.2	15.7
Acreage of farm land....	8.3	71.3	76.1	40.5	3.5	3.5	16.4

\* A minus sign (-) denotes decrease.    † Less than one-tenth of 1 per cent.

Table 25, on the following page, shows, by geographic divisions, the percentage which improved land forms of all farm land in each size group, and the average value of land and buildings per farm and per acre.

As might be expected, small farms have, in general, a higher percentage of improved land than large farms. In the United States as a whole, in 1910, 90.9 per cent of the acreage of the farms under 20 acres in size consisted of improved land, while only 18.7 per cent of the acreage of farms of 1,000 acres and over was improved.

The differences among the several size groups with reference to the proportion of farm land improved naturally tend to bring about corresponding differences in the average value of all farm land per acre. Moreover, the largest farms are commonly in sections of the country not easily accessible to markets, where land values are relatively low. Furthermore, on the smaller farms buildings are in most cases of relatively greater importance than on the larger farms. Consequently it is not surprising that in the United States as a whole the average value of land and buildings per



acre in farms ranged in 1910 from \$148.96 for farms of less than 20 acres to \$13.92 for farms of 1,000 acres

and over, and that the average value per acre decreases uniformly as the size of the farms increases.

Table 25  DIVISION AND SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.						DIVISION AND SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.					
			Per farm.		Per acre.							Per farm.		Per acre.			
	1910	1900	1910	1900	1910	1900	1910	1900		1910	1900	1910	1900	1910	1900		
UNITED STATES																	
Total.....	54.4	49.4	\$5,471	\$2,896	\$39.60	\$19.81	SOUTH ATLANTIC.										
Under 20 acres.....	90.9	89.7	1,561	939	148.96	88.11	Total.....										
20 to 49 acres.....	80.6	79.4	1,757	1,053	54.77	31.88	Under 20 acres.....										
50 to 99 acres.....	69.0	68.3	3,497	2,067	48.77	28.64	20 to 49 acres.....										
100 to 174 acres.....	62.7	61.4	6,203	3,314	45.77	24.46	50 to 99 acres.....										
175 to 499 acres.....	61.0	58.2	12,025	5,931	44.34	22.10	100 to 174 acres.....										
500 to 999 acres.....	48.8	43.4	19,819	9,244	29.68	13.97	175 to 499 acres.....										
1,000 acres and over.....	18.7	12.3	46,376	21,735	13.92	5.18	500 to 999 acres.....										
							1,000 acres and over.....										
NEW ENGLAND.							EAST SOUTH CENTRAL.										
Total.....	36.8	39.6	3,806	2,753	36.45	25.71	Total.....										
Under 20 acres.....	72.9	72.6	2,733	2,069	295.22	209.86	Under 20 acres.....										
20 to 49 acres.....	52.3	53.3	2,939	2,245	90.27	66.89	20 to 49 acres.....										
50 to 99 acres.....	44.5	45.4	3,114	2,276	44.55	32.48	50 to 99 acres.....										
100 to 174 acres.....	39.4	41.5	3,807	2,682	30.06	21.33	100 to 174 acres.....										
175 to 499 acres.....	33.1	36.6	6,003	4,211	23.81	16.80	175 to 499 acres.....										
500 to 999 acres.....	23.6	27.8	13,087	8,419	21.13	13.94	500 to 999 acres.....										
1,000 acres and over.....	15.5	16.7	32,263	17,717	16.61	10.68	1,000 acres and over.....										
MIDDLE ATLANTIC.							WEST SOUTH CENTRAL.										
Total.....	67.9	68.6	5,216	4,013	56.56	43.45	Total.....										
Under 20 acres.....	85.8	87.2	2,913	2,151	313.71	224.06	Under 20 acres.....										
20 to 49 acres.....	77.6	78.9	3,671	2,686	110.82	80.29	20 to 49 acres.....										
50 to 99 acres.....	75.3	75.7	4,571	3,474	64.00	48.92	50 to 99 acres.....										
100 to 174 acres.....	71.5	71.9	6,121	4,823	48.22	37.96	100 to 174 acres.....										
175 to 499 acres.....	61.6	62.9	9,312	7,501	38.87	31.44	175 to 499 acres.....										
500 to 999 acres.....	42.8	40.3	25,117	18,565	40.20	29.96	500 to 999 acres.....										
1,000 acres and over.....	16.9	15.6	66,074	31,431	27.87	14.54	1,000 acres and over.....										
EAST NORTH CENTRAL.							MOUNTAIN.										
Total.....	75.4	74.5	7,899	4,325	75.25	42.23	Total.....										
Under 20 acres.....	89.1	89.3	2,225	1,358	240.36	140.37	Under 20 acres.....										
20 to 49 acres.....	78.7	78.1	2,777	1,623	78.26	45.68	20 to 49 acres.....										
50 to 99 acres.....	77.4	76.2	5,210	3,072	69.80	41.05	50 to 99 acres.....										
100 to 174 acres.....	76.3	75.2	9,633	5,485	72.90	41.46	100 to 174 acres.....										
175 to 499 acres.....	74.5	73.5	19,188	10,274	78.05	41.79	175 to 499 acres.....										
500 to 999 acres.....	63.2	63.6	43,017	22,694	69.07	36.61	500 to 999 acres.....										
1,000 acres and over.....	40.6	44.3	81,490	38,400	44.22	24.30	1,000 acres and over.....										
WEST NORTH CENTRAL.							PACIFIC.										
Total.....	70.6	67.5	10,464	4,385	49.92	23.14	Total.....										
Under 20 acres.....	89.1	86.9	2,522	1,210	278.63	124.13	Under 20 acres.....										
20 to 49 acres.....	78.0	76.9	2,723	1,323	78.12	36.96	20 to 49 acres.....										
50 to 99 acres.....	78.6	77.8	4,935	2,380	64.99	31.45	50 to 99 acres.....										
100 to 174 acres.....	74.8	74.5	8,468	3,864	58.75	26.76	100 to 174 acres.....										
175 to 499 acres.....	76.8	73.5	15,675	6,966	54.45	24.49	175 to 499 acres.....										
500 to 999 acres.....	62.5	58.3	22,297	10,305	33.13	15.24	500 to 999 acres.....										
1,000 acres and over.....	43.4	30.8	42,299	17,867	21.76	8.31	1,000 acres and over.....										

Size groups, by states: 1910 and 1900.—Table 26 shows, by geographic divisions, for each state, the

number and acreage of farms in the several size groups in 1910 and 1900, respectively.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS CLASSIFIED BY SIZE, BY STATES: 1910 AND 1900.

STATE AND SIZE GROUP.		NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.		VALUE OF LAND AND BUILDINGS.		STATE AND SIZE GROUP.		NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.		VALUE OF LAND AND BUILDINGS.	
		1910	1900	1910	1900	1910	1900	1910	1900			1910	1900	1910	1900	1910	1900		
New England																			
MAINE.																			
Total.....		60,016	59,299	6,296,859	6,299,946	2,360,657	\$159,619,626												
Under 20 acres.....		7,113	5,307	67,517	56,657	49,008	11,502,427												
20 to 49 acres.....		9,492	9,267	314,397	317,627	154,846	15,370,117												
50 to 99 acres.....		17,895	18,644	1,246,571	1,297,757	553,536	36,562,364												
100 to 174 acres.....		16,633	17,191	2,078,196	2,127,393	838,328	30,555,750												
175 to 499 acres.....		8,203	8,260	2,841,995	2,009,634	678,640	39,190,736												
500 to 999 acres.....		461	516	284,828	306,709	61,914	4,161,053												
1,000 acres and over.....		129	114	203,355	184,172	24,405	2,277,177												
NEW HAMPSHIRE.																			
Total.....		27,053	29,324	3,249,458	3,609,864	929,185	85,916,061												
Under 20 acres.....		4,595	3,999	42,565	40,273	30,314	8,104,281												
20 to 49 acres.....		4,509	4,765	146,013	163,050	68,056	9,187,967												
50 to 99 acres.....		6,248	7,123	434,835	503,049	164,514	14,413,021												
100 to 174 acres.....		6,247	7,430	787,462	935,586	255,561	19,065,747												
175 to 499 acres.....		4,774	5,333	1,221,609	1,369,401	314,777	24,369,313												
500 to 999 acres.....		513	510	322,557	308,766	58,667	6,197,466												
1,000 acres and over.....		167	164	294,357	289,739	37,296	4,577,666												
VERMONT.																			
Total.....		32,709	33,104	4,603,577	4,724,440	1,633,965	112,588,275												
Under 20 acres.....		4,578	3,285	40,250	32,276	29,952	7,692,142												
20 to 49 acres.....		3,481	3,511	112,129	120,740	58,062	7,038,230												
50 to 99 acres.....		5,910	6,513	424,012	468,227	182,638	13,057,680												
100 to 174 acres.....		9,492	10,215	1,238,117	1,328,066	480,120	29,253,559												
175 to 499 acres.....		8,516	8,943	2,187,113	2,280,010	757,888	43,794,392												
500 to 999 acres.....		607	536	371,849	322,903	95,940	6,114,956												
1,000 acres and over.....		125	101	290,107	172,218	29,368	5,637,316												
New England—Con.																			
MASSACHUSETTS.																			
Total.....		36,917	37,715	2,875,941	3,147,064	1,164,501	\$194,168,765												
Under 20 acres.....		10,006	8,889	95,041	84,038	69,809	39,272,556												
20 to 49 acres.....		8,890	8,875	287,609	290,522	156,907	36,065,199												
50 to 99 acres.....		7,981	8,910	554,699	618,783	252,447	40,939,114												
100 to 174 acres.....		5,703	6,460	721,710	825,328	290,707	34,893,149												
175 to 499 acres.....		3,325	3,967	840,139	997,933	278,531	32,098,128												
500 to 999 acres.....		319	339	197,218	210,173	47,817	6,375,065												
1,000 acres and over.....		99	75	178,625	120,287	68,228	3,955,524												
RHODE ISLAND.																			
Total.....		5,292	5,498	443,308	455,602	178,344	27,932,860												
Under 20 acres.....		1,377	1,412	12,387	11,378	9,873	5,169,439												
20 to 49 acres.....		1,144	1,169	36,603	38,550	22,097	5,000,083												
50 to 99 acres.....		1,264	1,256	87,794	87,093	41,493	6,140,626												
100 to 174 acres.....		943	1,049	117,094	130,689	47,500	4,789,185												
175 to 499 acres.....		487	550	121,822	136,387	42,914	5,026,297												
500 to 999 acres.....		51	45	30,875	28,610	10,577	1,101,300												
1,000 acres and over.....		24	17	36,733	22,895	3,890	366,930												
CONNECTICUT.																			
Total.....		26,815	26,948	2,185,788	2,312,083	988,252	138,319,221												
Under 20 acres.....		6,035	5,126	58,797	51,662	42,447	21,940,957												
20 to 49 acres.....		6,306	6,218	204,701	204,106	115,940	25,912,631												
50 to 99 acres.....		6,364	6,943	462,650	485,968	232,989	31,914,010												
100 to 174 acres.....		4,999	5,494	632,896	693,076	285,839	29,049,683												
175 to 499 acres.....		2,613	2,954	649,803	729,126	261,958	23,626,866												
500 to 999 acres.....		188	187	117,232	111,087	37,725	4,402,753												
1,000 acres and over.....		40	26	59,707	35,058	11,354	1,833,261												



## FARMS, CLASSIFIED BY SIZE.

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NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS CLASSIFIED BY SIZE, BY STATES: 1910 AND 1900—Continued.

Table 26—Contd.  STATE AND SIZE GROUP.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.	VALUE OF LAND AND BUILDINGS.	STATE AND SIZE GROUP.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.	VALUE OF LAND AND BUILDINGS.
	1910	1900	1910	1900	1910	1910		1910	1900	1910	1900	1910	1910
Middle Atlantic													
NEW YORK.													
Total.....	215,597	226,720	22,030,367	22,648,109	14,844,039	\$1,184,745,829	West N. Central—Continued.						
Under 20 acres.....	34,188	32,542	307,362	307,521	267,909	108,633,214	NORTH DAKOTA.						
20 to 49 acres.....	31,047	35,123	1,028,991	1,180,411	801,480	129,618,019	Total.....	74,360	45,332	28,426,650	15,542,640	20,455,092	\$822,656,744
50 to 99 acres.....	56,821	63,789	4,068,580	4,551,108	3,053,725	264,212,934	Under 20 acres.....	229	791	1,601	7,711	1,224	364,599
100 to 174 acres.....	61,031	63,846	7,804,307	8,157,512	5,540,335	360,162,667	20 to 49 acres.....	450	555	16,687	18,063	10,718	739,933
175 to 499 acres.....	31,163	30,063	7,550,324	7,243,784	4,746,402	277,308,685	50 to 99 acres.....	1,207	716	94,199	59,040	53,633	2,539,341
500 to 999 acres.....	1,104	1,109	685,906	690,692	316,532	27,143,232	100 to 174 acres.....	23,003	18,471	3,640,003	2,945,787	2,124,647	83,425,352
1,000 acres and over.....	243	248	584,897	517,081	117,694	17,667,078	175 to 499 acres.....	34,393	18,339	12,000,916	6,403,548	9,063,590	354,271,009
NEW JERSEY.													
Total.....	33,487	34,650	2,573,857	2,840,966	1,803,336	217,134,519	500 to 999 acres.....	12,662	5,114	8,783,550	3,561,491	6,675,379	271,500,607
Under 20 acres.....	8,073	7,585	77,541	74,332	64,420	31,003,585	1,000 acres and over.....	2,410	1,346	3,889,694	2,547,000	2,525,881	109,815,883
20 to 49 acres.....	7,607	7,632	243,806	249,077	187,500	33,700,754	SOUTH DAKOTA.						
50 to 99 acres.....	8,194	8,882	585,063	638,281	458,015	51,375,789	Total.....	77,644	52,622	26,016,892	19,070,616	15,827,208	1,005,080,807
100 to 174 acres.....	7,207	7,855	911,564	991,720	698,575	59,041,617	Under 20 acres.....	808	807	6,612	5,080	5,683	1,868,680
175 to 499 acres.....	2,235	2,513	524,918	590,453	337,874	31,466,639	20 to 49 acres.....	1,121	967	39,475	36,346	30,001	3,061,278
500 to 999 acres.....	112	110	70,426	67,963	30,988	5,129,585	50 to 99 acres.....	2,406	2,214	183,202	168,923	134,340	10,407,857
1,000 acres and over.....	59	73	160,539	229,140	25,964	5,416,530	100 to 174 acres.....	28,396	16,144	4,458,036	2,882,021	2,113,308	149,337,025
PENNSYLVANIA.													
Total.....	219,295	224,248	18,586,832	19,371,015	12,673,519	1,041,068,755	175 to 499 acres.....	33,041	23,375	10,819,704	8,019,437	8,064,822	504,518,418
Under 20 acres.....	38,658	35,038	366,440	339,786	312,671	96,068,746	500 to 999 acres.....	9,698	7,074	6,583,127	5,005,021	3,886,801	239,012,732
20 to 49 acres.....	39,721	41,575	1,323,387	1,392,167	1,025,756	124,386,066	1,000 acres and over.....	2,174	2,041	3,926,736	3,453,788	1,592,251	96,874,817
50 to 99 acres.....	65,687	69,670	4,681,433	4,917,987	3,517,037	281,863,465	NEBRASKA.						
100 to 174 acres.....	55,518	57,800	6,994,538	7,308,029	4,991,357	338,333,945	Total.....	129,678	121,523	38,622,021	29,911,779	24,382,577	1,813,346,935
175 to 499 acres.....	18,912	19,239	4,456,134	4,528,044	2,635,896	178,538,661	Under 20 acres.....	4,338	5,507	37,150	31,303	34,074	14,379,350
500 to 999 acres.....	632	688	308,391	423,229	146,512	14,143,740	20 to 49 acres.....	4,558	5,243	152,474	184,424	134,271	19,378,544
1,000 acres and over.....	167	238	366,509	461,773	44,300	7,905,152	50 to 99 acres.....	12,618	17,979	971,897	1,367,012	979,406	88,286,663
East North Central													
OHIO.													
Total.....	272,045	276,719	24,105,708	24,501,985	19,227,909	1,654,152,406	100 to 174 acres.....	43,916	46,109	6,543,429	6,978,190	5,675,821	507,591,497
Under 20 acres.....	38,913	35,462	363,977	340,431	327,189	81,009,747	175 to 499 acres.....	47,233	40,271	13,922,207	11,865,326	10,633,939	878,197,406
20 to 49 acres.....	50,331	57,566	1,719,606	1,972,566	1,441,294	149,415,179	500 to 999 acres.....	13,128	6,032	8,837,526	4,150,909	3,888,358	185,500,755
50 to 99 acres.....	88,047	89,774	6,444,930	6,636,508	5,288,437	454,592,415	1,000 acres and over.....	3,867	2,364	8,156,338	5,334,715	3,136,708	119,203,720
100 to 174 acres.....	68,746	67,258	8,830,408	8,663,663	7,053,181	569,462,824	KANSAS.						
175 to 499 acres.....	25,113	25,679	6,020,366	6,050,168	4,641,288	360,285,828	Total.....	177,841	173,098	43,384,799	41,662,070	29,904,067	1,737,556,172
500 to 999 acres.....	783	916	488,963	574,368	355,502	29,425,733	Under 20 acres.....	8,042	7,006	69,566	69,066	63,746	19,533,687
1,000 acres and over.....	112	164	217,438	264,281	121,078	9,960,680	20 to 49 acres.....	10,738	12,269	366,381	437,177	318,483	33,138,115
INDIANA.													
Total.....	215,485	221,897	21,299,823	21,619,623	16,931,252	1,594,275,596	50 to 99 acres.....	26,151	32,103	1,998,144	2,467,724	1,718,144	117,647,025
Under 20 acres.....	23,644	21,976	221,480	218,458	196,615	59,197,215	100 to 174 acres.....	57,789	58,421	8,518,875	8,638,226	6,888,850	425,925,574
20 to 49 acres.....	40,161	47,009	1,384,816	1,630,252	1,155,565	111,641,607	175 to 499 acres.....	61,286	50,845	18,018,076	14,807,183	13,811,688	782,515,696
50 to 99 acres.....	67,221	71,055	4,977,801	5,251,514	4,097,432	371,629,800	500 to 999 acres.....	10,475	8,895	7,121,881	6,027,508	4,527,088	219,941,757
100 to 174 acres.....	57,261	55,060	7,485,481	7,200,079	5,996,101	549,502,734	1,000 acres and over.....	3,360	3,559	7,291,876	9,216,056	2,576,066	138,854,948
175 to 499 acres.....	26,107	25,479	6,400,036	6,267,774	4,923,766	465,787,540	South Atlantic						
500 to 999 acres.....	949	1,094	591,015	691,425	418,564	40,161,066	DELAWARE.						
1,000 acres and over.....	142	224	239,194	340,121	143,209	12,355,650	Total.....	10,836	9,687	1,038,866	1,066,228	713,538	53,155,983
ILLINOIS.													
Total.....	251,872	264,151	32,522,937	32,794,728	28,048,323	3,522,792,570	Under 20 acres.....	1,535	877	15,183	9,580	13,494	3,913,303
Under 20 acres.....	20,294	19,635	186,520	194,355	109,516	59,074,577	20 to 49 acres.....	1,988	1,568	66,119	52,439	52,746	5,559,301
20 to 49 acres.....	33,322	41,100	1,129,398	1,431,732	973,319	111,860,899	50 to 99 acres.....	2,977	2,610	211,100	186,883	154,027	10,989,516
50 to 99 acres.....	57,917	65,851	4,337,599	4,979,857	3,795,685	465,787,540	100 to 174 acres.....	2,849	2,923	339,476	370,605	249,355	15,699,291
100 to 174 acres.....	80,539	81,338	10,964,517	11,063,345	9,672,197	1,174,168,611	175 to 499 acres.....	1,429	1,633	345,463	396,319	226,100	15,893,322
175 to 499 acres.....	57,755	53,834	14,446,916	13,481,125	12,384,215	1,627,581,457	500 to 999 acres.....	52	71	32,210	42,682	14,083	1,053,950
500 to 999 acres.....	1,842	2,051	1,135,951	1,258,084	849,206	116,284,511	1,000 acres and over.....	6	5	9,311	7,718	3,823	47,300
1,000 acres and over.....	203	282	322,036	384,230	203,465	28,037,361	MARYLAND.						
MICHIGAN.													
Total.....	206,960	203,261	18,940,614	17,561,698	12,832,075	901,138,299	Total.....	48,923	46,012	5,057,140	5,170,075	3,354,767	241,737,123
Under 20 acres.....	14,785	13,470	137,131	130,371	121,750	28,255,364	Under 20 acres.....	10,232	8,156	97,263	82,774	80,696	17,813,279
20 to 49 acres.....	49,890	59,197	1,814,802	2,183,332	1,351,445	106,804,968	20 to 49 acres.....	8,629	7,683	278,402	254,342	209,115	22,791,832
50 to 99 acres.....	73,748	71,021	5,537,099	5,305,994	3,998,814	271,485,989	50 to 99 acres.....	9,946	9,307	700,098	658,833	497,340	36,304,852
100 to 174 acres.....	50,622	43,741	6,591,003	5,692,182	4,339,148	301,276,358	100 to 174 acres.....	11,457	11,543	1,486,215	1,494,118	1,049,206	63,818,929
175 to 499 acres.....	17,143	15,179	4,125,482	3,675,739	2,602,019	174,584,535	175 to 499 acres.....	8,070	8,659	2,055,882	2,306,470	1,329,921	87,550,094
500 to 999 acres.....	607	517	391,180	324,843	159,477	13,040,167	500 to 999 acres.....	506	591	312,911	354,853	151,285	10,724,022
1,000 acres and over.....	165	136	343,917	249,237	99,425	5,690,538	1,000 acres and over.....	83	79	126,369	118,685	37,204	2,734,115
WISCONSIN.													
Total.....	177,127	169,795	21,060,066	19,862,727	11,907,606	1,201,632,723	DIST. OF COLUMBIA.						
Under 20 acres.....	10,647	9,528	93,289	84,753	78,135	29,398,801	Total.....	217	269	6,063	8,489	5,133	8,231,343
20 to 49 acres.....	23,460	25,479	888,979	947,329	516,151	67,753,125	Under 20 acres.....	122	154	1,039	1,463	1,001	3,723,300
50 to 99 acres.....	54,007	52,590	4,150,977	4,037,908	2,511,749	272,097,539	20 to 49 acres.....	65	71	1,878	2,107	1,650	2,034,300
100 to 174 acres.....	58,439	54,232	7,816,985	7,284,121	4,560,592	445,978,819	50 to 99 acres.....	17	31	1,114	2,205	812	987,000
175 to 499 acres.....	29,467	26,830	7,257,793	6,640,618	3,964,071	357,177,307	100 to 174 acres.....	10	9	1,115	1,037	813	936,743
500 to 999 acres.....	966	991	598,603	603,181	243,896	22,494,803	175 to 499 acres.....	3	2	917	375	857	550,000
1,000 acres and over.....	300	365	468,358	637,702	327,759	18,679,755	500 to 999 acres.....	2	2	1,302	1,302	1,302	1,302
West North Central													
MINNESOTA.													
Total.....	156,137	154,659	27,675,823	26,248,498	19,643,533	1,262,441,426	VIRGINIA.						
Under 20 acres.....	5,619	4,803	49,878	43,331	39,373	14,224,538	Total.....	184,018	167,886	19,495,636	19,907,883	9,870,058	532,058,062
20 to 49 acres.....	12,028	13,278	435,963										



## NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS CLASSIFIED BY SIZE, BY STATES: 1910 AND 1900—Continued.

Table 26—Contd.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.	VALUE OF LAND AND BUILDINGS.	STATE AND SIZE GROUP.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.	VALUE OF LAND AND BUILDINGS.							
	1910	1900	1910	1900	1910	1910		1910	1900	1910	1900	1910	1910							
South Atlantic—Continued.																				
GEORGIA.																				
Total.....	291,027	224,691	26,953,413	26,392,057	12,298,017	\$479,204,332	Mountain	Total.....		26,214	13,370	13,545,603	11,844,454	3,640,309	\$251,625,930					
Under 20 acres.....	29,629	19,356	348,103	223,685	327,212	19,929,323		Under 20 acres.....		755	653	4,382	3,644	3,842	1,917,013					
20 to 49 acres.....	117,432	73,408	3,709,289	2,421,384	3,318,067	95,117,977		20 to 49 acres.....		956	399	33,662	16,251	21,399	3,462,310					
50 to 99 acres.....	68,510	52,251	4,553,582	3,472,677	2,968,547	102,927,993		50 to 99 acres.....		1,260	563	96,034	43,476	55,645	6,799,281					
100 to 174 acres.....	42,275	41,661	5,223,132	5,150,210	2,367,863	92,772,819		100 to 174 acres.....		10,552	5,613	1,648,834	882,023	614,349	43,134,560					
175 to 499 acres.....	27,710	31,439	7,412,596	8,469,107	2,288,329	102,831,020		175 to 499 acres.....		8,339	3,596	2,668,526	1,157,455	923,664	64,052,439					
500 to 999 acres.....	3,950	4,718	2,604,839	3,074,445	595,659	32,471,115		500 to 999 acres.....		2,353	1,257	1,654,257	900,121	599,093	38,615,276					
1,000 acres and over.....	1,521	1,858	3,101,872	3,580,549	432,340	32,154,085		1,000 acres and over.....		1,999	1,289	7,439,908	8,841,484	1,422,317	93,645,051					
IDAHO.																				
Total.....														30,807	17,471	5,283,604	3,294,903	2,778,740	245,065,825	
FLORIDA.																				
Total.....	50,016	40,814	5,253,538	4,363,891	1,805,408	118,145,989	Mountain	Under 20 acres.....		2,005	804	16,280	5,580	14,963	6,167,205					
Under 20 acres.....	9,084	6,364	85,797	60,699	69,247	15,109,442		20 to 49 acres.....		4,048	1,478	144,087	54,770	111,568	19,458,414					
20 to 49 acres.....	17,169	13,646	570,960	467,062	391,233	22,124,761		50 to 99 acres.....		5,820	2,306	443,682	176,764	280,371	34,251,759					
50 to 99 acres.....	9,999	7,874	724,565	581,503	361,791	19,023,399		100 to 174 acres.....		11,891	8,988	1,703,755	1,386,070	792,797	69,712,591					
100 to 174 acres.....	8,178	7,940	1,123,163	1,120,791	380,200	20,391,462		175 to 499 acres.....		5,866	3,278	1,708,591	958,576	977,778	73,842,412					
175 to 499 acres.....	4,545	4,103	1,214,621	1,097,346	388,993	21,854,842		500 to 999 acres.....		921	436	610,397	286,417	344,077	24,255,139					
500 to 999 acres.....	670	609	435,978	407,684	107,639	8,139,751		1,000 acres and over.....		256	171	566,806	336,726	257,186	17,378,305					
1,000 acres and over.....	371	278	1,098,454	628,806	106,305	10,902,332		WYOMING.												
Total.....														10,987	6,095	8,543,010	8,124,536	1,256,160	97,915,277	
East South Central																				
KENTUCKY.																				
Total.....	259,185	214,667	22,189,127	21,979,422	14,354,471	635,459,372	Mountain	Under 20 acres.....		420	502	1,116	511	951	389,589					
Under 20 acres.....	55,472	42,904	585,546	465,040	554,143	36,723,010		20 to 49 acres.....		338	75	12,610	3,119	8,941	794,290					
20 to 49 acres.....	58,537	51,850	1,854,214	1,638,283	1,495,951	68,341,744		50 to 99 acres.....		645	257	49,985	21,745	33,007	2,310,865					
50 to 99 acres.....	65,778	60,435	4,556,297	4,161,328	3,174,258	119,994,284		100 to 174 acres.....		3,816	2,291	565,182	345,033	174,978	12,457,188					
100 to 174 acres.....	50,134	48,564	6,282,939	6,107,837	4,117,357	156,477,645		175 to 499 acres.....		3,629	1,420	1,166,263	498,993	330,228	22,562,822					
175 to 499 acres.....	26,639	27,886	6,711,828	7,087,446	4,077,796	193,477,982		500 to 999 acres.....		984	723	701,831	590,490	189,064	13,119,607					
500 to 999 acres.....	2,181	2,470	1,370,115	1,513,808	688,727	40,615,629		1,000 acres and over.....		1,155	917	6,014,023	6,664,645	518,991	46,280,826					
1,000 acres and over.....	444	558	828,188	985,680	246,239	19,859,078		COLORADO.												
Total.....														46,170	24,700	13,532,113	9,474,588	4,302,101	408,518,861	
TENNESSEE.																				
Total.....	246,012	224,623	20,941,657	20,342,058	10,890,484	480,522,587	Mountain	Under 20 acres.....		5,070	2,873	40,432	22,523	37,538	25,630,351					
Under 20 acres.....	47,341	36,542	547,322	430,110	501,007	31,506,673		20 to 49 acres.....		3,882	2,122	126,209	72,403	99,671	28,470,967					
20 to 49 acres.....	72,212	61,442	2,240,374	1,937,942	1,800,374	74,475,941		50 to 99 acres.....		4,384	2,526	328,961	199,057	235,870	37,509,580					
50 to 99 acres.....	60,105	57,265	4,147,088	3,935,990	2,581,648	104,019,256		100 to 174 acres.....		16,355	9,104	2,526,569	1,490,466	978,512	93,753,309					
100 to 174 acres.....	41,545	42,476	5,256,026	5,371,931	3,022,232	113,199,169		175 to 499 acres.....		12,476	5,372	3,929,716	1,701,623	1,456,957	115,238,983					
175 to 499 acres.....	22,450	24,274	5,724,087	6,216,250	2,619,991	120,220,288		500 to 999 acres.....		2,426	1,466	1,699,403	1,043,856	557,631	40,327,319					
500 to 999 acres.....	1,878	2,058	1,189,042	1,285,379	422,571	23,618,960		1,000 acres and over.....		1,577	1,237	4,880,823	5,025,600	935,922	67,588,352					
1,000 acres and over.....	481	566	957,718	1,164,456	162,661	13,482,310		NEW MEXICO.												
Total.....														35,676	12,311	11,270,021	5,130,878	1,467,191	111,830,999	
ALABAMA.																				
Total.....	262,901	223,230	20,732,312	20,685,427	9,603,581	288,253,591	Mountain	Under 20 acres.....		6,885	5,057	55,286	41,867	46,776	5,584,194					
Under 20 acres.....	41,838	31,643	477,518	362,820	461,007	17,732,596		20 to 49 acres.....		2,812	2,197	87,971	65,950	57,882	6,132,682					
20 to 49 acres.....	106,841	80,784	3,204,559	2,579,379	2,803,670	65,174,986		50 to 99 acres.....		1,820	959	132,025	65,875	62,466	6,281,688					
50 to 99 acres.....	55,448	47,745	3,862,717	3,369,528	2,289,469	61,745,865		100 to 174 acres.....		15,363	2,696	2,418,328	413,440	545,207	27,994,954					
100 to 174 acres.....	35,593	37,111	4,674,360	4,963,792	1,857,599	55,058,111		175 to 499 acres.....		7,388	709	2,322,242	229,909	504,519	26,044,455					
175 to 499 acres.....	20,063	22,193	5,257,792	5,891,271	1,692,363	56,409,822		500 to 999 acres.....		836	308	584,375	218,411	96,895	7,548,783					
500 to 999 acres.....	2,276	2,788	1,497,299	1,808,499	374,410	16,116,822		1,000 acres and over.....		572	325	5,609,794	4,095,426	153,446	32,233,943					
1,000 acres and over.....	822	956	1,668,067	1,710,138	303,904	15,974,389		ARIZONA.												
Total.....														9,227	5,809	1,246,613	1,935,327	350,173	47,285,310	
MISSISSIPPI.																				
Total.....	274,382	220,803	18,557,533	18,240,736	9,008,310	334,162,289	Mountain	Under 20 acres.....		3,346	2,038	15,496	12,830	14,367	2,623,273					
Under 20 acres.....	66,943	42,270	874,944	576,620	863,325	36,834,417		20 to 49 acres.....		1,477	922	46,757	29,530	37,271	5,824,965					
20 to 49 acres.....	112,666	85,934	3,280,964	2,667,004	2,831,168	92,685,267		50 to 99 acres.....		820	674	59,047	49,856	38,273	5,862,640					
50 to 99 acres.....	44,643	39,409	3,142,027	2,806,402	1,665,452	55,825,671		100 to 174 acres.....		2,591	1,581	399,210	241,983	95,442	12,157,575					
100 to 174 acres.....	30,172	31,380	4,003,230	4,287,219	1,503,771	51,583,771		175 to 499 acres.....		757	411	225,491	123,102	79,633	10,120,344					
175 to 499 acres.....	17,115	18,439	4,493,804	4,905,953	1,410,412	54,966,781		500 to 999 acres.....		164	112	112,612	76,114	37,001	3,873,652					
500 to 999 acres.....	2,061	2,461	1,365,482	1,566,195	374,920	19,995,266		1,000 acres and over.....		72	71	388,000	1,399,912	48,186	6,822,861					
1,000 acres and over.....	780	859	1,397,082	1,431,343	329,262	22,271,126		UTAH.												
Total.....														21,676	19,387	3,397,699	4,116,951	1,368,211	117,545,332	
West South Central																				
ARKANSAS.																				
Total.....	214,678	178,694	17,416,075	16,636,719	8,076,254	309,166,813	Mountain	Under 20 acres.....		4,674	4,204	45,627	40,732	42,696	11,996,852					
Under 20 acres.....	36,259	24,665	476,539	331,590	467,555	21,086,055		20 to 49 acres.....		5,550	5,261	181,178	173,301	153,899	22,188,727					
20 to 49 acres.....	74,963	55,332	2,343,264	1,806,004	1,944,165	70,534,909		50 to 99 acres.....		4,170	3,741	203,613	268,889	214,976	20,965,001					
50 to 99 acres.....	45,373	38,595	3,299,148	2,867,527	1,799,792	63,280,020		100 to 174 acres.....		3,660	3,363	512,595	480,041	256,127	19,690,152					
100 to 174 acres.....	39,333	42,007	5,395,329	5,915,487	1,993,878	66,823,373		175 to 499 acres.....		2,681	2,202	745,164	603,095	328,168	21,359,510					
175 to 499 acres.....	17,149	16,440	4,316,389	4,155,598	1,455,435	57,492,644		500 to 999 acres.....		551	368	370,088	244,291	133,974	7,626,182					
500 to 999 acres.....	1,103	1,239	763,283	811,737	228,306	14,104,369		1,000 acres and over.....		390	248	1,249,434	2,306,600	238,371	13,718,908					
1,000 acres and over.....	398	416	821,923	748,776	187,123	15,785,443		NEVADA.												
Total.....														2,689	2,184	2,714,757	2,565,647	752,117	39,609,339	
LOUISIANA.																				
Total.....	120,546	115,969	10,439,481	11,069,127	5,276,016	237,544,450	Mountain	Under 20 acres.....		271	235	1,874	1,976	1,585	601,713					
Under 20 acres.....	29,256	25,782	355,220	322,025	345,303	17,800,570		20 to 49 acres.....		320	231	10,328								



## CHAPTER 11.

### LIVE STOCK ON FARMS AND ELSEWHERE.

**Introduction.**—This chapter presents in condensed form the main results of the enumeration of live stock in the United States made as of April 15, 1910, giving the statistics by geographic divisions and by states.

The census of agriculture deals in general only with farms, but in the case of domestic animals it includes also those not on farms (mainly in cities and villages), although no attempt has been made to collect statistics of poultry or bees other than on farms. This chapter presents first the statistics of live stock on farms, and later, in more condensed form, the statistics of domestic animals not on farms, and concludes with the combined totals for domestic animals on farms and elsewhere.

The term "live stock" as used in the censuses of 1910 and 1900 comprises the common farm animals (cattle, horses, mules, asses and burros, swine, sheep, and goats), together with poultry and bees. It is obvious that in the consideration of live stock as a whole, no combination of the numbers of the different classes into one total would have any significance. No comparison can be made except on the basis of value. It should be noted, however, that the increase in the aggregate value of live stock from 1900 to 1910 is due chiefly to the increase in the average value per head of the live stock reported, as there has been no great increase in number in any important class, while some classes show a decrease.

#### ALL LIVE STOCK ON FARMS.

Table 7, page 312, presents statistics of the value of live stock on farms at the last two censuses by geographic divisions and states. Data relating to domestic animals not on farms will be found on page 337, and a combination of the figures for all animals both on farms and elsewhere on page 342.

The total value of all live stock on farms in the United States on April 15, 1910, was \$4,925,000,000. Of this total, \$4,760,000,000, or 96.6 per cent, represented the value of domestic animals. During the decade the value of live stock on farms increased nearly \$1,850,000,000, or 60.1 per cent. During the same period the total value of farm property increased 100.5 per cent, the rate of increase in the principal constituent element, the value of land, being 118.1 per cent, or nearly twice as great as for live stock. The increase in the value of live stock above noted was shared by every geographic division. Much the largest absolute increases were in the West North Central and the East North Central divisions, though in percentage of increase the Pacific division ranked highest, closely followed by the South Atlantic.

Table 1 in the next column gives statistics as to the value of live stock on farms for certain larger sections of the country. The North, as the term is used in this chapter, includes the New England, Middle Atlantic, East North Central, and West North Central divisions; the South includes the South Atlantic, East South Central, and West South Central; and the West, the Mountain and Pacific divisions.

The North shows a greater absolute increase in the value of all live stock than the South and the West

combined, but the percentage of increase is somewhat lower in that section than in either of the others.

**Table 1**

VALUE OF LIVE STOCK ON FARMS.

SECTION.	VALUE OF LIVE STOCK ON FARMS.			
	Total. <sup>1</sup>	Domestic animals.	Poultry.	Bees.
The North:				
1910.....	\$2,975,094,377	\$2,863,849,890	\$106,311,212	\$4,893,160
1900.....	1,897,439,200	1,835,336,173	57,123,391	4,876,407
Per ct. of increase..	56.8	56.0	86.1	0.3
The South:				
1910.....	\$1,325,405,837	\$1,284,298,714	\$37,415,336	\$3,689,547
1900.....	810,822,035	782,407,960	24,222,562	4,178,033
Per ct. of increase <sup>2</sup> ..	63.5	64.1	54.5	-11.7
The West:				
1910.....	\$624,673,306	\$611,911,489	\$10,936,672	\$1,790,908
1900.....	367,216,468	361,453,453	4,461,865	1,123,647
Per ct. of increase..	70.1	69.3	145.1	59.4
East of the Mississippi:				
1910.....	\$2,158,965,039	\$2,065,504,011	\$87,589,549	\$5,855,199
1900.....	1,332,779,097	1,275,186,606	51,136,240	6,392,366
Per ct. of increase <sup>2</sup> ..	62.0	62.0	71.3	-8.4
West of the Mississippi:				
1910.....	\$2,766,218,571	\$2,694,556,082	\$67,073,671	\$4,518,416
1900.....	1,742,698,606	1,704,010,980	34,671,578	3,785,721
Per ct. of increase..	58.7	58.1	93.5	19.4

<sup>1</sup> Totals include a small amount for the value of special classes of animals (buffaloes, deer, etc.), not included under "domestic animals."

<sup>2</sup> A minus sign (—) denotes decrease.

The next statement shows by percentages the distribution of the United States totals given in Table 7 among the geographic divisions and sections of the country. To aid in interpreting these figures the distribution of the total land in farms and of the total improved land is also shown.

The distribution of the value of live stock corresponds in general more closely to the distribution of improved land than to that of all land in farms, the only conspicuous exception being in the Mountain division. The West North Central, East North Central, and West South Central divisions are the most important from the standpoint of value of live stock.



The North reported in 1910 three-fifths of the total value of all live stock on farms in the United States, the South somewhat over one-fourth, and the West one-eighth.

Table 2

DIVISION OR SECTION.	PER CENT OF TOTAL FOR THE UNITED STATES.									
	All land in farms.		Im-proved land in farms.		Value of all live stock.		Value of domestic animals.		Value of poultry.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	2.2	2.5	1.5	2.0	2.0	2.4	1.9	2.4	3.4	1.9
Middle Atlantic.....	4.9	5.4	6.1	7.4	7.1	8.0	6.9	7.9	11.5	11.2
East North Central.....	13.4	13.9	18.6	20.9	19.8	19.7	19.7	19.5	25.3	17.4
West North Central.....	26.5	24.0	34.3	32.7	31.5	31.6	31.6	31.8	28.6	16.7
South Atlantic.....	11.8	12.4	10.1	11.1	7.4	6.3	7.4	6.2	8.8	15.2
East South Central.....	9.3	9.7	9.2	9.7	7.5	6.9	7.5	6.8	7.7	10.8
West South Central.....	19.3	21.1	12.2	9.6	12.0	13.1	12.1	13.2	7.7	9.6
Mountain.....	6.8	5.5	3.3	2.0	7.9	7.9	8.1	8.1	3.0	7.6
Pacific.....	5.8	5.7	4.6	4.5	4.8	4.0	4.8	4.0	4.1	9.7
The North.....	47.1	45.6	60.6	63.0	60.4	61.7	60.2	61.6	68.7	47.2
The South.....	40.3	43.2	31.5	30.4	26.9	26.4	27.0	26.3	24.2	35.6
The West.....	12.6	11.2	7.9	6.6	12.7	11.9	12.9	12.1	7.1	17.3
East of the Mississippi..	41.7	43.8	45.6	51.1	43.8	43.3	43.4	42.8	56.6	56.4
West of the Mississippi..	58.3	56.2	54.4	48.9	56.2	56.7	56.6	57.2	43.4	43.6

Inasmuch as in each division the value of domestic animals constitutes the greater part of the value of all live stock, its distribution naturally corresponds closely to that of the total. The distribution of the value of poultry is somewhat different and that of the value of bees decidedly different. The five divisions east of the Mississippi River each reported in 1910 a much larger proportion of the value of the poultry on farms than they did of the value of domestic animals on farms, while the opposite is true of the four divisions west of the Mississippi.

#### DOMESTIC ANIMALS ON FARMS.

In comparing the aggregate number and value of the several classes of domestic animals as reported at the censuses of 1910 and 1900, due consideration must be given to the fact that the enumeration of 1900 was as of June 1, while that of 1910 was as of April 15. Had the census of 1910 been taken as of June 1, the number of animals—especially of cattle, swine, and sheep—would have been materially greater than reported, for the reason that a very large number of domestic animals of all kinds are born during the six weeks from April 15 to June 1. As the value per head of these animals would be relatively low, however, an enumeration at the later date would not have had the effect of increasing the total value of animals reported in anything like the same degree; in other words, the average value per head would have been lower than that based upon the figures reported for April 15.

Table 4, on the opposite page, summarizes, for the United States as a whole, the principal facts with regard to the several classes of domestic animals on farms.

The following table shows the average value of live stock per farm and per acre of land in farms:

Table 3

DIVISION.	AVERAGE SIZE OF FARMS (ACRES).		VALUE OF LIVE STOCK PER FARM.		VALUE OF LIVE STOCK PER ACRE OF FARM LAND.	
	1910	1900	1910	1900	1910	1900
United States.....	138.1	144.2	\$774	\$536	\$5.60	\$3.67
New England.....	104.4	107.1	519	390	4.97	3.64
Middle Atlantic.....	92.2	92.4	745	506	8.08	5.48
East North Central.....	105.0	102.4	809	532	8.28	5.20
West North Central.....	209.6	189.5	1,398	917	6.67	4.84
South Atlantic.....	93.3	108.4	330	202	3.53	1.86
East South Central.....	78.2	89.9	354	236	4.53	2.63
West South Central.....	179.3	233.8	625	534	3.49	2.28
Mountain.....	324.5	457.9	2,119	2,406	6.53	5.26
Pacific.....	270.3	334.8	1,242	871	4.60	2.60

The average value of live stock per farm for the United States as a whole was \$774 in 1910. The average per farm was highest in the Mountain, West North Central, and Pacific divisions, which are also divisions in which the average size of farms considerably exceeds the average for the United States. In all but one division the average value of live stock per farm was greater in 1910 than in 1900. Largely because of the great decrease in the average size of farms in the Mountain division, however, the average value per farm in that division decreased.

The value of live stock per acre of farm land in the United States as reported in 1910 was \$5.60. The highest average per acre was in the East North Central division, and the next highest in the Middle Atlantic division. In the three southern divisions the value of live stock per acre is comparatively low. Between 1900 and 1910 the value of live stock per acre increased materially in each geographic division.

While there was during the decade 1900-1910 a great increase in the total value of domestic animals, this was due chiefly to the increase in average value per head. The returns show an apparent decrease in the number of cattle, swine, and sheep, and only a comparatively slight increase in the number of horses. Had both censuses been taken as of June 1, there would probably have been much less decrease in the number of cattle and of sheep, a moderate increase in the number of swine, and a somewhat greater increase in the number of horses and of mules than is shown in Table 4.

Horses, mules, and asses and burros together contributed more than one-half (55.1 per cent) of the value of domestic animals on farms in 1910, while cattle, which contributed almost one-half (49.5 per cent) of the total in 1900, contributed less than one-third (31.5 per cent) in 1910.

It is noteworthy that a smaller proportion of all farmers reported horses in 1910 than in 1900, while a decidedly larger proportion reported mules. Swine



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were reported by a smaller percentage of all farmers in 1910 than in 1900, and sheep by not only a smaller percentage, but a smaller absolute number. The proportion reporting cattle, however, increased slightly.

	All domestic animals.	Cattle.	HORSES, MULES, AND ASSES AND BURROS.				Swine.	Sheep.	Goats.
			Total.	Horses.	Mules.	Asses and burros.			
Number of animals (April 15, 1910 (June 1), 1900)		61,803,866	24,148,580	19,833,113	4,209,769	105,698	58,185,676	52,447,861	2,915,125
Increase <sup>1</sup>		67,719,410	21,625,800	18,267,020	3,264,615	94,165	62,808,041	61,503,713	1,870,599
Per cent		-5,915,544	2,522,780	1,566,093	945,154	11,533	-4,682,365	-9,055,852	1,044,526
		-8.7	11.7	8.6	29.0	12.2	-7.4	-14.7	55.8
Value of animals	1910	\$4,760,060,093	\$1,499,523,607	\$2,622,180,170	\$2,083,588,195	\$325,391,863	\$13,200,112	\$399,338,308	\$232,841,585
	1900	\$2,979,197,586	\$1,475,204,633	\$1,098,546,454	\$896,513,217	\$196,222,053	\$5,811,184	\$231,978,031	\$170,203,119
Increase		\$1,780,862,507	\$24,318,974	\$1,523,633,716	\$1,187,074,978	\$329,169,810	\$7,388,928	\$167,360,277	\$62,638,466
Per cent		59.8	1.6	138.7	132.4	167.8	127.1	72.1	36.8
Per cent of total value of domestic animals	1910	100.0	31.5	55.1	43.8	11.0	0.3	8.4	4.9
	1900	100.0	49.5	36.9	30.1	6.6	0.2	7.8	5.7
Average value per head	1910	\$24.26	\$108.59	\$105.06	\$124.80	\$124.89	\$6.86	\$4.44	\$2.12
	1900	\$21.78	\$50.80	\$49.08	\$60.11	\$61.71	\$3.69	\$2.77	\$1.75
Number of farms reporting	1910	6,034,783	5,284,916	4,092,814	1,869,005	43,927	4,351,751	610,894	82,755
	1900	5,498,417	4,730,480	4,530,628	1,480,652	33,584	4,335,363	763,518	77,515
Per cent of all farms	1910	94.9	83.1	73.8	29.4	0.7	68.4	9.6	1.3
	1900	95.8	82.4	79.0	25.8	0.6	75.6	13.3	1.4

<sup>1</sup> A minus sign (-) denotes decrease.

The following statement shows the percentage which the number of each kind of animals in each geographic division or section of the country represents of the total for the United States:

PER CENT OF TOTAL NUMBER FOR THE UNITED STATES.									
DIVISION OR SECTION.	Cattle.	Horses, mules, and asses and burros.				Swine.	Sheep.	Goats.	
		Total.	Horses.	Mules.	Asses and burros.				
United States...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
New England.....	2.2	1.5	1.8	(1)	0.1	0.7	0.8	0.1	
Middle Atlantic.....	6.8	5.3	6.2	1.2	0.6	3.1	3.5	0.3	
East North Central.....	15.9	19.3	22.2	6.2	5.1	24.9	18.2	1.2	
West North Central.....	28.6	31.2	34.3	17.0	21.1	36.6	9.7	3.9	
South Atlantic.....	7.8	7.7	5.6	17.8	3.2	10.2	4.8	7.2	
East South Central.....	6.4	9.0	5.8	23.8	14.9	9.3	4.8	6.8	
West South Central.....	17.3	15.2	11.8	30.6	28.2	12.1	4.2	43.8	
Mountain.....	9.8	6.2	7.2	1.2	23.7	1.1	43.4	25.3	
Pacific.....	5.2	4.6	5.1	2.2	3.1	2.0	10.7	11.4	
The North.....	53.5	57.3	64.4	24.5	27.0	65.2	32.2	5.5	
The South.....	31.6	31.9	23.2	72.2	46.2	31.7	13.7	57.8	
The West.....	15.0	10.8	12.3	3.3	26.8	3.1	54.1	36.7	
East of the Mississippi.....	39.1	42.8	41.6	49.1	24.0	48.2	32.1	15.6	
West of the Mississippi.....	60.9	57.2	58.4	50.9	76.0	51.8	67.9	84.4	

<sup>1</sup> Less than one-tenth of 1 per cent.

The West North Central division has the largest proportion of any division of the total number in the case of cattle, of horses, mules, and asses and burros combined, and of swine, the Mountain division much the largest proportion of the sheep, and the

West South Central division much the largest proportion of the goats. The North has more than half of the total number of cattle and nearly two-thirds of the horses and the swine; but the South has a larger proportion of the mules, asses and burros, and goats than the North or the West; while the West has more than half of the sheep of the country. The territory west of the Mississippi River contains a larger number of each kind of animals than the territory east of the river.

Table 6 shows, for 1910 and 1900, the 10 states leading in the total value of live stock on farms and in the number of the several classes or groups of domestic animals, respectively, the states being arranged in the order of their rank.

The wide distribution of most classes of live stock is indicated by the fact that the 10 states which lead in the total value of live stock together report less than one-half of the total for the United States. Texas has been at the last two censuses the leading state with respect to the number of all cattle and the number of horses, mules, and asses and burros considered together. At both censuses New York has led with respect to the number of dairy cows, and Iowa with respect to the number of swine. Wyoming had the largest number of sheep and goats, taken together, in 1910, but Montana had the greatest number in 1900.

STATES LEADING IN VALUE OF ALL LIVE STOCK.											
Rank.	All cattle.		Dairy cows.		Horses, mules, and asses and burros.		Swine.		Sheep and goats.		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	
1	Iowa.....	Iowa.....	Texas.....	Texas.....	New York...	New York...	Texas.....	Texas.....	Iowa.....	Iowa.....	Wyoming...
2	Texas.....	Texas.....	Iowa.....	Iowa.....	Wisconsin...	Iowa.....	Illinois...	Illinois...	Illinois...	Illinois...	Montana...
3	Illinois...	Illinois...	Kansas.....	Kansas.....	Iowa.....	Illinois...	Iowa.....	Iowa.....	Missouri...	Missouri...	New Mexico.
4	Missouri...	Kansas.....	Nebraska...	Oklahoma.	Minnesota...	Wisconsin...	Missouri...	Missouri...	Indiana...	Nebraska...	Wyoming...
5	Kansas.....	Missouri...	Wisconsin...	Nebraska...	Illinois...	Pennsylvania	Kansas.....	Kansas.....	Idaho.....	Idaho.....	Utah.....
6	Nebraska...	Nebraska...	Missouri...	Illinois...	Texas.....	Texas.....	Nebraska...	Ohio.....	Ohio.....	Kansas.....	Oregon...
7	Ohio.....	Illinois...	Illinois...	Missouri...	Pennsylvania	Ohio.....	Oklahoma.	Nebraska...	Kansas.....	Ohio.....	Idaho...
8	New York...	New York...	New York...	New York...	Ohio.....	Missouri...	Ohio.....	Indiana...	Texas.....	Texas.....	California.
9	Indiana...	Indiana...	Minnesota...	Wisconsin...	Missouri...	Minnesota...	Indiana...	Minnesota.	Oklahoma.	Wisconsin	Michigan...
10	Minnesota...	Pennsylvania	California...	Ohio.....	Michigan...	Kansas.....	Minnesota.	Kentucky.	Wisconsin.	Tennessee.	Missouri...



## LIVE STOCK ON FARMS—VALUE OF THE SEVERAL CLASSES, BY DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (—) denotes decrease.]

Table 7 DIVISION OR STATE.	ALL LIVE STOCK. <sup>1</sup>			DOMESTIC ANIMALS.			POULTRY.			BEES.		
	1910	1900	Per cent of increase.	1910	1900	Per cent of increase.	1910	1900	Per cent of increase.	1910	1900	Per cent of increase.
United States ...	\$4,925,173,610	\$3,075,477,703	60.1	\$4,760,060,093	\$2,979,197,586	59.8	\$154,663,220	\$85,807,818	80.2	\$10,373,615	\$10,178,087	1.9
GEOGRAPHIC DIVISIONS:												
New England.....	97,896,823	74,826,332	30.8	92,462,323	70,994,088	30.2	5,238,461	3,611,668	45.0	195,959	206,151	-4.9
Middle Atlantic....	349,159,535	245,635,518	42.1	330,213,413	234,366,768	40.9	17,775,385	10,005,094	76.1	1,166,587	1,164,581	0.2
East North Central.	976,329,922	604,633,707	61.5	935,456,253	581,889,163	60.8	39,070,998	20,819,906	87.7	1,800,931	1,897,163	-5.1
West North Central.	1,551,708,097	972,343,643	59.6	1,505,717,901	948,086,154	58.8	44,226,368	22,596,723	95.7	1,729,683	1,608,512	7.5
South Atlantic.....	366,534,152	194,302,808	88.6	351,328,058	184,132,273	90.8	13,631,507	8,545,899	59.5	1,574,577	1,664,636	-5.4
East South Central.	369,034,607	213,320,732	73.0	356,043,964	203,784,314	74.7	11,873,198	8,063,673	47.2	1,117,145	1,459,835	-23.5
West South Central.	589,837,078	403,138,495	46.3	576,926,092	394,471,373	46.3	11,910,631	7,612,990	56.5	997,825	1,053,562	-5.3
Mountain.....	388,746,520	243,836,888	59.4	383,272,141	241,842,845	58.5	4,656,963	1,362,014	241.9	784,056	402,539	59.2
Pacific.....	235,926,876	123,379,580	91.2	228,639,348	119,610,608	91.1	6,279,709	3,099,851	102.6	1,006,832	631,108	59.5
NEW ENGLAND:												
Maine.....	25,161,839	17,106,034	47.1	23,989,561	16,298,422	47.2	1,131,921	756,153	49.7	40,357	51,459	-21.6
New Hampshire....	11,910,478	10,554,646	12.8	11,237,764	10,062,877	11.7	649,121	467,104	39.0	23,593	24,665	-4.3
Vermont.....	22,642,766	17,841,317	26.9	21,990,630	17,373,169	26.6	607,787	421,195	44.3	44,349	46,953	-5.5
Massachusetts.....	20,741,366	15,798,464	31.3	19,208,712	14,730,169	30.4	1,492,961	1,018,119	46.6	39,683	35,751	11.0
Rhode Island.....	3,276,472	2,593,659	26.3	2,902,316	2,281,817	27.2	368,018	305,047	20.6	6,138	6,795	-9.7
Connecticut.....	14,163,902	10,932,212	29.6	13,133,340	10,247,634	28.2	988,653	644,050	53.5	41,839	40,528	3.2
MIDDLE ATLANTIC:												
New York.....	183,090,844	125,583,715	45.8	174,500,658	120,673,101	44.7	7,879,388	4,310,755	82.8	646,848	593,784	8.9
New Jersey.....	24,588,639	17,612,630	39.6	22,325,460	16,269,548	37.2	2,221,610	1,300,833	70.8	41,560	39,219	6.0
Pennsylvania.....	141,480,052	102,439,183	38.1	133,327,286	97,424,119	36.9	7,674,387	4,483,486	71.2	478,179	531,578	-10.0
EAST NORTH CENTRAL:												
Ohio.....	197,332,112	125,954,616	56.7	187,523,324	120,466,134	55.7	9,532,672	5,085,921	87.4	275,726	402,561	-31.5
Indiana.....	173,800,101	109,550,761	58.7	165,867,178	105,048,528	57.9	7,762,015	4,222,409	83.8	230,478	278,864	-17.4
Illinois.....	308,804,431	193,758,037	59.4	296,619,153	186,856,020	58.7	11,696,650	6,415,033	82.3	487,733	486,164	0.3
Michigan.....	137,803,795	79,042,644	74.3	131,746,348	75,997,051	73.4	5,610,958	2,685,829	108.9	446,464	352,469	26.7
Wisconsin.....	158,529,483	96,327,649	64.6	153,700,250	93,531,430	64.3	4,468,703	2,410,714	85.4	360,530	377,105	-4.4
WEST NORTH CENTRAL:												
Minnesota.....	161,641,146	89,063,097	81.5	156,771,855	86,620,643	81.0	4,646,960	2,274,649	104.3	221,781	167,280	32.6
Iowa.....	393,003,196	278,830,096	40.9	380,201,586	271,844,034	39.9	12,299,881	6,335,464	87.7	517,329	443,923	16.5
Missouri.....	285,839,108	160,540,004	78.0	273,366,662	154,295,363	77.2	11,870,972	5,720,359	107.5	584,549	508,217	15.0
North Dakota.....	108,249,866	42,430,491	155.1	106,761,317	41,951,659	154.5	1,485,463	477,358	211.2	3,086	1,474	109.4
South Dakota.....	127,229,200	65,173,432	95.2	124,841,010	64,287,578	94.2	2,356,465	856,966	175.0	31,650	10,088	213.7
Nebraska.....	222,222,004	145,349,587	52.9	217,849,050	142,769,629	52.6	4,219,158	2,374,930	77.7	152,676	199,563	-23.5
Kansas.....	253,523,577	190,956,936	32.8	245,926,421	186,317,248	32.0	7,377,469	4,356,997	69.3	218,612	277,967	-21.4
SOUTH ATLANTIC:												
Delaware.....	6,817,123	4,111,054	65.8	6,243,368	3,733,335	67.2	560,146	337,475	56.7	13,609	20,244	-32.8
Maryland.....	32,570,134	20,855,877	56.2	30,649,961	19,636,844	56.1	1,858,570	1,158,020	60.5	61,603	61,013	1.0
District of Columbia	152,840	125,326	22.0	145,573	122,019	19.3	6,477	3,108	108.4	790	199	297.0
Virginia.....	74,891,438	42,026,737	78.2	71,192,843	39,831,552	78.7	3,395,962	1,886,768	80.0	302,623	308,417	-1.9
West Virginia.....	43,336,073	30,571,259	41.8	41,318,436	29,231,832	41.3	1,628,700	963,806	69.0	388,937	375,622	3.5
North Carolina.....	62,649,984	30,106,173	108.1	60,000,731	28,242,147	112.6	2,212,570	1,434,158	54.3	386,683	429,868	-10.0
South Carolina.....	45,131,380	20,199,859	123.4	43,790,143	19,167,229	128.5	1,206,615	889,953	35.6	134,622	142,677	-5.6
Georgia.....	80,393,993	35,200,507	128.4	78,118,098	33,499,683	133.2	2,088,653	1,458,055	43.3	187,242	242,769	-22.9
Florida.....	20,591,187	11,166,016	84.4	19,818,905	10,687,632	85.4	673,814	394,557	70.8	98,468	83,827	17.5
EAST SOUTH CENTRAL:												
Kentucky.....	117,486,662	73,739,106	59.3	112,605,412	70,488,187	59.8	4,461,871	2,723,221	63.8	419,379	527,098	-20.4
Tennessee.....	110,706,078	60,818,605	82.0	106,608,122	58,043,895	83.7	3,757,337	2,275,864	65.1	340,619	486,536	-30.0
Alabama.....	65,594,834	36,105,799	81.7	63,574,674	34,408,932	84.8	1,807,239	1,409,269	28.2	212,921	287,098	-26.0
Mississippi.....	75,247,033	42,657,222	76.4	73,255,756	40,843,300	79.4	1,846,751	1,655,319	11.6	144,226	158,603	-9.1
WEST SOUTH CENTRAL:												
Arkansas.....	74,058,292	37,483,771	97.6	71,794,486	35,739,425	100.9	2,063,432	1,540,006	34.0	200,049	204,340	-2.1
Louisiana.....	44,099,485	28,869,506	54.8	43,314,683	27,757,301	56.0	1,326,614	1,057,889	25.4	58,188	54,316	7.1
Oklahoma.....	152,432,792	* 96,208,263	58.4	148,652,983	* 94,746,713	56.9	3,713,943	* 1,416,127	162.3	64,261	* 45,423	41.5
Texas.....	318,646,509	240,576,955	32.5	313,164,540	236,227,934	32.6	4,806,642	3,598,968	33.6	675,327	749,483	-9.9
MOUNTAIN:												
Montana.....	85,663,187	52,161,833	64.2	84,999,659	51,724,113	64.3	628,436	296,806	111.7	32,112	8,139	294.5
Idaho.....	49,775,309	21,657,974	129.8	49,076,971	21,389,853	129.4	598,190	203,127	194.5	100,148	64,994	54.1
Wyoming.....	65,605,510	39,145,877	67.6	65,384,559	39,080,158	67.3	194,078	60,397	221.3	20,493	5,322	285.1
Colorado.....	70,161,344	49,954,311	40.5	68,840,485	49,359,781	39.5	1,012,251	393,219	157.4	308,608	195,096	58.2
New Mexico.....	43,494,679	31,727,400	37.1	43,191,913	31,644,179	36.5	256,466	62,419	310.9	46,300	20,802	122.6
Arizona.....	26,090,870	15,545,687	67.6	24,376,530	15,375,286	58.5	1,545,966	103,298	1,396.7	104,374	66,603	56.7
Utah.....	28,781,691	21,474,241	34.0	28,330,215	21,175,867	33.8	327,908	186,922	75.4	123,568	111,452	10.9
Nevada.....	19,213,930	12,160,565	57.9	19,071,809	12,093,608	57.7	93,668	55,826	67.8	48,453	20,131	140.7
PACIFIC:												
Washington.....	48,865,110	22,159,207	120.5	47,370,775	21,437,528	121.0	1,367,440	614,838	122.4	126,895	106,841	18.8
Oregon.....	59,461,828	33,917,048	75.3	58,243,921	33,172,842	75.6	1,067,743	582,324	83.3	150,164	100,382	-6.4
California.....	127,599,938	67,303,325	89.6	123,024,652	65,000,738	89.3	3,844,526	1,902,489	102.1	729,793	303,885	100.6

<sup>1</sup> Totals include a small amount for the value of special classes of animals (buffaloes, deer, etc.) not included under "domestic animals." \* Includes Indian Territory.



## CATTLE ON FARMS.

United States as a whole.—Comparisons between the censuses of 1910 and 1900 with reference to the statistics of cattle are rendered difficult, not only by the change in the date of enumeration, already mentioned, but by changes in the definitions of the several classes of cattle which seemed necessary in view of the change in the date of enumeration.<sup>1</sup>

The tabular statement below shows the exact designations of the various classes as they appeared upon the schedules for the two censuses, and the number reported in each class. The age limits, expressed in months, which correspond to the dates specified in 1910, and the limits, expressed in date of birth, which correspond to the ages specified in 1900, are also stated. For purposes of comparison it is necessary to combine all steers and bulls at both censuses.

Table 8 1910 (APRIL 15).			1900 (JUNE 1).			CLASSES FOR COMPARISON.				
Class as defined in schedule.	Corresponding age limits.	Number.	Class as defined in schedule.	Corresponding limits of date of birth.	Number.	Designation in comparative tables.	Number.		Nominal increase.	
							1910	1900	Number.	Per cent.
Total.....		61,803,866	Total.....		67,719,410	Total.....	61,803,866	67,719,410	-5,915,544	-8.7
Cows and heifers kept for milk born before Jan. 1, 1909.	Over 15½ months.	20,625,432	Cows kept for milk 2 years old and over.	Before June 1, 1898.	17,135,633	Dairy cows.....	20,625,432	17,135,633	3,489,799	20.4
Cows and heifers not kept for milk born before Jan. 1, 1909.	Over 15½ months.	12,023,682	Cows and heifers not kept for milk 2 years old and over.	Before June 1, 1898.	11,559,194	Other cows.....	12,023,682	11,559,194	464,488	4.0
Heifers born in 1909.....	3½ to 15½ months.	7,295,880	Heifers 1 and under 2 years.	June 1, 1898, to June 1, 1899.	7,174,483	Heifers.....	7,295,880	7,174,483	121,397	1.7
Steers and bulls born before Jan. 1, 1909.	Over 15½ months.	7,598,258	Bulls 1 year and over.	Before June 1, 1899.	1,315,132	Steers and bulls.	13,048,547	16,534,518	-3,485,971	-21.1
			Steers 2 years and over.	Before June 1, 1898.	8,266,273					
Steers and bulls born in 1909.	3½ to 15½ months.	5,450,289	Steers 1 and under 2 years.	June 1, 1898, to June 1, 1899.	6,953,113	Calves.....	7,806,539	15,315,582	-7,509,043	-49.0
Calves born after Jan. 1, 1910.	Under 3½ months.	7,806,539	Calves under 1 year.	June 1, 1899, to June 1, 1900.	15,315,582					

<sup>1</sup> A minus sign (—) denotes decrease.

With respect to the total number of cattle, the comparability of the returns is affected only by the change in the date of enumeration from June 1 at the Twelfth Census to April 15 at the Thirteenth Census. The period of six weeks between April 15 and June 1 is, however, one in which an exceedingly large number of calves are born. There were at least as many cows to produce calves in 1910 as in 1900 (probably somewhat more), so that presumably had the enumeration of 1910 been made as of June 1 there would have been at least as many calves less than 1 year old as there were in 1900, namely, 15,316,000. Much the greater part of these would have consisted of calves born between January 1 and June 1, 1910, as many more calves are born during the first five months of the year than during the last seven months, and, moreover, of those born in the later months of the year a much larger proportion would be slaughtered by June 1. It is reasonable to suppose, therefore, that had the

enumeration of 1910 been made as of June 1, there would have been twelve or thirteen million calves reported as born during 1910, or five or six million more than were actually reported on April 15 as born during that year (7,807,000). On the other hand, a certain number—probably one or two million—of the older cattle would have been slaughtered or otherwise eliminated between April 15 and June 1, so that the net addition to the total number of cattle on June 1 would have been perhaps four or five million.

Instead, therefore, of a decrease in the total number of cattle from 67,719,000 on June 1, 1900, to 61,804,000 on April 15, 1910 (a decrease of 5,915,000, or 8.7 per cent), there would probably have been a decrease of not more than three million, and possibly not over one million, had the enumeration of 1910 been made as of June 1. Even a comparatively small decrease in the number of cattle, however, is significant when considered in connection with the increase of 21 per cent in population during the decade.

The number of dairy cows reported in 1910 was 20,625,000, and the number reported in 1900 was 17,136,000, so that there was a nominal increase of 20.4 per cent. The number of dairy cows, however, as reported at the census of 1910, includes all born prior to January 1, 1909, or, in other words, all over 15½ months old, while the class in 1900 included only those 2 years of age or over. It would be necessary, in order to make the 1910 figures exactly comparable with the 1900 figures, first, to subtract from the number of cows reported on April 15, 1910, the number of those cows which were born between June 1, 1908, and January 1, 1909, since these would have been counted as heif-

<sup>1</sup>At the census of 1900 the ages of cattle, as well as of other domestic animals, were stated in years—for example, less than 1 year old, 1 to 2 years, 2 years and over. This method of reporting probably gave reasonably accurate results when the date of enumeration was June 1, but had it been employed when the date of enumeration was April 15 the results would have been unsatisfactory. That date is in the very middle of the period when the greater number of animals are born. Farmers of course do not keep accurate records of the ages of their animals, and many would have found it impossible to state on April 15, 1910, which animals were under or over 1 year or 2 years of age. Moreover, a classification which would divide a group of animals born during the same spring and put some in one class and some in another would obviously be unsatisfactory. It was therefore considered necessary at the census of 1910 to base the classification of age upon calendar years, calling for all animals born after, during, or before the year 1909, respectively. This involved radical changes in the age limits of some of the groups, as compared with those employed in 1900.



ers if the age classification had been the same as at the census of 1900; and, second, to subtract also the number of such cows slaughtered or otherwise eliminated between April 15 and June 1, 1910. Neither of these deductions would be large, and it is certain that, after making all necessary allowances, there was a very considerable increase in the number of dairy cows.

Cows and heifers not kept for milk increased nominally by 4 per cent during the decade, but in the absence of any change in the date of enumeration or the method of classification, some little decrease would possibly have appeared in this group.

The number of animals classed as steers and bulls declined from 16,535,000 in 1900 to 13,049,000 in 1910, or 21.1 per cent, and had there been no change in the date of enumeration or method of classification the decline would have been even greater. The number of heifers at the two censuses is approximately comparable, since in each case it includes the animals born during a 12-month period. This class shows very little change in numbers between the two censuses.

Taken as a whole, the census returns show that the dairy industry is increasing in importance, while the business of raising cattle for slaughter is declining.

Table 9 shows, for 1910 and 1900, the value of the principal classes of cattle, as well as the number of farms reporting each class in 1910.

There was a very considerable increase in the total value of dairy cows, but a decrease in the value of all the other classes shown in the table.

Table 9	All cattle (including calves).	Dairy cows.	Other cows.	Heifers.	Steers and bulls.
1910—Number ...	1 61,803,866	20,625,432	12,023,682	7,295,880	13,049,547
Value.....	\$1,499,523,607	\$706,236,307	\$269,100,193	\$103,194,026	\$347,901,174
Average value..	24.25	\$34.24	\$22.39	\$14.14	\$26.66
Farms report'g..	5,284,916	5,140,809	1,444,733	2,374,507	.....
Per cent of all farms.....	83.1	80.8	22.7	37.3	.....
1900—Number ...	67,719,410	17,135,633	11,559,194	7,174,483	16,534,518
Value.....	\$1,475,204,633	\$508,616,501	\$271,302,682	\$121,528,076	\$436,467,373
Average value..	\$21.78	\$29.68	\$23.47	\$16.94	\$26.40

<sup>1</sup> Includes 1,003,786 unclassified cattle, valued at \$21,031,774.

**Divisions and states.**—Table 14 (pages 316 and 317) shows, for each geographic division and each state, the number and value of the several classes of cattle on farms at the last two censuses. Table 10 below shows the percentage distribution of each class among the divisions and sections, and also the average number of all cattle (excluding calves) and of dairy cows per 1,000 acres of land in farms and of improved farm land. The distribution of calves is not shown, because the difference in climate so affects the relative number of calves born before April 15 in the different divisions that such a distribution would not represent normal conditions.

DIVISION OR SECTION.	PER CENT OF TOTAL NUMBER IN THE UNITED STATES.												AVERAGE NUMBER PER 1,000 ACRES OF ALL LAND IN FARMS.				AVERAGE NUMBER PER 1,000 ACRES OF IMPROVED LAND IN FARMS.			
	All cattle.		All cattle (excluding calves).		Dairy cows.		Other cows.		Heifers.		Steers and bulls.		All cattle (excluding calves).		Dairy cows.		All cattle (excluding calves).		Dairy cows.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	61	63	23	20	113	126	43	41
New England.....	2.2	2.4	2.2	2.5	4.1	5.2	0.8	0.6	1.9	2.9	0.7	0.9	59	64	43	43	161	162	116	110
Middle Atlantic.....	6.8	7.0	6.5	7.2	12.6	15.2	2.1	1.3	5.8	8.1	2.0	2.6	82	84	60	58	120	122	89	85
East North Central.....	15.9	15.6	15.5	15.1	23.4	23.1	7.0	4.5	17.5	16.4	10.9	13.5	71	68	41	34	94	91	54	46
West North Central.....	28.6	29.7	28.4	29.4	25.8	26.4	23.8	23.9	30.1	29.9	37.6	36.2	66	77	23	23	93	114	32	33
South Atlantic.....	7.8	6.5	7.9	6.7	8.8	8.1	7.6	5.6	7.5	6.0	6.7	6.2	41	34	17	13	88	76	37	30
East South Central.....	6.4	5.4	6.4	5.2	7.9	7.4	4.2	2.3	7.3	5.2	6.0	5.0	42	34	20	16	79	68	37	31
West South Central.....	17.3	21.0	17.5	21.2	10.9	9.5	25.8	37.6	15.9	18.8	19.4	22.7	56	63	13	9	162	279	39	41
Mountain.....	9.8	8.7	10.4	9.1	2.5	1.9	21.6	19.5	9.2	8.8	11.6	9.4	95	103	9	7	354	567	32	39
Pacific.....	5.2	3.8	5.2	3.7	4.0	3.1	7.1	4.7	4.8	3.8	5.2	3.5	55	41	16	11	127	103	38	29
The North.....	53.5	54.6	52.6	54.2	65.9	70.0	33.7	30.3	55.3	57.4	51.1	53.1	69	74	33	31	98	109	47	46
The South.....	31.6	32.9	31.8	33.0	27.6	25.0	37.6	45.5	30.7	30.0	32.1	34.0	48	48	16	12	114	137	38	34
The West.....	15.0	12.5	15.6	12.8	6.5	5.1	28.7	24.2	14.0	12.6	16.8	12.9	76	71	12	9	222	247	35	32
East of the Mississippi.....	39.1	36.9	38.5	36.6	56.8	59.0	21.7	14.3	40.0	38.7	26.2	28.2	57	52	32	28	95	91	54	48
West of the Mississippi.....	60.9	63.1	61.5	63.4	43.2	41.0	78.3	85.7	60.0	61.3	73.8	71.8	65	71	17	15	128	164	34	35

The West North Central division ranked first in number of all cattle (excluding calves) in 1910, with 28.4 per cent of the total number, followed by the West South Central, with 17.5 per cent, and the East North Central, with 15.5 per cent.

The distribution of dairy cows was somewhat different from that of the other classes of cattle. The West North Central division ranked first, reporting 25.8 per cent of the total number in 1910, but was very closely followed by the East North Central. The Middle Atlantic and West South Central divisions ranked third and fourth.

In the North were found 52.6 per cent of the total number of cattle (excluding calves) in 1910, and 65.9

per cent of the dairy cows; in the South, 31.8 per cent and 27.6 per cent, respectively; and in the West, 15.6 per cent of the total number of cattle (excluding calves), but only 6.5 per cent of the dairy cows.

The average number of all cattle (excluding calves) per 1,000 acres of land in farms was highest in the Mountain division, 95, the Middle Atlantic division following closely, with 82, while the South Atlantic division shows the lowest average, 41. This average is exaggerated in the Mountain division, where considerable tracts used for grazing are not reported as in farms. The divisions ranked very differently, however, with respect to the average number of dairy cows per 1,000 acres.



The following statement, based on Table 14, shows the increase or decrease in the number of each class of cattle between June 1, 1900, and April 15, 1910. The figures of the two censuses for all cattle (excluding

calves) are somewhat more nearly comparable than those for all cattle, but are not exactly comparable, the figures for 1910 being relatively somewhat too high (see below).

Table 11

INCREASE IN NUMBER, JUNE 1, 1900, TO APRIL 15, 1910.<sup>1</sup>

DIVISION OR SECTION.	All cattle.		All cattle (excluding calves).		Dairy cows.		Other cows.		Heifers.		Calves.		Steers and bulls.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
<b>United States.....</b>	<b>-5,915,544</b>	<b>-8.7</b>	<b>1,593,499</b>	<b>3.0</b>	<b>3,489,799</b>	<b>20.4</b>	<b>464,488</b>	<b>4.0</b>	<b>121,397</b>	<b>1.7</b>	<b>-7,509,043</b>	<b>-49.0</b>	<b>-3,485,971</b>	<b>-21.1</b>
New England.....	-270,065	-16.8	-148,016	-11.2	-51,780	-5.8	34,940	52.4	-69,366	-33.2	-122,049	-42.1	-61,810	-41.9
Middle Atlantic.....	-500,699	-10.6	-234,470	-6.2	-5,136	-0.2	97,327	62.7	-164,030	-28.1	-266,229	-27.5	-162,631	-38.5
East North Central.....	-713,217	-6.8	482,170	6.1	867,046	21.9	317,991	61.2	99,301	8.4	-1,195,387	-45.2	-802,168	-36.0
West North Central.....	-2,441,385	-12.2	-96,683	-0.6	799,803	17.7	99,197	3.6	48,477	2.3	-2,344,702	-50.2	-1,079,305	-18.0
South Atlantic.....	407,571	9.2	773,811	22.2	427,435	30.9	268,026	41.7	112,657	26.0	-366,240	-38.9	-163,661	-15.9
East South Central.....	274,005	7.5	730,249	26.7	363,779	28.8	242,740	92.1	160,718	43.2	-456,244	-48.6	-47,420	-5.7
West South Central.....	-3,481,130	-24.5	-1,645,548	-14.8	614,599	37.6	-1,245,669	-28.6	-189,105	-14.0	-1,835,582	-59.0	-1,224,413	-32.6
Mountain.....	144,826	2.4	865,778	18.2	184,862	56.1	343,352	15.3	40,198	6.4	-720,932	-62.5	-42,751	-2.8
Pacific.....	664,550	26.2	866,208	44.7	289,191	53.9	306,584	56.2	82,547	30.5	-201,658	-33.4	98,188	16.8
The North.....	-3,925,366	-10.6	3,001	( <sup>2</sup> )	1,609,933	13.4	549,455	15.7	-85,618	-2.1	-3,928,367	-45.8	-2,105,914	-24.0
The South.....	-2,799,554	-12.6	-141,488	-0.8	1,405,813	32.8	-734,903	-14.0	84,270	3.9	-2,658,066	-53.3	-1,435,494	-25.5
The West.....	809,376	9.6	1,731,986	25.9	474,053	54.7	649,936	23.2	122,745	13.6	-922,610	-52.5	55,437	2.6
East of the Mississippi.	-802,405	-3.2	1,603,744	8.4	1,601,344	15.8	961,024	58.3	139,280	5.0	-2,406,149	-41.6	-1,237,690	-26.6
West of the Mississippi.	-5,113,139	-12.0	-10,245	( <sup>2</sup> )	1,888,455	26.9	-496,536	-5.0	-17,883	-0.4	-5,102,894	-53.5	-2,248,281	-18.9

<sup>1</sup> A minus sign (-) denotes decrease.<sup>2</sup> Less than one-tenth of 1 per cent.

The total number of cattle (excluding calves) increased in the East North Central, South Atlantic, East South Central, Mountain, and Pacific divisions, but decreased in the other four divisions.

The number of dairy cows increased in all of the divisions except the New England and Middle Atlantic. There was a decrease in steers and bulls in every division except the Pacific, but, on the other hand, cows not kept for dairy purposes increased in every division except the West South Central, and heifers increased in all but three of the divisions.

Table 12 shows the average value of each class of cattle in 1910 and 1900.

The average value of all cattle on farms and ranges was \$24.26 in 1910, as compared with \$21.78 in 1900. Had the census of 1910 been taken as of June 1, however, after more spring calves had been born, the average value of the cattle reported would have been somewhat lower than on April 15. The changes in the average value of most of the specified classes of cattle appear to be due mainly to changes in the age limits. The average value of dairy cows, however, increased from \$29.68 to \$34.24, though the minimum age limit was somewhat lower in 1910 than in 1900.

Table 13, below, gives the number of all cattle on farms (excluding calves) and the number of dairy cows, by geographic divisions, for the censuses of 1910, 1900, 1890, and 1880. The data for each census except that of 1910 were collected as of the same date and on the same basis of classification.

Table 12

AVERAGE VALUE PER HEAD.

DIVISION.	All cattle.		All cattle (excluding calves).		Dairy cows.		Other cows.		Heifers.		Calves.		Steers and bulls.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>United States:</b>	<b>\$24.26</b>	<b>\$21.78</b>	<b>\$25.81</b>	<b>\$25.53</b>	<b>\$34.24</b>	<b>\$29.68</b>	<b>\$22.39</b>	<b>\$23.47</b>	<b>\$14.14</b>	<b>\$16.94</b>	<b>\$6.66</b>	<b>\$8.96</b>	<b>\$26.66</b>	<b>\$26.40</b>
New England:	31.60	24.21	35.29	28.04	39.60	31.52	23.37	23.63	15.03	14.82	5.98	6.82	40.02	27.72
Middle Atlantic:	32.77	23.87	37.96	28.28	43.25	32.15	25.53	24.80	16.83	15.97	6.66	6.74	31.25	22.74
East North Central:	27.70	23.23	31.28	28.21	37.12	31.35	26.66	29.41	15.78	18.28	7.00	8.39	28.11	27.62
West North Central:	25.48	25.30	28.32	29.69	33.25	31.64	26.81	29.68	14.94	19.97	6.72	10.78	29.82	31.71
South Atlantic:	18.50	14.97	20.22	17.52	26.39	21.97	13.32	11.42	10.31	10.62	5.74	5.51	22.16	18.23
East South Central:	19.13	16.97	21.02	20.58	26.97	24.19	15.60	17.70	10.06	12.70	5.51	6.47	19.74	19.53
West South Central:	18.96	17.68	20.65	20.20	26.30	23.03	18.61	19.96	11.70	13.95	6.43	8.71	22.12	21.48
Mountain:	24.13	22.56	25.35	25.35	39.69	35.77	23.89	24.72	16.36	18.51	8.30	11.04	27.41	26.83
Pacific:	25.76	22.54	28.44	26.87	39.81	35.22	25.17	25.73	15.66	18.01	7.06	8.66	26.43	24.36

Table 13

ALL CATTLE (EXCLUDING CALVES).

DAIRY COWS.

DIVISION.	ALL CATTLE (EXCLUDING CALVES).				DAIRY COWS.			
	1910	1900	1890	1880	1910	1900	1890	1880
<b>United States.....</b>	<b>53,997,327</b>	<b>52,403,828</b>	<b>57,648,792</b>	<b>39,675,533</b>	<b>20,625,432</b>	<b>17,135,633</b>	<b>18,511,950</b>	<b>12,443,129</b>
New England.....	1,168,528	1,316,544	1,411,832	1,503,432	841,698	893,478	822,001	746,656
Middle Atlantic.....	3,530,602	3,765,072	4,049,872	4,253,844	2,597,632	2,602,788	2,529,060	2,444,080
East North Central.....	8,369,644	7,887,474	9,033,132	7,629,040	4,829,327	3,962,481	3,732,237	2,990,832
West North Central.....	15,325,303	15,421,986	15,568,301	18,205,181	5,327,606	4,527,803	4,488,762	2,411,229
South Atlantic.....	4,264,112	3,490,301	3,890,107	3,951,728	1,810,754	1,385,319	1,309,666	1,280,761
East South Central.....	3,460,270	2,730,021	3,822,184	3,095,993	1,628,061	1,264,282	1,312,074	1,145,493
West South Central.....	9,447,815	11,093,363	10,677,902	8,619,740	2,249,553	1,634,934	1,517,583	1,002,037
Mountain.....	5,627,878	4,762,100	6,811,182	2,765,312	514,466	329,604	215,689	124,844
Pacific.....	2,803,175	1,936,967	2,384,200	1,611,243	826,115	536,924	502,078	297,249

<sup>1</sup> Includes estimated number of cattle on public ranges.



## CATTLE ON FARMS—NUMBER AND VALUE, BY AGE AND

[See text with reference to date of enumeration and change in classification.]

Table 14	DIVISION OR STATE.	ALL CATTLE.				DAIRY COWS.				OTHER COWS.			
		Number.		Value.		Number.		Value.		Number.		Value.	
		1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	United States.....	61,803,866	67,719,410	\$1,499,523,607	\$1,475,204,633	20,625,432	17,135,633	\$706,236,307	\$508,616,501	12,023,682	11,559,194	\$269,160,193	\$271,302,682
GEOGRAPHIC DIV.:													
2	New England.....	1,336,550	1,606,615	42,240,849	38,901,949	841,698	893,478	33,333,262	28,162,946	101,559	66,619	2,373,332	1,573,973
3	Middle Atlantic.....	4,232,521	4,733,220	138,685,253	112,997,472	2,597,652	2,602,788	112,358,529	83,676,301	252,577	155,250	6,447,442	3,849,692
4	E. North Central.....	9,819,097	10,532,314	271,944,120	244,710,351	4,829,527	3,962,481	179,274,884	124,214,431	837,880	519,889	22,341,550	15,291,227
5	W. North Central.....	17,647,714	20,089,099	449,654,307	508,193,536	5,327,606	4,527,803	177,116,353	143,239,750	2,865,372	2,766,175	76,808,285	82,092,750
6	South Atlantic.....	4,839,321	4,431,750	89,539,532	66,321,262	1,810,754	1,383,319	47,779,085	30,396,379	910,106	642,080	12,122,883	7,329,861
7	E. South Central.....	3,942,526	3,668,521	75,401,279	62,253,269	1,628,061	1,264,282	43,901,866	30,576,691	506,234	263,494	7,807,542	4,064,610
8	W. South Central.....	10,721,012	14,202,142	203,239,500	251,117,313	2,249,553	1,634,954	59,165,583	37,651,230	3,103,235	4,348,904	57,740,079	86,821,688
9	Mountain.....	6,060,725	5,915,899	146,260,549	133,449,400	514,466	329,604	20,418,519	11,790,181	2,594,190	2,250,838	61,970,884	55,634,378
10	Pacific.....	3,204,400	2,539,850	82,549,218	57,200,081	826,115	536,924	32,888,226	18,908,592	852,529	545,945	21,458,196	14,044,503
NEW ENGLAND:													
11	Maine.....	256,523	338,847	7,784,384	7,585,545	156,819	173,592	5,874,228	5,060,048	17,975	12,483	393,705	272,017
12	New Hampshire.....	167,831	226,792	5,240,122	5,546,630	101,278	115,036	3,916,441	3,615,354	16,175	13,102	372,250	319,086
13	Vermont.....	430,314	501,940	11,828,892	10,528,795	265,483	270,194	9,527,600	7,740,908	27,612	21,715	586,806	472,874
14	Massachusetts.....	232,416	285,944	9,348,076	8,130,917	171,936	184,562	7,815,701	6,546,954	20,100	9,946	512,381	262,090
15	Rhode Island.....	34,148	36,034	1,309,088	1,165,797	23,329	23,660	1,089,074	937,137	2,524	1,379	66,703	38,003
16	Connecticut.....	195,318	217,058	6,730,287	5,944,265	122,853	126,434	5,110,158	4,262,545	17,173	7,994	441,487	209,903
MIDDLE ATLANTIC:													
17	New York.....	2,423,002	2,596,389	83,062,242	62,735,174	1,509,594	1,501,608	69,110,608	48,694,512	138,461	98,466	3,739,506	2,393,248
18	New Jersey.....	222,999	239,984	8,393,117	7,199,107	154,418	157,407	7,141,572	5,840,228	14,896	7,977	423,250	235,183
19	Pennsylvania.....	1,586,519	1,896,847	47,229,894	43,063,191	933,640	943,773	36,106,349	29,141,561	99,220	48,807	2,284,686	1,221,261
E. NORTH CENTRAL:													
20	Ohio.....	1,837,697	2,053,313	51,403,341	46,560,246	905,125	818,239	33,963,472	24,725,382	142,261	87,040	3,671,000	2,347,072
21	Indiana.....	1,363,016	1,684,478	39,110,492	40,964,524	633,591	574,276	23,898,428	18,285,504	133,709	88,619	3,720,123	2,777,104
22	Illinois.....	2,440,577	3,104,010	73,454,745	82,170,907	1,050,223	1,007,664	41,189,997	34,279,218	281,957	228,931	8,436,327	7,238,385
23	Michigan.....	1,497,823	1,376,408	40,500,318	28,165,256	767,083	563,905	29,312,252	17,281,805	106,801	46,205	2,570,663	1,197,893
24	Wisconsin.....	2,680,074	2,314,105	67,475,224	46,849,418	1,473,505	998,397	50,910,735	29,642,522	173,152	69,094	3,934,437	1,730,773
W. NORTH CENTRAL:													
25	Minnesota.....	2,347,435	1,871,325	50,306,372	36,248,938	1,085,388	753,632	33,276,653	21,513,337	218,948	68,565	4,616,179	1,689,684
26	Iowa.....	4,448,006	5,367,630	118,864,139	142,518,902	1,406,792	1,423,648	48,651,418	46,349,012	614,930	461,031	17,715,974	14,315,225
27	Missouri.....	2,561,482	2,978,589	72,883,664	75,656,807	856,430	765,386	30,620,097	23,514,794	306,681	324,198	8,692,733	9,252,117
28	North Dakota.....	743,762	657,434	17,711,398	15,810,637	259,173	125,503	8,738,468	4,078,546	119,510	108,146	3,256,904	3,425,103
29	South Dakota.....	1,153,276	1,546,800	36,257,234	37,847,933	369,764	270,634	11,502,951	8,400,818	341,959	270,285	9,232,917	7,991,874
30	Nebraska.....	1,932,330	3,176,243	73,074,057	82,469,408	613,952	512,544	20,029,378	17,192,120	705,191	674,025	18,585,179	20,552,720
31	Kansas.....	3,079,403	4,491,078	80,557,443	117,640,801	736,107	676,456	24,297,388	22,191,123	558,153	859,925	14,708,399	24,866,027
SOUTH ATLANTIC:													
32	Delaware.....	54,986	54,180	1,648,333	1,340,885	35,708	32,591	1,315,266	993,972	3,497	1,866	78,966	46,527
33	Maryland.....	287,751	292,646	7,869,526	6,853,121	166,859	147,284	5,580,210	4,339,777	18,816	9,490	413,661	218,441
34	Dist. of Columbia.....	982	1,462	75,305	54,471	857	1,251	68,535	50,399	.....	38	.....	950
35	Virginia.....	1,859,067	825,512	21,124,071	16,838,847	356,284	281,876	10,285,422	6,641,677	87,697	40,735	1,789,833	808,745
36	West Virginia.....	620,288	639,782	15,860,764	14,058,427	239,539	205,601	7,563,400	5,694,302	63,740	36,870	1,544,213	896,279
37	North Carolina.....	1,700,861	624,518	12,550,054	7,667,950	308,914	233,178	7,839,055	4,426,709	166,553	61,082	1,455,032	675,729
38	South Carolina.....	1,389,882	342,898	7,088,259	4,334,714	180,842	126,684	4,719,950	2,541,723	65,319	42,235	954,236	528,133
39	Georgia.....	1,080,316	890,491	14,060,958	8,828,498	405,710	276,024	8,886,700	4,658,971	245,303	164,052	2,496,331	1,470,135
40	Florida.....	1,845,188	751,261	9,262,262	6,344,349	116,041	78,830	2,020,547	1,048,849	319,181	285,712	3,390,621	2,684,922
E. SOUTH CENTRAL:													
41	Kentucky.....	1,000,937	1,083,248	25,971,571	24,987,741	409,834	364,025	13,726,018	10,518,031	101,232	51,745	2,289,579	1,359,424
42	Tennessee.....	1,996,529	912,183	20,690,718	15,401,051	397,104	321,676	11,990,755	8,137,474	119,718	49,560	2,097,049	961,627
43	Alabama.....	1,932,428	799,734	13,469,626	9,793,556	391,536	279,263	8,569,538	5,512,940	146,354	76,560	1,691,238	997,111
44	Mississippi.....	1,012,632	873,356	15,269,364	12,070,921	429,587	299,318	9,606,555	6,408,246	138,930	85,629	1,819,676	1,346,548
W. SOUTH CENTRAL:													
45	Arkansas.....	1,028,071	894,535	15,460,666	11,885,627	425,703	312,577	9,522,368	6,349,801	146,199	79,557	2,077,157	1,284,763
46	Louisiana.....	1,804,795	670,295	11,605,354	8,580,996	279,097	184,815	5,912,779	3,607,033	183,550	124,769	2,650,249	1,928,524
47	Oklahoma.....	1,953,560	3,209,116	43,187,601	67,421,786	530,796	276,539	16,072,908	7,699,069	304,165	274,698	6,489,690	16,946,775
48	Texas.....	6,934,586	9,428,196	132,985,879	163,228,904	1,013,867	861,023	27,657,528	19,995,327	2,469,321	3,369,880	46,522,963	66,661,626
MOUNTAIN:													
49	Montana.....	1,943,147	968,387	27,474,122	25,362,016	77,527	45,036	3,407,090	1,886,580	372,798	311,513	11,259,752	9,270,977
50	Idaho.....	1,453,807	363,534	11,330,639	8,389,954	86,299	51,929	3,434,134	1,797,122	148,907	100,606	3,713,295	2,765,853
51	Wyoming.....	1,767,427	687,284	22,697,387	19,303,191	32,699	18,272	1,387,273	720,603	307,189	244,859	9,410,306	7,931,297
52	Colorado.....	1,127,737	1,433,318	31,017,303	35,532,738	144,734	100,116	5,961,316	3,797,997	405,884	483,039	11,083,972	13,807,743
53	New Mexico.....	1,081,663	991,859	20,409,965	17,977,931	51,451	16,775	1,706,201	510,408	579,601	502,865	10,924,867	9,854,024
54	Arizona.....	1,824,929	742,635	14,624,708	11,367,466	28,862	17,965	1,273,076	577,603	384,091	357,719	6,742,626	5,901,964
55	Utah.....	1,412,334	343,690	8,948,702	7,152,844	75,810	65,905	2,586,544	2,037,367	185,174	96,849	4,017,265	2,332,853
56	Nevada.....	1,449,681	385,192	9,766,723	8,273,260	17,084	13,606	662,885	462,681	210,546	153,388	4,818,802	3,749,667
PACIFIC:													
57	Washington.....	1,402,120	394,923	12,193,465	9,440,038	186,233	107,232	7,988,133	4,076,189	58,140	58,395	1,530,758	1,722,503
58	Oregon.....	1,725,255	700,303	17,570,685	15,164,897	172,550	122,447	6,302,765	4,093,333	217,480	183,100	5,129,426	4,559,107
59	California.....	12,077,025	1,444,624	52,785,068	32,655,146	467,332	307,245	18,597,328	10,739,070	576,909	304,450	14,798,012	7,762,893



## LIVE STOCK ON FARMS AND ELSEWHERE.

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SEX GROUPS, BY DIVISIONS AND STATES: 1910 AND 1900.

[See text with reference to date of enumeration and change in classification.]

Table 14—Continued.												
DIVISION OR STATE.	YEARLING HEIFERS.				CALVES.				STEERS AND BULLS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1 United States.....	7,295,880	7,174,483	\$103,194,026	\$121,528,076	7,806,539	15,315,582	\$52,000,133	\$137,290,001	13,048,547	16,534,518	\$347,901,174	\$436,467,373
GEOGRAPHIC DIVISIONS:												
2 New England.....	139,492	208,858	2,095,920	3,094,829	168,022	290,071	1,005,314	1,979,525	85,779	147,589	3,433,021	4,090,676
3 Middle Atlantic.....	420,046	584,076	7,009,138	9,327,584	701,919	968,148	4,676,025	6,526,958	260,327	422,958	8,134,119	9,616,937
4 East North Central.....	1,279,030	1,179,729	20,183,222	21,567,308	1,449,453	2,644,840	10,143,006	22,178,540	1,423,207	2,225,375	40,001,438	61,458,845
5 West North Central.....	2,193,979	2,145,502	32,779,162	42,836,754	2,322,411	4,667,113	15,605,540	50,322,843	4,903,201	5,982,506	146,300,706	189,701,439
6 South Atlantic.....	545,897	433,240	5,626,390	4,600,035	575,209	941,449	3,303,304	5,183,657	868,001	1,031,662	19,236,128	18,810,730
7 East South Central.....	532,815	372,097	5,358,607	4,726,849	482,256	938,500	2,654,890	6,071,611	782,728	830,148	15,453,820	16,213,508
8 West South Central.....	1,160,124	1,349,229	13,567,986	18,819,545	1,273,197	3,108,779	8,183,618	27,068,181	2,535,863	3,760,276	56,095,225	80,756,669
9 Mountain.....	670,920	630,722	10,975,173	11,672,879	432,847	1,153,799	3,593,978	12,736,954	1,508,185	1,550,936	41,337,919	41,615,008
10 Pacific.....	353,577	271,030	5,538,428	4,881,093	401,225	602,883	2,834,458	5,221,732	681,256	583,068	18,008,778	14,203,561
NEW ENGLAND:												
11 Maine.....	27,346	45,877	386,897	621,354	31,901	61,794	229,739	411,104	22,482	45,101	899,815	1,221,022
12 New Hampshire.....	17,932	29,574	266,545	462,468	18,603	40,434	123,908	305,895	13,843	28,646	560,978	843,827
13 Vermont.....	45,921	68,664	626,515	889,081	67,573	101,584	326,718	566,130	23,725	39,783	761,193	859,802
14 Massachusetts.....	24,587	34,452	420,164	587,080	25,571	43,621	167,200	357,542	10,222	13,363	432,630	377,251
15 Rhode Island.....	2,939	3,815	51,315	73,276	3,773	5,338	23,441	45,537	1,583	1,842	78,555	71,844
16 Connecticut.....	20,767	26,476	344,484	461,570	20,601	37,300	134,308	293,317	13,924	18,854	699,850	716,930
MIDDLE ATLANTIC:												
17 New York.....	234,728	335,844	4,186,454	5,151,703	438,329	507,140	2,785,121	3,144,954	101,891	153,331	3,240,553	3,350,757
18 New Jersey.....	17,625	23,609	334,080	470,484	27,934	39,685	217,613	349,937	8,126	11,306	276,602	303,275
19 Pennsylvania.....	167,693	224,623	2,548,604	3,705,397	235,656	421,323	1,673,291	3,032,067	150,310	238,321	4,616,964	5,962,905
EAST NORTH CENTRAL:												
20 Ohio.....	235,392	217,571	3,784,857	3,959,411	255,682	494,584	1,919,714	4,186,575	299,147	435,879	8,064,298	11,341,806
21 Indiana.....	180,545	183,193	3,119,838	3,660,138	184,153	428,109	1,525,445	4,197,697	231,018	410,281	6,846,638	12,044,081
22 Illinois.....	306,969	332,472	5,346,736	6,735,360	324,979	723,322	2,476,015	7,195,897	477,349	811,621	16,005,670	26,722,047
23 Michigan.....	205,000	161,174	3,034,174	2,685,813	236,050	375,482	1,544,581	2,490,467	182,889	229,642	4,029,648	4,509,278
24 Wisconsin.....	351,124	285,319	4,897,597	4,526,586	449,489	623,343	2,677,251	4,107,904	232,804	337,952	5,055,204	6,841,633
WEST NORTH CENTRAL:												
25 Minnesota.....	323,948	211,162	3,842,647	3,299,865	373,537	565,994	1,952,261	4,254,414	345,614	271,972	6,618,632	5,491,658
26 Iowa.....	564,219	592,076	8,714,358	12,242,609	569,003	1,290,279	3,836,951	14,413,585	1,233,062	1,600,596	39,945,438	55,198,471
27 Missouri.....	306,951	312,749	5,198,647	6,040,589	296,475	633,317	2,508,087	6,943,267	794,945	942,939	25,864,100	29,906,040
28 North Dakota.....	104,203	69,338	1,550,721	1,379,518	130,683	156,420	875,807	1,540,116	130,193	198,027	3,289,498	5,387,354
29 South Dakota.....	194,580	167,607	2,845,771	3,347,421	205,507	343,141	1,352,522	3,782,871	410,255	495,133	11,014,703	14,324,949
30 Nebraska.....	303,661	345,275	5,536,493	7,413,817	364,958	754,500	2,439,504	8,757,661	880,459	880,899	26,357,920	28,553,180
31 Kansas.....	336,417	447,295	5,090,525	9,112,935	382,248	923,462	2,640,408	10,630,929	1,048,673	1,583,940	33,110,415	50,839,787
SOUTH ATLANTIC:												
32 Delaware.....	5,260	5,173	85,928	91,933	7,153	9,363	72,031	83,940	3,368	4,987	96,152	124,513
33 Maryland.....	27,226	28,930	407,692	495,742	39,064	55,465	335,659	453,971	35,786	51,477	1,132,304	1,345,190
34 District of Columbia.....	50	76	1,742	1,357	52	69	1,366	605	23	28	3,662	1,160
35 Virginia.....	94,709	71,952	1,232,807	1,029,057	83,926	162,053	633,193	1,273,728	233,894	268,896	7,075,166	7,085,640
36 West Virginia.....	75,503	60,268	1,123,158	990,655	59,518	134,107	422,136	1,102,228	181,988	202,936	5,207,867	5,374,963
37 North Carolina.....	88,187	68,732	775,949	561,321	89,066	142,686	398,094	549,844	107,646	118,840	2,074,684	1,454,347
38 South Carolina.....	51,928	33,879	454,482	291,705	48,291	87,734	225,657	361,454	42,461	52,366	721,644	611,099
39 Georgia.....	126,554	93,585	893,207	680,407	133,886	211,579	661,368	770,968	140,928	154,251	1,529,790	1,248,017
40 Florida.....	76,480	70,445	651,425	458,458	94,253	138,393	554,400	586,919	121,907	177,881	1,394,869	1,565,201
EAST SOUTH CENTRAL:												
41 Kentucky.....	125,791	104,861	1,833,379	1,880,432	102,493	250,502	812,882	2,480,227	261,587	312,115	7,289,713	8,749,627
42 Tennessee.....	132,649	94,224	1,536,217	1,243,158	114,187	236,000	698,481	1,606,949	231,542	210,723	4,329,771	3,451,943
43 Alabama.....	131,179	83,027	873,968	703,459	115,487	213,397	454,175	826,805	141,092	147,487	1,806,707	1,753,241
44 Mississippi.....	143,196	89,985	1,095,043	899,800	150,689	238,001	689,352	1,157,630	148,507	159,823	2,027,629	2,238,697
WEST SOUTH CENTRAL:												
45 Arkansas.....	137,849	103,555	1,211,494	1,064,074	169,240	254,473	822,170	1,418,961	146,128	144,373	1,787,440	1,768,028
46 Louisiana.....	102,995	66,076	877,642	630,250	120,461	169,825	622,073	817,872	103,433	124,810	1,330,514	1,607,317
47 Oklahoma.....	202,337	224,763	2,650,755	3,661,837	261,194	536,220	1,690,424	5,302,544	619,676	719,896	15,236,066	33,811,561
48 Texas.....	716,943	954,835	8,828,095	13,473,384	722,302	2,148,261	5,048,951	19,528,804	1,666,626	2,094,197	37,741,205	43,569,763
MOUNTAIN:												
49 Montana.....	100,784	97,899	1,965,734	2,002,199	82,626	187,533	793,113	2,229,419	260,760	326,406	8,401,168	9,972,841
50 Idaho.....	53,727	40,398	851,588	762,889	49,289	86,398	373,546	883,908	85,379	84,203	2,210,866	2,180,182
51 Wyoming.....	83,896	67,888	1,658,749	1,549,469	45,987	126,770	472,620	1,788,934	254,530	229,495	8,567,389	7,402,798
52 Colorado.....	114,815	151,627	2,054,943	3,156,838	86,201	269,154	710,698	3,130,465	355,242	429,382	10,643,645	11,639,675
53 New Mexico.....	121,018	114,045	1,682,450	1,766,334	49,381	188,762	387,193	1,989,648	191,387	169,412	4,068,904	3,857,877
54 Arizona.....	93,113	73,437	1,287,024	961,818	57,887	135,181	406,341	1,133,178	178,129	158,333	3,357,651	2,792,813
55 Utah.....	50,126	40,461	685,560	681,640	33,042	78,940	235,357	729,551	61,135	61,535	1,263,869	1,352,033
56 Nevada.....	53,441	44,967	789,125	792,272	28,434	81,061	215,110	851,851	121,683	92,170	2,824,427	2,416,789
PACIFIC:												
57 Washington.....	51,995	44,113	844,480	805,325	57,188	105,130	421,618	889,058	44,831	80,053	1,286,846	1,946,063
58 Oregon.....	83,102	78,628	1,245,353	1,380,105	76,238	168,323	529,317	1,536,473	150,713	147,805	3,891,200	3,595,879
59 California.....	218,480	148,289	3,448,595	2,696,263	267,799	329,430	1,883,523	2,796,201	485,712	355,210	12,839,672	8,660,719

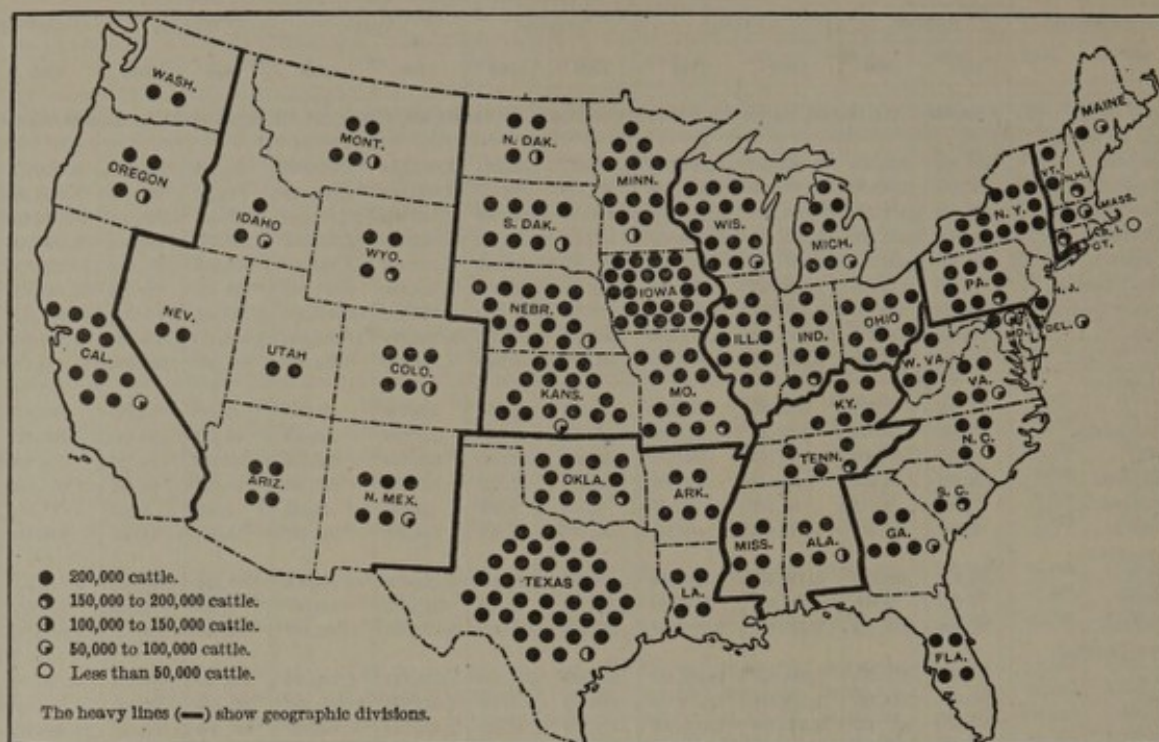
\* Includes Indian Territory.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

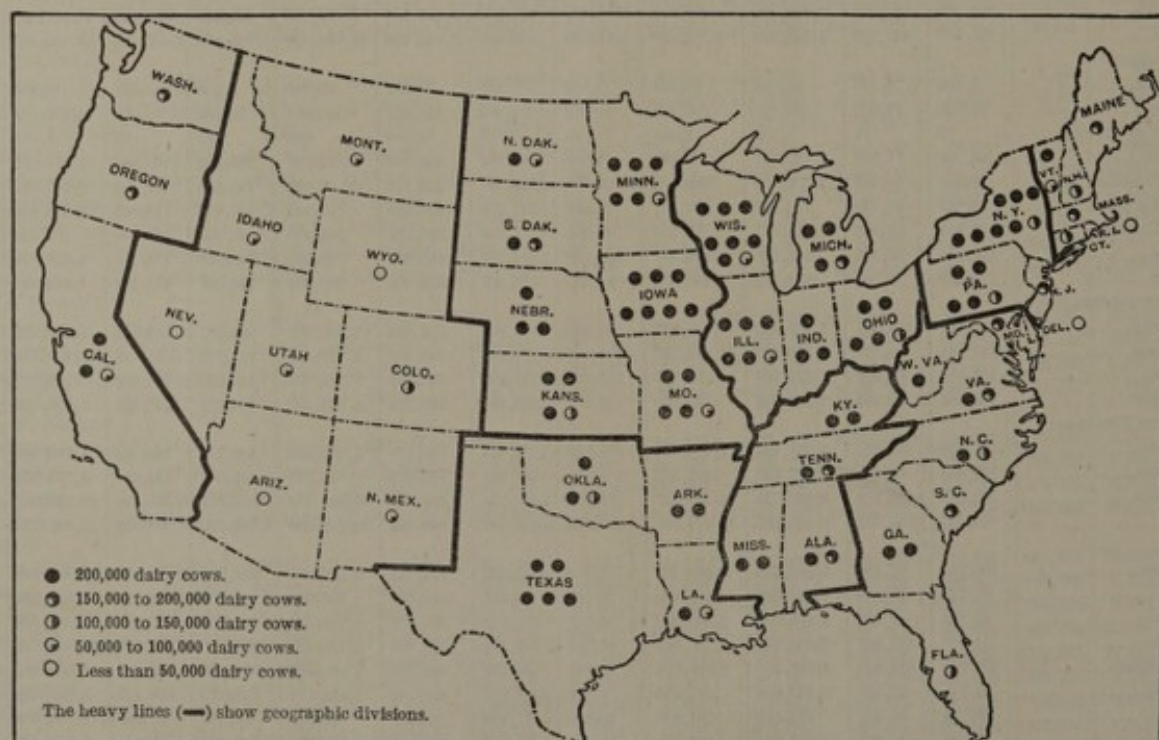
## ALL CATTLE ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



## DAIRY COWS ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.





## HORSES, MULES, AND ASSES AND BURROS ON FARMS.

United States as a whole.—The draft animals on farms in the United States consist mainly of horses and mules, comparatively few oxen being used. The age classification of horses and mules used in 1910 differed from that employed in 1900 in the same way as in the case of cattle, and the change in the date of enumeration also affects the returns. The data are,

however, somewhat more nearly comparable than those for cattle, because a much larger proportion of horses and mules are of mature age.

The following statement shows the definitions of the classes at each census and the number reported for the United States as a whole in each class, and also the totals for asses and burros:

1910 (APRIL 15).			1900 (JUNE 1).			NOMINAL INCREASE. <sup>1</sup>	
Class as defined in schedule.	Corresponding age limits.	Number.	Class as defined in schedule.	Corresponding limits of date of birth.	Number.	Number.	Per cent.
Horses, mules, and asses and burros.		24,148,580	Horses, mules, and asses and burros.		21,625,800	2,522,780	11.7
All horses.		19,833,113	All horses.		18,267,020	1,566,093	8.6
Born before Jan. 1, 1909.	Over 15½ months.	17,430,418	Horses 2 years old and over.	Before June 1, 1898.	15,505,966	1,924,452	12.4
Colts born in 1909.	3½ to 15½ months.	1,731,982	Horses 1 and under 2 years.	June 1, 1898, to June 1, 1899.	1,446,225	285,757	19.8
Colts born after Jan. 1, 1910.	Under 3½ months.	612,775	Colts under 1 year.	After June 1, 1899.	1,314,829	-702,054	-53.4
All mules.		4,209,769	All mules.		3,264,615	945,154	29.0
Born before Jan. 1, 1909.	Over 15½ months.	3,787,316	Mules 2 years old and over.	Before June 1, 1898.	2,753,486	1,033,830	37.5
Colts born in 1909.	3½ to 15½ months.	313,196	Mules 1 and under 2 years.	June 1, 1898, to June 1, 1899.	279,501	33,695	12.1
Colts born after Jan. 1, 1910.	Under 3½ months.	109,257	Colts under 1 year.	After June 1, 1899.	231,628	-122,371	-52.8
Asses and burros (all ages).		105,698	Asses and burros (all ages).		94,165	11,533	12.2

<sup>1</sup> A minus sign (—) denotes decrease.

The total number of horses reported as on farms on April 15, 1910, was 19,833,000, as compared with 18,267,000 on June 1, 1900, an increase of 1,566,000, or 8.6 per cent. The numbers of mules at the same dates were 4,210,000 and 3,265,000, respectively, showing an increase of 945,000, or 29 per cent. Had the enumeration of 1910 been made as of June 1, however, the increase in both classes would have been somewhat greater on account of the addition of colts born between April 15 and June 1. The number of horse colts under 1 year of age reported on June 1, 1900, was 1,315,000. Assuming that the rate of increase during the decade in the number of young colts was about the same as the rate for yearlings (about 20 per cent, which, it should be noted, is a greater relative increase than that in older horses) there would have been on June 1, 1910, nearly 1,600,000 horse colts under 1 year of age. Of these, however, a comparatively small number would have been born between June 1, 1909, and January 1, 1910, and would already be included in the returns for the class of "colts born in 1909." After deducting these there would have remained on June 1, 1910, perhaps between twelve and fourteen hundred thousand colts born after January 1, 1910, or from six to eight hundred thousand more than were reported on April 15, 1910 (613,000). Since a certain number of older horses living on April 15, 1910, would have died before June 1, the addition to the total number of horses of all ages which would have resulted from an enumeration on June 1 would have been perhaps 200,000 less than this addition to the number of colts. Similar calculations in the case of mules indicate the probability that had the enumeration of

1910 been taken as of June 1, there would have been in the neighborhood of 100,000 more mules than were reported for April 15.

With respect to animals of the oldest age group, which may be roughly designated as "mature horses" and "mature mules," the fact that the minimum age limit for the group in 1910 (15½ months) was lower than in 1900 (2 years) results in throwing some animals into this group at the later census which would have been classed as "yearlings" in 1900. Even after deducting these, however, and allowing for animals dying between April 15 and June 1, the increase in mature animals during the decade would doubtless be nearly as great as indicated by the figures of the above table. The actual increase would probably be in the neighborhood of 10 or 11 per cent for mature horses and at least 30 per cent for mature mules.

There should be fairly close comparability with respect to the older group of colts, which may for convenience be roughly designated by the term "yearlings." The returns for this group at each census represent animals born during a period of 12 months. A considerable increase occurred during the decade in this group in the case of both horses and mules.

The number of horses reported in 1910 was about four and three-fourths times as great as the number of mules, whereas in 1900 there were about five and one-half times as many horses as mules.

Table 16 shows statistics with regard to the value of horses, mules, and asses and burros in the United States as a whole, and the number and percentage of farms reporting these animals.



Table 16

	All horses, mules, and asses and burros.	Horses.	Mules.	Asses and burros.
1910—Number	24,148,580	19,833,113	4,209,769	105,698
Value	\$2,622,180,170	\$2,083,588,195	\$525,391,863	\$13,200,112
Average value	\$108.59	\$105.06	\$124.80	\$124.89
Farms reporting	4,692,814	1,869,005	43,927	0.7
Per cent of all farms	73.8	29.4	0.6	
1900—Number	21,625,800	18,267,020	3,264,615	94,165
Value	\$1,098,546,454	\$896,513,217	\$196,222,033	\$5,811,184
Average value	\$50.80	\$49.08	\$60.11	\$61.71
Farms reporting	4,530,628	1,480,652	33,584	0.6
Per cent of all farms	79.0	25.8	0.6	

This table shows a remarkable increase in the total value, which in turn is due primarily to the great increase in value per head. The combined value of horses, mules, and asses and burros in 1910 was 138.6 per cent greater than the value in 1900.

**Divisions and states.**—Table 21 (pages 322 and 323) shows, for each geographic division and state, the number and value of horses, mules, and asses and burros on farms, by classes. Table 17 shows certain percentages and averages, by divisions and sections.

Table 17

Table 17	PER CENT OF TOTAL NUMBER IN THE UNITED STATES.																				AVERAGE NUMBER OF HORSES, MULES, AND ASSES AND BURROS.																							
	DIVISION OR SECTION																				All horses, mules, and asses and burros.		All horses.		Mature horses. <sup>1</sup>		Yearling horses. <sup>1</sup>		Horse colts. <sup>1</sup>		All mules.		Mature mules. <sup>1</sup>		Yearling mules. <sup>1</sup>		Mule colts. <sup>1</sup>		All asses and burros.		Per 1,000 acres of all land in farms.		Per 1,000 acres of improved land.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900																
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	27	26	50	52														
New England.....	1.5	1.8	1.8	2.1	2.0	2.4	0.6	0.9	0.2	0.6	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	0.1	0.1	0.2	18	19	49	48	18	19	49	48															
Middle Atlantic.....	5.3	6.3	6.2	7.2	6.7	7.7	3.4	4.8	1.8	3.8	1.2	1.4	1.3	1.5	0.5	1.5	0.2	0.6	0.6	1.0	30	30	44	44	30	30	44	44																
East North Central.....	19.3	20.1	22.2	22.6	22.5	22.7	21.5	22.0	18.6	21.3	6.2	6.6	5.8	6.2	9.8	8.0	10.0	10.1	5.1	4.6	40	37	52	50	40	37	52	50																
West North Central.....	31.2	28.8	34.3	31.0	33.8	30.6	38.4	33.5	37.1	33.7	17.0	16.4	14.9	13.8	36.4	29.0	34.3	32.4	21.1	16.5	32	31	46	46	32	31	46	46																
South Atlantic.....	7.7	7.5	5.6	5.9	5.8	6.2	4.4	4.2	4.6	4.3	17.8	17.0	19.4	19.1	3.3	7.4	2.5	4.0	3.2	2.4	18	16	38	35	18	16	38	35																
East South Central.....	9.0	9.5	5.8	6.5	5.8	6.7	5.4	4.9	6.9	5.8	23.8	26.1	24.4	26.3	18.7	25.0	18.5	24.9	14.9	18.8	27	25	49	50	27	25	49	50																
West South Central.....	15.2	14.8	11.8	12.3	11.8	12.2	11.1	11.8	15.1	13.1	30.6	28.8	31.0	29.6	26.2	25.1	29.3	23.4	28.2	23.7	22	18	63	80	22	18	63	80																
Mountain.....	6.2	6.4	7.2	7.3	6.7	6.4	9.6	12.2	8.5	11.9	1.2	0.8	1.0	0.7	2.4	1.3	1.7	1.7	23.7	29.8	25	30	94	164	25	30	94	164																
Pacific.....	4.6	4.9	5.1	5.2	5.0	5.2	5.7	5.7	7.2	5.4	2.2	2.9	2.1	2.9	2.7	2.8	3.5	2.8	3.1	2.9	22	22	51	56	22	22	51	56																
The North.....	57.3	56.9	64.4	62.9	64.9	63.4	63.8	61.2	57.7	59.5	24.5	24.5	22.0	21.5	46.7	38.5	44.5	43.1	27.0	22.3	33	32	48	47	33	32	48	47																
The South.....	31.9	31.8	23.2	24.6	23.4	25.1	20.9	20.9	26.6	23.2	72.2	71.8	74.8	74.9	48.2	57.4	50.3	52.3	46.2	45.0	22	19	51	55	22	19	51	55																
The West.....	10.8	11.2	12.3	12.5	11.7	11.6	15.3	17.9	15.7	17.3	3.3	3.7	3.2	3.6	5.1	4.1	5.2	4.6	26.8	32.7	24	26	69	90	24	26	69	90																
East of the Mississippi River.....	42.8	45.2	41.6	44.2	42.7	45.6	35.2	36.8	32.0	35.8	49.1	51.1	51.0	53.0	32.3	41.8	31.2	39.7	24.0	27.0	28	27	47	46	28	27	47	46																
West of the Mississippi River.....	57.2	54.8	58.4	55.8	57.3	54.4	64.8	63.2	68.0	64.2	50.9	48.9	49.0	47.0	67.7	58.2	68.8	60.3	76.0	73.0	27	25	53	59	27	25	53	59																

<sup>1</sup> For definition of these terms at the two censuses, see page 319.

<sup>2</sup> Less than one-tenth of 1 per cent.

Of the total number of horses, mules, and asses and burros, considered together, in 1910, 31.2 per cent were reported from the West North Central division, 19.3 per cent from the East North Central, and 15.2 per cent from the West South Central, these three divisions together containing about two-thirds of the entire number. The North reported 57.3 per cent of the total, the South 31.9 per cent, and the West 10.8 per cent.

The geographic distribution of horses is quite different from that of mules. Although the use of mules is rapidly increasing in the North, it is in the South that they have been found particularly useful. In the North there were more than twelve times as many horses as mules in 1910, but in the South only about one and one-half times as many.

There is a wide difference among the several geographic divisions in the extent to which the breeding of horses and mules is carried on, as is shown by the differences between the distribution of "mature" animals and that of "yearlings" and "colts," and still more clearly by a comparison of the ratios which the numbers of "colts" or "yearlings" reported from the several divisions bear to the numbers of mature animals reported from the same divisions. At the census of 1910, the number of yearling horses (that is, those born during the year 1909) was equal in New England to only 2.9 per cent of the number of mature horses and in the Middle Atlantic division to only 5 per cent,

whereas in the West North Central division the ratio was 11.3 per cent, in the Pacific division 11.4 per cent, and in the Mountain division 14.2 per cent.

The average number of horses, mules, and asses and burros combined, in 1910, to each 1,000 acres of land in farms in the country as a whole was 27, and the average number to each 1,000 acres of improved land was 50. The East North Central division shows the largest number (40) per 1,000 acres of all land in farms, and the New England and South Atlantic divisions stand lowest, with 18 in each case. The number per 1,000 acres of improved land ranged from 94 in the Mountain division to 38 in the South Atlantic.

Table 18 shows, by divisions and sections, the increase or decrease from 1900 to 1910 in the number of horses, mules, and asses and burros. Separate data for colts are not given as they have little significance, but the totals include colts.

In the number of horses, mules, and asses and burros combined an increase took place between June 1, 1900, and April 15, 1910, in all the geographic divisions except the New England and Middle Atlantic divisions. Much the greatest increase, both absolute and relative, was in the West North Central division, but there was also a very conspicuous increase (mainly in mules) in the West South Central division. The number of mules increased in every geographic division except the Pacific.



Table 18

INCREASE IN NUMBER, JUNE 1, 1900, TO APRIL 15, 1910.<sup>1</sup>

DIVISION OR SECTION.	All horses, mules, and asses and burros.		Horses.								Mules.								All asses and burros.	
			All horses.		Mature horses. <sup>2</sup>		Yearlings. <sup>2</sup>				All mules.		Mature mules. <sup>2</sup>		Yearlings. <sup>2</sup>					
	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.		
<b>United States.....</b>	<b>2,522,780</b>	<b>11.7</b>	<b>1,566,093</b>	<b>8.6</b>	<b>1,924,452</b>	<b>12.4</b>	<b>285,757</b>	<b>19.8</b>	<b>945,154</b>	<b>29.0</b>	<b>1,033,830</b>	<b>37.5</b>	<b>33,695</b>	<b>12.1</b>	<b>11,533</b>	<b>12.2</b>				
New England.....	30,640	7.9	30,941	8.0	21,219	5.8	3,329	25.0	334	23.9	590	55.0	50	48.5	33	18.3				
Middle Atlantic.....	77,873	5.7	83,737	6.4	33,218	2.8	11,400	16.4	6,156	13.3	9,974	24.5	2,579	62.8	272	28.4				
East North Central.....	323,989	7.5	278,988	6.8	392,044	11.1	53,823	16.9	43,885	20.4	47,999	28.3	8,288	36.9	1,116	25.9				
West North Central.....	1,309,873	21.0	1,122,384	19.8	1,152,761	24.3	181,220	37.4	180,815	33.8	185,153	48.8	33,123	40.9	6,674	42.8				
South Atlantic.....	235,317	14.4	40,117	3.7	52,890	5.5	15,530	25.5	194,128	35.0	211,055	40.2	10,370	50.5	1,072	46.6				
East South Central.....	109,741	5.3	41,440	3.5	29,720	2.9	22,291	31.7	153,153	18.0	201,652	27.9	11,059	15.9	1,972	11.1				
West South Central.....	465,302	14.5	110,305	4.9	162,394	8.6	21,106	12.4	347,591	37.0	357,665	43.9	12,055	17.2	7,406	33.1				
Mountain.....	121,530	8.8	102,481	7.7	173,798	17.5	10,204	5.8	22,128	82.5	20,625	10.8	3,724	10.0	3,079	11.0				
Pacific.....	65,541	6.2	67,956	7.1	74,722	9.4	16,720	20.2	3,036	3.2	883	1.1	563	7.2	621	23.1				
The North.....	1,525,349	12.4	1,286,674	11.2	1,490,368	15.2	220,314	24.9	231,190	29.0	243,716	41.3	38,782	36.0	7,485	35.6				
The South.....	810,360	11.8	108,982	2.4	185,564	4.8	58,927	19.5	694,872	29.6	770,372	37.3	9,374	5.8	6,506	15.4				
The West.....	187,071	7.7	170,437	7.5	248,520	13.9	6,516	2.5	19,092	15.7	19,742	19.8	4,287	37.2	2,458	8.0				
East of the Mississippi River.....	500,534	5.7	162,967	2.0	360,777	5.1	76,915	14.5	397,656	23.8	471,270	32.3	15,770	13.5	89	0.3				
West of the Mississippi River.....	1,962,246	16.6	1,403,126	13.8	1,563,675	18.5	208,842	22.8	547,498	34.3	562,560	43.5	49,465	30.4	11,622	16.9				

<sup>1</sup> A minus sign (-) denotes decrease.<sup>2</sup> For definition of these classes at the two censuses, see page 319.

The following table shows the average value per head of the various classes in 1910 and 1900. In comparing the averages for the two censuses the differences in classification should be kept in mind.

Table 19

AVERAGE VALUE PER HEAD.

DIVISION.	Horses. <sup>1</sup>								All asses and burros.
	All horses.	Mature horses.	Yearlings.	Colts.	All mules.	Mature mules.	Yearlings.	Colts.	
United States:									
1910.....	\$105.06	\$112.36	\$58.82	\$33.68	\$124.80	\$131.49	\$73.04	\$41.51	\$124.89
1900.....	49.08	53.03	33.40	19.70	60.11	64.74	42.06	26.78	61.71
New England:									
1910.....	124.19	126.00	60.01	49.35	163.64	167.01	87.20	43.46	87.23
1900.....	69.59	70.84	55.76	32.42	67.17	75.47	54.22	32.61	33.04
Middle Atlantic:									
1910.....	130.21	133.93	72.69	43.92	146.83	149.02	85.45	41.43	126.97
1900.....	73.48	76.23	56.38	31.96	75.46	78.43	58.49	39.12	34.61
E. North Central:									
1910.....	111.17	117.71	65.68	34.57	121.05	131.66	75.11	38.93	176.09
1900.....	55.97	59.71	42.66	24.08	57.91	63.56	44.43	29.69	85.84
W. North Central:									
1910.....	110.91	119.56	61.13	33.24	126.47	141.61	79.20	42.48	221.90
1900.....	50.30	54.67	34.54	20.84	56.17	64.71	42.14	28.15	118.83
South Atlantic:									
1910.....	109.22	114.89	62.18	34.29	143.87	145.26	71.98	38.44	140.59
1900.....	55.93	58.83	40.74	23.42	68.52	69.89	50.87	29.93	93.97
E. South Central:									
1910.....	108.16	108.57	68.94	48.59	124.63	129.35	76.78	47.94	149.22
1900.....	53.13	55.32	45.71	30.15	64.12	68.64	46.09	29.13	85.54
W. South Central:									
1910.....	77.74	82.96	45.14	31.15	112.99	118.60	62.11	38.15	105.56
1900.....	30.43	33.07	19.09	12.69	54.81	58.74	34.82	21.56	61.95
Mountain:									
1910.....	78.91	88.27	40.58	25.07	106.78	118.70	60.85	34.04	26.39
1900.....	23.43	27.33	14.90	8.31	37.33	42.84	29.23	18.74	8.19
Pacific:									
1910.....	99.85	108.73	53.47	31.51	130.38	140.93	71.95	39.18	175.22
1900.....	36.77	40.40	21.14	13.20	53.39	57.61	37.28	20.76	76.37

<sup>1</sup> For definition of the subclasses at the two censuses, see page 319.

Table 20

HORSES, MULES, AND ASSES AND BURROS (EXCLUDING HORSE AND MULE COLTS).

HORSES (EXCLUDING COLTS).

MULES AND ASSES AND BURROS (EXCLUDING MULE COLTS).

DIVISION.	1910				1900				1890				1880			
	1910	1900	1890	1880	1910	1900	1890	1880	1910	1900	1890	1880	1910	1900	1890	1880
United States.....	23,426,548	20,079,343	17,581,318	12,170,296	19,220,338	16,952,191	15,266,244	10,357,488	4,206,210	3,127,152	2,315,074	1,812,808				
New England.....	335,667	379,708	370,106	325,562	333,804	378,352	368,849	324,066	1,863	1,356	1,257	1,496				
Middle Atlantic.....	1,271,362	1,308,857	1,412,441	1,208,138	1,218,425	1,263,043	1,370,015	1,230,885	52,937	45,814	42,426	37,253				
East North Central.....	4,541,623	4,038,353	4,108,809	3,278,968	4,287,697	3,841,830	3,912,858	3,072,210	253,926	196,523	195,951	206,758				
West North Central.....	7,267,431	5,704,263	5,122,717	2,747,862	6,566,754	5,228,536	4,661,006	2,394,821	700,677	475,727	461,711	333,041				
South Atlantic.....	1,832,861	1,562,684	1,298,151	1,148,183	1,082,963	1,014,543	880,758	801,239	749,898	548,141	417,393	346,944				
East South Central.....	2,101,765	1,920,573	1,636,298	1,405,536	1,102,457	1,109,886	989,455	865,026	999,308	810,687	646,843	540,510				
West South Central.....	3,540,490	2,972,960	1,921,647	1,352,570	2,256,357	2,065,983	1,472,506	1,056,367	1,284,103	906,977	449,141	296,203				
Mountain.....	1,447,067	1,219,247	1,848,385	224,039	1,374,904	1,168,354	1,809,671	205,209	72,163	50,893	38,714	18,830				
Pacific.....	1,068,312	972,698	1,862,764	439,438	976,977	881,664	1,801,126	407,665	91,335	91,034	61,638	31,773				

<sup>1</sup> Includes estimated number of horses on public ranges.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## HORSES, MULES, AND ASSES AND BURROS ON FARMS—NUMBER AND VALUE OF HORSES AND

[See text with reference to date of enumeration and change in classification.]

Table 21	DIVISION OR STATE.	ALL HORSES, MULES, AND ASSES AND BURROS.				ALL HORSES.			
		Number.		Value.		Number.		Value.	
		1910	1900	1910	1900	1910	1900	1910	1900
1	United States.....	24,148,580	21,625,800	\$2,622,180,170	\$1,098,546,454	<sup>1</sup> 19,833,113	18,267,020	<sup>2</sup> \$2,063,568,195	<sup>2</sup> \$896,513,217
GEOGRAPHIC DIVISIONS:									
2	New England.....	356,631	387,271	44,353,827	26,939,945	354,755	385,696	44,058,076	26,840,293
3	Middle Atlantic.....	1,282,787	1,360,660	167,894,587	100,033,054	1,229,686	1,313,443	160,111,303	96,509,032
4	East North Central.....	4,666,291	4,342,302	521,653,254	243,575,108	4,401,442	4,122,454	489,290,485	230,724,365
5	West North Central.....	7,532,378	6,222,505	848,994,801	317,214,620	<sup>1</sup> 6,794,192	5,671,808	<sup>1</sup> 753,512,291	285,306,326
6	South Atlantic.....	1,863,817	1,628,500	229,632,663	98,157,231	1,111,187	1,071,270	121,359,125	59,905,516
7	East South Central.....	2,164,134	2,054,393	245,527,291	119,072,930	1,144,599	1,186,039	118,071,299	63,019,031
8	West South Central.....	3,665,167	3,199,865	331,109,901	120,965,693	<sup>1</sup> 2,349,029	2,238,724	<sup>1</sup> 182,618,200	68,125,207
9	Mountain.....	1,501,023	1,379,493	118,493,632	32,268,440	<sup>1</sup> 1,427,037	1,324,576	<sup>1</sup> 112,606,228	31,036,960
10	Pacific.....	1,116,352	1,050,811	114,520,214	40,319,431	<sup>1</sup> 1,021,166	953,210	<sup>1</sup> 101,961,188	35,046,487
NEW ENGLAND:									
11	Maine.....	107,954	106,700	14,440,930	7,079,288	107,574	106,299	14,364,756	7,058,989
12	New Hampshire.....	46,454	54,990	5,297,663	3,848,307	46,229	54,866	5,266,389	3,840,670
13	Vermont.....	81,232	85,887	8,646,935	5,342,359	80,781	85,531	8,591,357	5,319,597
14	Massachusetts.....	64,572	75,383	8,717,159	5,848,851	64,283	75,034	8,671,997	5,826,457
15	Rhode Island.....	9,621	11,433	1,435,962	983,993	9,547	11,390	1,424,177	980,948
16	Connecticut.....	46,798	52,878	5,815,178	3,837,147	46,341	52,576	5,739,400	3,813,632
MIDDLE ATLANTIC:									
17	New York.....	595,344	632,089	80,732,061	48,215,212	591,008	628,438	80,043,302	47,977,931
18	New Jersey.....	93,016	98,955	12,639,560	7,938,766	88,922	94,024	12,012,512	7,582,274
19	Pennsylvania.....	594,427	629,616	74,522,966	43,879,076	549,756	590,981	68,055,489	40,948,827
EAST NORTH CENTRAL:									
20	Ohio.....	933,562	895,226	101,748,029	51,119,437	910,224	878,205	98,910,638	50,159,245
21	Indiana.....	897,458	819,440	97,087,099	44,475,215	813,644	751,715	87,118,468	40,641,988
22	Illinois.....	1,603,583	1,477,392	182,071,929	77,341,758	1,452,887	1,350,219	163,363,400	69,098,100
23	Michigan.....	613,966	589,570	71,830,231	36,070,225	610,033	586,559	71,312,474	35,908,557
24	Wisconsin.....	617,722	560,674	68,915,366	34,568,473	614,654	555,756	68,585,505	34,316,475
WEST NORTH CENTRAL:									
25	Minnesota.....	759,178	704,969	89,824,452	42,753,099	753,184	696,469	89,068,872	42,255,044
26	Iowa.....	1,549,364	1,450,152	185,831,154	81,458,106	1,492,226	1,392,573	177,999,124	77,720,577
27	Missouri.....	1,428,364	1,259,333	160,469,138	58,688,989	1,073,387	967,037	113,976,563	42,094,814
28	North Dakota.....	658,427	366,924	84,633,655	23,218,108	650,599	359,948	83,461,739	22,728,511
29	South Dakota.....	682,119	487,767	75,183,223	20,450,317	<sup>1</sup> 669,362	480,768	<sup>1</sup> 73,442,978	20,085,687
30	Nebraska.....	1,063,901	851,174	113,626,618	39,961,575	<sup>1</sup> 1,008,378	795,318	<sup>1</sup> 102,804,907	36,663,359
31	Kansas.....	1,360,425	1,102,186	139,426,561	50,694,426	1,147,056	979,695	112,758,108	43,758,334
SOUTH ATLANTIC:									
32	Delaware.....	39,018	34,482	4,219,899	2,113,871	33,065	29,722	3,451,791	1,767,625
33	Maryland.....	178,206	166,574	19,866,498	10,754,026	155,438	148,994	16,787,467	9,352,694
34	District of Columbia.....	617	935	60,886	63,412	564	854	55,026	57,362
35	Virginia.....	391,229	346,408	42,574,780	18,320,400	330,424	298,522	34,857,610	15,326,404
36	West Virginia.....	191,868	196,658	19,048,697	11,116,918	179,991	185,188	18,583,381	10,376,550
37	North Carolina.....	341,879	295,588	42,260,375	17,542,369	166,151	159,153	18,428,134	8,795,611
38	South Carolina.....	235,719	196,035	34,040,450	13,284,779	79,847	78,419	10,147,178	4,840,903
39	Georgia.....	416,180	335,247	58,249,853	21,592,900	120,067	127,407	14,193,839	7,092,228
40	Florida.....	69,101	56,573	8,411,225	3,368,536	45,640	42,811	4,854,099	2,290,139
EAST SOUTH CENTRAL:									
41	Kentucky.....	672,754	647,621	72,046,486	36,113,305	443,034	451,697	44,796,120	24,548,542
42	Tennessee.....	633,553	614,897	75,495,920	36,585,769	349,709	352,388	39,320,044	19,681,517
43	Alabama.....	384,054	346,532	45,372,248	21,145,589	135,636	152,643	13,651,284	7,906,121
44	Mississippi.....	473,773	445,343	52,612,637	25,228,267	216,220	229,311	20,303,851	10,882,851
WEST SOUTH CENTRAL:									
45	Arkansas.....	480,014	431,070	50,749,974	20,376,384	254,716	253,590	23,152,209	10,164,495
46	Louisiana.....	313,371	339,025	27,484,883	17,313,284	181,286	194,372	11,789,695	6,624,617
47	Oklahoma.....	1,005,748	<sup>2</sup> 636,648	93,151,190	<sup>2</sup> 22,788,578	<sup>1</sup> 742,939	<sup>2</sup> 521,330	<sup>1</sup> 63,631,661	<sup>1</sup> 16,839,012
48	Texas.....	1,866,034	1,793,122	159,723,854	60,487,449	<sup>1</sup> 1,170,068	1,209,432	<sup>1</sup> 84,024,635	34,497,083
MOUNTAIN:									
49	Montana.....	320,290	332,829	27,616,223	7,907,421	<sup>1</sup> 315,956	329,972	<sup>1</sup> 27,115,764	7,788,672
50	Idaho.....	202,155	172,275	20,413,716	4,204,618	<sup>1</sup> 197,772	170,120	<sup>1</sup> 19,832,423	4,123,343
51	Wyoming.....	158,348	137,184	12,703,100	3,286,842	<sup>1</sup> 156,062	135,543	12,426,838	3,225,196
52	Colorado.....	312,007	248,843	29,318,193	7,686,283	<sup>1</sup> 294,035	226,546	<sup>1</sup> 27,382,926	7,308,726
53	New Mexico.....	206,314	152,366	9,494,358	2,468,129	<sup>1</sup> 179,525	131,153	<sup>1</sup> 7,868,314	2,220,469
54	Arizona.....	110,645	133,765	4,682,267	1,857,606	<sup>1</sup> 99,578	125,063	<sup>1</sup> 4,209,726	1,701,905
55	Utah.....	119,113	118,888	10,225,578	3,470,718	<sup>1</sup> 115,676	115,884	<sup>1</sup> 9,999,835	3,396,313
56	Nevada.....	72,151	83,343	4,040,197	1,389,823	<sup>1</sup> 68,453	80,295	<sup>1</sup> 3,770,402	1,272,336
PACIFIC:									
57	Washington.....	292,930	246,835	31,539,551	8,705,100	<sup>1</sup> 280,572	243,985	<sup>1</sup> 29,680,849	8,550,434
58	Oregon.....	282,183	295,683	26,517,708	9,011,732	<sup>1</sup> 271,708	287,932	<sup>1</sup> 25,181,143	8,651,060
59	California.....	541,239	508,293	56,462,955	22,602,999	<sup>1</sup> 468,886	421,293	<sup>1</sup> 47,099,196	17,844,993

<sup>1</sup> Includes unclassified animals.<sup>2</sup> Includes Indian Territory.



## LIVE STOCK ON FARMS AND ELSEWHERE.

323

MULES, BY AGE GROUPS, AND OF ASSES AND BURROS, BY DIVISIONS AND STATES: 1910 AND 1900.

[See text with reference to date of enumeration and change in classification.]

	MATURE HORSES.				YEARLING HORSES.				HORSE COLTS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	17,430,418	15,505,966	\$1,958,554,817	\$822,317,707	1,731,982	1,446,225	\$101,883,668	\$48,298,639	612,775	1,314,829	\$20,635,831	\$25,896,871
2	343,826	365,045	43,322,612	25,860,181	9,978	13,307	688,532	742,021	951	7,344	46,932	238,091
3	1,160,154	1,193,372	155,380,823	90,970,287	58,271	69,671	4,235,865	3,927,904	11,261	50,400	494,615	1,610,841
4	3,915,956	3,523,912	460,941,612	210,406,428	371,741	317,918	24,416,182	13,561,186	113,745	280,624	3,932,091	6,756,751
5	5,896,776	4,744,015	705,002,548	259,332,434	665,741	484,521	40,695,232	16,736,828	227,438	443,272	7,550,473	9,237,064
6	1,006,489	953,599	115,636,163	56,098,624	76,474	60,944	4,755,035	2,482,859	28,224	56,527	967,927	1,324,033
7	1,009,795	1,039,515	109,635,147	57,505,865	92,662	70,371	6,388,491	3,216,928	42,142	76,153	2,047,661	2,296,238
8	2,057,662	1,895,268	170,709,873	62,673,946	191,821	170,715	8,658,033	3,259,602	92,672	172,741	2,886,634	2,191,639
9	1,166,007	992,209	102,922,196	27,114,567	165,941	176,145	6,734,082	2,624,805	52,153	156,222	1,307,304	1,297,588
10	873,753	799,031	95,003,843	32,355,375	99,353	82,633	5,312,216	1,746,506	44,189	71,546	1,392,594	944,606
11	103,505	99,510	14,076,531	6,778,904	3,705	3,955	270,476	201,548	364	2,834	17,749	78,537
12	45,073	52,621	5,192,538	3,726,007	1,081	1,543	70,209	90,816	75	702	3,582	23,847
13	77,043	79,190	8,381,854	5,072,032	3,513	3,852	200,625	181,727	225	2,489	8,878	65,838
14	63,161	71,937	8,576,453	5,619,159	948	2,298	86,054	160,121	174	799	9,490	47,177
15	9,434	11,120	1,411,234	962,429	93	179	10,833	13,779	20	91	2,110	4,740
16	45,610	50,667	5,684,002	3,701,650	638	1,480	50,275	94,030	93	429	5,123	17,952
17	562,310	578,378	78,032,682	43,556,014	25,083	30,033	1,851,349	1,771,023	3,615	20,027	159,271	650,894
18	86,032	89,144	11,725,055	7,188,643	2,207	3,054	201,762	240,380	683	1,826	85,695	153,251
19	511,812	525,850	65,623,086	38,225,630	30,981	36,584	2,182,754	1,916,501	6,963	28,547	249,649	806,696
20	814,507	755,549	93,373,221	45,725,947	73,520	67,332	4,787,578	3,037,402	22,197	55,324	749,839	1,395,896
21	714,091	644,469	81,433,050	36,968,203	71,863	54,820	4,714,861	2,365,668	27,690	52,426	970,557	1,308,117
22	1,264,202	1,126,875	152,396,336	62,604,632	138,447	115,377	9,210,361	4,575,418	50,238	107,967	1,756,703	2,518,050
23	560,936	517,135	68,278,456	33,450,482	41,474	38,406	2,775,456	1,711,541	7,623	31,018	258,562	746,534
24	562,220	479,884	65,460,549	31,657,164	46,437	41,983	2,927,926	1,871,157	5,997	33,889	197,030	788,154
25	675,509	599,566	84,779,112	39,252,715	63,069	51,399	3,840,249	2,031,557	14,606	45,504	449,511	970,772
26	1,289,973	1,134,457	165,638,084	69,370,107	159,679	133,589	10,873,651	5,359,392	42,574	124,527	1,487,389	2,991,078
27	932,209	845,646	105,564,793	38,747,179	103,615	63,214	6,820,643	2,070,506	37,503	58,177	1,591,127	1,277,129
28	564,313	299,192	78,762,790	21,054,668	61,671	32,131	3,873,395	1,127,100	24,615	28,625	825,554	546,743
29	571,800	380,985	68,788,279	18,015,647	69,966	52,659	3,759,940	1,369,292	23,723	47,124	667,466	700,748
30	870,111	655,460	96,141,203	33,061,792	100,804	73,082	5,547,013	2,316,583	37,099	66,776	1,088,946	1,284,984
31	992,801	828,709	105,328,287	39,830,326	106,937	78,447	5,980,341	2,402,398	47,318	72,539	1,449,480	1,465,610
32	29,632	26,229	3,285,872	1,641,088	2,311	1,903	133,793	84,427	1,122	1,590	32,126	42,110
33	137,278	130,114	15,886,073	8,666,416	12,318	9,938	723,072	455,204	5,842	8,942	178,322	231,074
34	563	814	54,970	55,297	24	24	1,475	1,475	1	16	56	590
35	288,859	258,974	32,552,971	14,104,537	29,972	20,291	1,891,589	780,009	11,593	19,257	413,050	441,858
36	159,557	160,278	17,419,881	9,610,189	16,973	12,963	1,047,242	501,504	3,461	11,947	116,258	264,857
37	155,949	147,419	17,845,638	8,430,054	6,834	5,927	459,952	233,882	3,368	5,807	122,544	131,675
38	76,971	72,530	9,971,960	4,615,538	2,134	3,188	146,949	161,587	742	2,701	28,209	69,778
39	114,665	118,854	13,880,577	6,802,754	3,918	4,525	253,141	189,539	1,484	4,028	60,121	99,935
40	43,015	38,387	4,738,221	2,172,751	2,014	2,185	99,297	75,232	611	2,239	17,181	42,156
41	387,795	400,283	41,190,070	22,057,785	38,089	24,927	2,737,998	1,428,700	17,150	26,487	868,052	1,062,057
42	300,327	305,426	35,981,004	18,024,501	32,098	23,109	2,467,838	993,396	16,684	23,853	871,202	663,620
43	125,264	136,073	13,110,385	7,403,511	7,347	7,846	425,172	299,118	3,025	8,724	115,727	203,492
44	196,409	197,733	19,353,688	10,020,068	14,528	14,489	757,483	495,714	5,283	17,089	192,680	367,009
45	228,479	222,596	21,878,918	9,490,685	17,382	14,179	939,768	381,735	8,855	16,815	338,523	289,075
46	164,604	168,786	11,296,815	6,184,115	11,210	12,076	368,084	274,190	5,472	13,510	124,796	166,312
47	643,418	426,708	59,223,145	15,222,452	64,996	47,635	3,295,586	1,980,188	34,111	46,987	1,110,190	636,372
48	1,021,161	1,077,178	78,310,995	31,773,694	98,233	96,825	4,054,595	1,623,489	44,234	95,429	1,318,125	1,099,900
49	251,134	245,284	24,411,464	6,584,595	41,491	44,850	1,785,979	839,334	11,717	39,838	295,478	364,743
50	162,711	131,076	18,185,360	3,708,771	22,449	20,832	1,166,362	278,326	8,450	18,212	269,486	136,246
51	127,275	99,077	11,259,690	2,783,644	20,638	19,754	840,676	297,109	5,078	16,712	137,177	144,443
52	254,581	185,541	25,655,549	6,487,282	29,601	27,360	1,419,805	530,164	9,388	23,645	271,777	291,280
53	145,151	97,937	7,128,138	1,943,884	17,500	16,550	369,739	177,458	4,468	16,666	63,713	99,127
54	74,788	83,804	3,681,406	1,466,417	11,276	22,283	256,106	152,878	5,775	18,076	79,422	82,610
55	94,290	90,974	9,149,915	3,026,122	14,070	13,515	660,117	247,348	4,541	11,395	132,091	122,843
56	56,077	58,516	3,450,674	1,113,852	8,916	11,001	235,298	102,188	2,736	10,778	58,160	56,296
57	241,624	191,314	27,839,750	7,794,016	27,272	30,312	1,498,683	502,760	11,071	22,359	325,941	253,658
58	229,545	234,112	23,393,536	7,903,406	30,154	27,682	1,424,342	480,133	10,081	26,138	299,005	267,521
59	402,584	373,605	43,770,557	16,657,963	41,927	24,639	2,389,191	763,613	23,037	23,049	767,648	423,427



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## HORSES, MULES, AND ASSES AND BURROS ON FARMS—NUMBER AND VALUE OF HORSES AND MULES,

[See text with reference to date of enumeration and change in classification.]

Table 21—Continued.		ALL MULES.				MATURE MULES.			
DIVISION OR STATE.		Number.		Value.		Number.		Value.	
		1910	1900	1910	1900	1910	1900	1910	1900
1	United States.....	4,209,769	3,264,615	\$525,391,863	\$196,222,053	3,787,316	2,753,488	\$497,982,330	\$178,264,738
GEOGRAPHIC DIVISIONS:									
2	New England.....	1,729	1,395	282,928	93,704	1,663	1,073	277,738	80,977
3	Middle Atlantic.....	52,416	46,260	7,096,310	3,490,899	50,723	40,749	7,538,858	3,195,748
4	East North Central.....	259,423	215,538	31,404,071	12,480,773	217,775	169,776	28,671,206	10,790,212
5	West North Central.....	715,932	535,117	90,544,355	30,056,974	564,315	379,162	79,913,033	24,534,007
6	South Atlantic.....	749,257	555,129	107,799,330	38,035,487	736,343	525,288	106,961,436	36,711,925
7	East South Central.....	1,003,804	850,651	125,108,538	54,539,552	924,878	723,226	119,631,758	49,644,973
8	West South Central.....	1,286,378	938,787	145,350,358	51,455,760	1,172,265	814,600	139,030,282	47,849,727
9	Mountain.....	48,957	26,829	5,227,444	1,001,561	39,700	19,075	4,712,502	817,144
10	Pacific.....	91,873	94,909	11,978,529	5,067,343	79,654	80,537	11,225,517	4,640,025
NEW ENGLAND:									
11	Maine.....	358	353	72,446	19,530	342	240	71,431	15,885
12	New Hampshire.....	195	97	29,681	6,072	185	72	28,836	5,210
13	Vermont.....	429	331	53,540	21,847	405	280	51,615	19,902
14	Massachusetts.....	268	298	43,385	20,685	259	214	42,905	16,945
15	Rhode Island.....	63	38	11,155	2,835	63	36	11,155	2,770
16	Connecticut.....	416	278	72,721	22,735	409	231	71,796	20,265
MIDDLE ATLANTIC:									
17	New York.....	4,052	3,313	650,497	229,172	3,840	2,939	633,272	213,850
18	New Jersey.....	4,041	4,888	621,774	354,037	3,960	4,499	616,389	330,370
19	Pennsylvania.....	44,323	38,059	6,424,039	2,907,690	42,923	33,311	6,309,197	2,651,528
EAST NORTH CENTRAL:									
20	Ohio.....	22,850	16,771	2,775,831	941,211	20,904	13,986	2,656,354	834,442
21	Indiana.....	82,168	66,717	9,678,014	3,717,083	69,493	52,232	8,849,572	3,176,375
22	Illinois.....	147,833	124,644	18,140,335	7,420,511	121,459	97,646	16,396,322	6,433,775
23	Michigan.....	3,700	2,916	493,825	158,475	3,329	2,379	460,927	141,619
24	Wisconsin.....	2,872	4,490	316,066	243,493	2,599	3,533	290,031	204,001
WEST NORTH CENTRAL:									
25	Minnesota.....	5,775	8,339	732,723	486,580	5,213	6,804	697,451	422,878
26	Iowa.....	55,524	55,747	7,551,818	3,586,761	46,485	42,452	6,877,871	3,045,575
27	Missouri.....	342,700	283,519	43,438,702	15,482,282	265,601	194,984	37,683,467	12,401,901
28	North Dakota.....	7,695	6,880	1,149,001	476,366	7,164	5,962	1,112,691	439,514
29	South Dakota.....	12,424	6,804	1,668,617	345,609	10,495	5,143	1,537,901	290,856
30	Nebraska.....	83,405	55,124	10,374,076	3,171,460	67,185	42,252	9,333,668	2,695,229
31	Kansas.....	208,409	118,704	25,629,418	6,507,916	162,172	81,565	22,649,984	5,238,054
SOUTH ATLANTIC:									
32	Delaware.....	5,935	4,745	764,133	345,401	5,676	4,349	748,326	322,021
33	Maryland.....	22,667	17,511	3,043,581	1,394,522	21,498	15,970	2,967,983	1,312,022
34	District of Columbia.....	53	81	5,800	6,050	53	81	5,800	6,050
35	Virginia.....	60,022	47,474	7,595,516	2,941,765	56,016	40,399	7,337,186	2,665,146
36	West Virginia.....	11,717	11,354	1,339,760	725,134	10,800	9,791	1,278,071	659,692
37	North Carolina.....	174,711	135,610	23,099,687	8,677,298	171,135	126,934	23,472,903	8,338,970
38	South Carolina.....	155,471	117,369	23,830,361	8,415,523	154,806	113,768	23,787,489	8,209,379
39	Georgia.....	295,348	207,321	43,974,611	14,454,822	293,231	200,811	43,831,302	14,148,187
40	Florida.....	23,333	13,664	3,545,821	1,074,972	23,128	13,185	3,532,316	1,049,558
EAST SOUTH CENTRAL:									
41	Kentucky.....	225,043	190,665	26,402,090	11,105,553	195,675	149,010	24,372,211	9,571,244
42	Tennessee.....	275,855	253,657	35,100,810	16,200,550	240,282	200,302	32,489,724	14,191,731
43	Alabama.....	247,146	192,070	31,577,217	13,104,642	242,285	179,522	31,285,918	12,579,746
44	Mississippi.....	255,760	214,259	32,028,421	14,128,807	246,636	194,392	31,483,905	13,302,252
WEST SOUTH CENTRAL:									
45	Arkansas.....	222,200	175,001	27,128,027	9,989,704	206,452	155,359	26,198,831	9,346,438
46	Louisiana.....	131,554	143,970	15,624,962	10,636,982	128,667	135,430	15,485,703	10,290,267
47	Oklahoma.....	257,066	112,535	28,618,224	5,707,455	219,990	90,164	26,428,433	5,026,036
48	Texas.....	675,558	507,281	73,979,145	25,121,619	617,156	433,657	70,917,315	23,186,986
MOUNTAIN:									
49	Montana.....	4,174	2,729	445,278	102,741	3,021	1,749	380,307	77,914
50	Idaho.....	4,036	1,793	481,301	70,542	2,993	1,309	411,147	57,679
51	Wyoming.....	2,045	1,227	248,572	51,609	1,675	779	226,432	38,428
52	Colorado.....	14,739	6,784	1,798,535	325,547	11,602	5,017	1,605,500	269,944
53	New Mexico.....	14,937	5,311	1,463,012	183,132	13,175	4,118	1,376,570	159,785
54	Arizona.....	3,963	4,077	399,449	123,539	3,507	3,080	379,905	102,882
55	Utah.....	2,277	2,116	157,497	58,850	1,564	1,278	125,278	42,796
56	Nevada.....	2,786	2,792	233,800	85,601	2,163	1,745	207,363	67,716
PACIFIC:									
57	Washington.....	12,185	2,690	1,776,297	138,185	9,949	1,927	1,628,923	114,524
58	Oregon.....	9,927	7,446	1,185,788	318,249	7,708	5,341	1,044,573	267,354
59	California.....	69,761	84,773	9,016,444	4,610,909	61,997	73,269	8,552,021	4,258,147

¹ Includes Indian Territory.



## LIVE STOCK ON FARMS AND ELSEWHERE.

325

BY AGE GROUPS, AND OF ASSES AND BURROS, BY DIVISIONS AND STATES: 1910 AND 1900—Continued.

[See text with reference to date of enumeration and change in classification.]

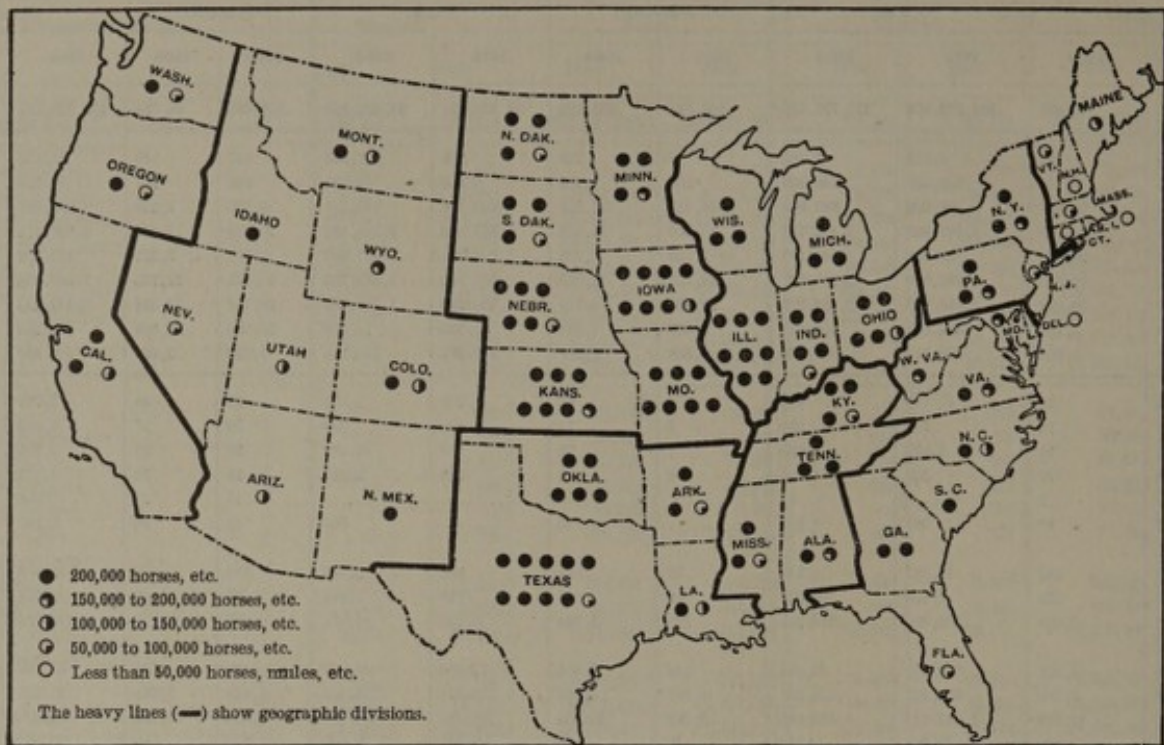
	YEARLING MULES.				MULE COLTS.				ALL ASSES AND BURROS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	313,196	279,501	\$22,874,502	\$11,755,416	109,257	231,628	\$4,535,031	\$6,201,899	105,698	94,165	\$13,200,112	\$5,811,184
2	53	103	4,625	5,585	13	219	565	7,142	147	180	12,823	5,948
3	1,529	4,108	130,637	240,209	164	1,403	6,795	54,882	685	957	86,974	33,123
4	30,725	22,437	2,307,669	997,986	10,923	23,325	425,196	692,575	5,426	4,310	958,698	369,970
5	114,108	80,985	9,037,902	3,412,773	37,509	74,970	1,593,420	2,110,194	22,254	15,580	4,938,155	1,851,320
6	10,182	20,552	732,886	1,045,582	2,732	9,289	105,008	277,980	3,373	2,301	474,208	216,228
7	58,699	69,758	4,507,036	3,214,847	20,227	57,667	969,744	1,679,732	15,731	17,703	2,347,454	1,514,347
8	82,078	70,023	5,098,056	2,438,377	32,035	54,164	1,222,020	1,167,656	29,700	22,354	3,141,343	1,384,728
9	7,454	3,730	453,560	109,017	1,803	4,024	61,382	75,400	25,009	28,088	650,960	229,919
10	8,368	7,805	602,111	290,980	3,851	6,567	150,901	136,338	3,313	2,692	580,497	205,601
11	11	21	745	970	5	92	270	2,675	22	48	3,728	769
12	7	13	725	630	3	12	120	232	30	27	1,593	1,565
13	23	13	1,865	630	1	38	60	1,315	22	25	2,038	915
14	5	27	365	1,480	4	57	115	2,260	21	51	1,777	1,709
15	2	2	65	65	11	5	630	210	11	5	630	210
16	7	27	925	1,810	20	660	660	660	41	24	3,057	780
17	191	182	16,345	9,160	21	192	880	6,162	284	338	38,262	8,109
18	61	322	4,660	20,823	20	67	725	2,844	53	43	5,274	2,455
19	1,277	3,604	109,652	210,286	123	1,144	5,190	45,876	348	576	43,438	22,559
20	1,601	1,321	107,501	60,244	345	1,464	11,976	46,525	488	250	61,560	18,981
21	9,388	7,320	694,621	324,353	3,287	7,165	133,821	216,365	1,646	1,008	291,217	116,144
22	19,181	13,194	1,467,711	585,666	7,202	13,804	276,302	401,070	2,863	2,529	568,194	223,147
23	309	188	21,641	7,856	62	349	2,257	9,000	233	95	23,932	3,193
24	246	414	16,195	19,867	27	543	840	19,625	196	428	13,795	8,505
25	444	813	31,077	39,020	118	722	4,195	24,682	219	161	22,857	11,475
26	7,557	6,807	612,601	333,830	1,482	6,488	61,346	207,356	1,614	1,832	280,212	150,768
27	57,750	47,111	4,836,869	1,939,879	19,349	41,424	918,366	1,140,502	12,877	8,777	3,053,873	1,111,893
28	421	510	31,780	25,237	110	408	4,530	11,615	133	96	22,915	13,231
29	1,563	743	116,940	30,180	366	918	13,776	24,573	333	195	71,628	19,021
30	12,467	6,671	885,950	293,356	3,753	6,201	134,458	182,875	2,118	732	447,635	116,756
31	33,906	18,330	2,522,685	751,271	12,331	18,809	456,749	518,591	4,960	3,787	1,039,035	428,176
32	173	289	12,750	17,930	86	107	3,057	5,450	18	15	3,975	845
33	869	1,136	63,908	66,408	300	405	11,690	15,192	101	69	35,450	6,810
34	3,170	4,196	224,565	192,701	836	2,879	33,765	83,918	783	412	121,654	52,231
35	777	852	56,018	41,149	140	711	5,671	24,293	160	116	25,556	15,234
36	2,734	5,600	196,891	256,401	842	3,076	29,893	81,927	1,017	825	132,554	69,460
37	528	3,081	37,602	187,207	137	520	5,270	18,937	401	247	62,911	22,353
38	1,754	5,021	128,492	261,684	363	1,489	14,817	44,951	765	519	81,403	45,850
39	177	377	12,660	22,102	28	102	845	3,312	128	98	10,705	3,445
40	21,240	20,945	1,640,308	935,563	8,128	20,710	389,571	600,746	4,677	5,259	848,276	459,210
41	26,486	28,674	2,150,423	1,284,211	9,087	24,681	460,663	724,608	7,989	8,852	1,075,066	703,702
42	3,743	7,853	248,218	390,664	1,118	4,695	43,081	134,232	1,272	1,819	143,747	134,826
43	7,230	12,286	468,087	606,409	1,894	7,581	76,429	220,146	1,793	1,773	280,365	216,609
44	11,203	10,908	741,838	433,326	4,545	8,734	187,358	209,940	3,098	2,479	469,738	222,185
45	2,261	6,225	120,251	293,765	626	2,325	19,008	52,950	531	683	70,226	51,685
46	25,795	11,810	1,746,555	1,426,637	11,281	10,561	443,236	1,254,782	5,723	1,283	881,305	1,242,111
47	42,819	41,080	2,489,412	1,284,649	15,583	32,544	572,418	649,984	20,408	16,409	1,720,074	868,747
48	1,023	404	61,206	12,021	130	576	3,765	12,806	160	128	55,181	16,008
49	806	209	59,849	6,610	237	275	10,305	6,253	347	362	99,992	10,733
50	325	239	20,600	9,451	45	209	1,540	3,730	241	414	27,090	10,037
51	2,408	874	165,238	33,300	729	893	27,797	22,303	3,233	5,513	136,732	52,010
52	1,458	632	77,447	15,307	704	561	8,995	8,040	11,852	15,902	163,032	64,528
53	338	552	17,167	13,384	118	445	2,377	7,273	7,104	4,025	73,092	32,162
54	575	380	28,364	9,775	138	458	3,855	6,279	1,160	888	68,246	15,555
55	521	440	23,689	9,169	102	607	2,748	8,716	912	256	35,995	28,886
56	1,673	322	125,587	12,992	563	441	21,787	10,669	173	160	82,405	16,481
57	1,782	1,014	124,857	30,013	437	1,091	16,358	20,882	548	305	150,777	42,423
58	4,913	6,469	351,667	247,975	2,851	5,035	112,756	104,787	2,592	2,227	347,315	146,697



## ABSTRACT OF THE CENSUS—AGRICULTURE.

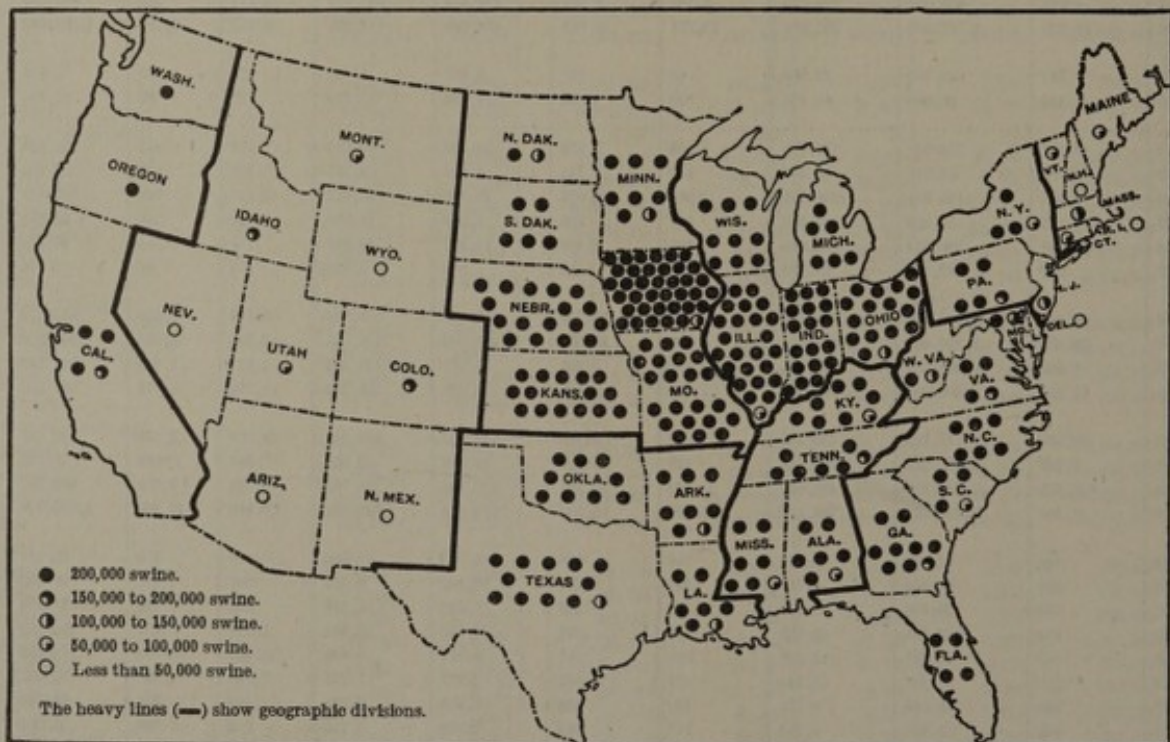
## ALL HORSES, MULES, AND ASSES AND BURROS ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



## ALL SWINE ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.





## SWINE ON FARMS.

**United States as a whole.**—The following table shows, for 1910 and 1900, the principal facts with regard to swine on farms for the United States:

Table 22	All swine.	Hogs and pigs born before Jan. 1.	Pigs born after Jan. 1.
1910—Number (April 15).....	58,185,676	35,134,097	23,051,579
Value.....	\$399,338,308	\$352,157,938	\$47,180,359
Average value.....	\$6.86	\$10.02	\$2.05
Farms reporting.....	4,351,751	4,092,391	1,868,672
Per cent of all farms.....	68.4	64.3	29.4
1900—Number (June 1).....	62,868,041	( )	( )
Value.....	\$231,978,031	( )	( )
Average value.....	\$3.69	( )	( )
Farms reporting.....	4,335,363	( )	( )
Per cent of all farms.....	75.6	( )	( )

<sup>1</sup> No age classification in 1900.

The number of swine reported for June 1, 1900, was 62,868,000 and the number reported for April 15, 1910, 58,186,000, an apparent decrease of 4,682,000, or 7.4 per cent. The change in the date of enumeration, however, has a very serious effect on the comparability of the statistics for 1900 and 1910, since the number of swine born between April 15 and June 1 undoubtedly greatly exceeds the number slaughtered during that period. It is probable that if the enumeration of 1910 had been made as of June 1 the number of swine would have been greater than in 1900, but it is impossible to make any close estimate. Notwithstanding the decrease in the number of swine at the census of 1910, as compared with that of 1900, the aggregate value of swine on farms increased from \$231,978,000 in 1900 to \$399,338,000 in 1910.

**Divisions and states.**—Table 25 (page 328) shows, for each geographic division and state, the number and value of swine on farms at the last two censuses. The following statement shows, by geographic divisions and sections, the distribution of swine and the increase or decrease during the decade:

Table 23 DIVISION OR SECTION.	INCREASE IN NUMBER: 1900 TO 1910 <sup>1</sup>		PER CENT OF TOTAL NUMBER IN UNITED STATES.				AVERAGE NUMBER PER 1,000 ACRES OF LAND IN FARMS.			
	Amount.	Per cent.	All swine.		Hogs and pigs born before Jan. 1, 1910.		All swine.		Hogs and pigs born before Jan. 1, 1910.	
			1910	1900	1910	1900	1910	1900	1910	1900
<b>United States.....</b>	<b>-4,682,365</b>	<b>-7.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>66</b>	<b>75</b>	<b>40</b>	<b>40</b>
New England.....	34,443	9.5	0.7	0.6	0.7	0.7	29	18	12	12
Middle Atlantic.....	-169,186	-8.6	3.1	3.1	3.1	3.1	41	44	25	25
East North Central.....	-1,589,192	-9.9	24.9	25.5	21.7	29.6	123	138	65	65
West North Central.....	-3,145,529	-12.9	38.6	38.9	36.0	37.5	91	122	54	54
South Atlantic.....	401,158	7.2	10.2	8.8	11.0	9.1	57	53	37	37
East South Central.....	-1,208,742	-18.2	9.3	10.6	10.4	7.7	67	82	45	45
West South Central.....	619,466	9.7	12.1	10.2	13.8	9.5	42	36	29	29
Mountain.....	241,231	60.4	1.1	0.6	1.2	1.0	11	9	7	7
Pacific.....	128,986	12.2	2.0	1.7	2.1	1.9	23	22	15	15
<b>The North.....</b>	<b>-4,896,464</b>	<b>-11.4</b>	<b>65.2</b>	<b>68.1</b>	<b>61.5</b>	<b>70.9</b>	<b>92</b>	<b>112</b>	<b>52</b>	<b>52</b>
The South.....	-186,118	-1.0	31.7	29.6	35.3	26.2	52	51	35	35
The West.....	570,217	25.3	3.1	2.3	3.3	2.9	17	16	10	10
East of the Mississippi.....	-2,526,519	-8.3	48.2	48.6	46.9	50.1	77	83	45	45
West of the Mississippi.....	-2,155,846	-6.7	51.8	51.4	53.1	49.9	59	69	36	36

<sup>1</sup> A minus sign (-) denotes decrease.

In considering the geographic distribution of the total number of swine reported for April 15, 1910, it

should be noted that the number reported for that date presumably corresponds more closely to the average number on hand during the entire year in the case of some sections of the country than in the case of others, since, on account of differences in climate and in the prevailing practice as to hog raising, the proportion which the number of pigs born before April 15 represents of the entire number born during the year varies materially in different sections. Moreover, the distribution of the number of swine living on a given date does not indicate very closely the importance of the several sections of the country in the hog raising industry, for the reason that in some sections the hogs are slaughtered at an earlier average age than in other sections. In 1910 the West North Central division reported considerably more than one-third (36 per cent) of the total number of "mature" swine (that is, those born before Jan. 1, 1910) in the United States, and the East North Central division somewhat over one-fifth (21.7 per cent). Most of the remainder were in the three southern divisions. For reasons already indicated the distribution of young pigs differs somewhat from that of other swine.

In considering the increase or decrease in the number of swine of all ages it should be borne in mind that the change in the date of enumeration probably affects the comparability of the statistics for the two censuses in a more marked degree in some divisions than in others. Fewer swine were reported on April 15, 1910, than on June 1, 1900, in the Middle Atlantic, East North Central, and West North Central divisions, and also in one southern division, the East South Central, but there was an increase in the other five divisions.

The following table shows average values per head:

Table 24 DIVISION	AVERAGE VALUE PER HEAD.			
	All swine.		Hogs and pigs born before Jan. 1, 1910.	Pigs born after Jan. 1, 1910.
	1910	1900		
<b>United States.....</b>	<b>\$6.86</b>	<b>\$3.69</b>	<b>\$10.02</b>	<b>\$2.05</b>
New England.....	10.09	6.79	13.92	4.33
Middle Atlantic.....	8.18	5.38	11.17	3.68
East North Central.....	7.10	3.83	11.64	2.04
West North Central.....	8.62	4.35	13.18	1.95
South Atlantic.....	3.83	2.29	4.94	1.76
East South Central.....	4.70	2.39	6.08	1.84
West South Central.....	4.65	2.56	5.85	1.98
Mountain.....	7.98	4.64	10.88	2.89
Pacific.....	7.02	4.11	9.53	2.75

For the United States as a whole the average value of all swine in 1910 was \$6.86, as compared with \$3.69 in 1900. Had the enumeration of 1910 been made as of June 1, however, the average value per head would have been considerably less than that based upon the values reported for April 15. The average value per head of swine born before January 1, 1910, which furnishes a better basis for comparison among divisions than that of all swine, was much lower in the three southern divisions than in the divisions of the North and West.



## SWINE ON FARMS—NUMBER AND VALUE, BY DIVISIONS AND STATES: 1910 AND 1900,

[See text with reference to date of enumeration.]

Table 25 DIVISION OR STATE.	ALL SWINE.				HOGS AND PIGS BORN BEFORE JAN. 1, 1910.		PIGS BORN AFTER JAN. 1, 1910.	
	Number.		Value.		Number.	Value.	Number.	Value.
	1910	1900	1910	1900				
United States.....	58,185,676	62,868,041	\$399,338,308	\$231,978,031	35,134,097	\$352,157,958	23,051,579	\$47,180,350
<b>GEOGRAPHIC DIVISIONS:</b>								
New England.....	396,642	362,199	4,002,424	2,460,845	238,351	3,317,046	158,291	685,378
Middle Atlantic.....	1,790,821	1,960,007	14,656,806	10,550,806	1,076,591	12,030,104	714,230	2,626,702
East North Central.....	14,461,059	16,047,251	102,738,278	61,404,163	7,634,179	88,825,333	6,826,880	13,912,945
West North Central.....	21,281,509	24,427,038	183,456,287	106,372,079	12,642,984	166,637,349	8,638,525	16,818,938
South Atlantic.....	5,963,920	5,562,762	22,834,358	12,738,747	3,877,400	19,167,812	2,086,520	3,666,546
East South Central.....	5,438,606	6,645,348	25,551,000	15,865,699	3,664,939	22,286,615	1,773,667	3,264,385
West South Central.....	7,021,945	6,402,479	32,631,977	16,367,505	4,842,112	28,312,087	2,179,833	4,319,890
Mountain.....	640,911	399,680	5,114,499	1,833,665	408,069	4,441,808	232,842	672,691
Pacific.....	1,190,263	1,061,277	8,352,679	4,364,522	749,472	7,139,804	440,791	1,212,875
<b>NEW ENGLAND:</b>								
Maine.....	87,156	79,018	948,094	516,015	54,326	804,965	32,830	143,129
New Hampshire.....	45,237	51,211	504,174	357,573	28,505	431,973	16,732	72,201
Vermont.....	94,821	95,000	974,779	620,169	54,537	798,831	40,284	175,948
Massachusetts.....	103,018	78,925	978,989	549,617	62,368	809,431	40,650	169,558
Rhode Island.....	14,038	11,508	123,647	90,614	8,157	98,492	5,881	25,155
Connecticut.....	52,372	46,447	472,741	326,857	30,458	373,354	21,914	99,387
<b>MIDDLE ATLANTIC:</b>								
New York.....	666,179	676,639	5,905,272	3,794,332	364,375	4,698,066	301,804	1,207,206
New Jersey.....	147,005	175,387	1,127,040	926,179	86,699	935,728	60,306	191,312
Pennsylvania.....	977,637	1,107,981	7,624,494	5,830,295	625,517	6,396,310	362,120	1,228,184
<b>EAST NORTH CENTRAL:</b>								
Ohio.....	3,105,627	3,188,563	19,412,730	11,813,168	1,574,009	16,180,493	1,531,618	3,232,237
Indiana.....	3,613,906	3,763,389	23,739,586	13,804,893	1,906,258	20,433,328	1,707,648	3,306,258
Illinois.....	4,686,362	5,915,468	36,210,179	23,616,781	2,603,062	32,416,805	2,083,300	3,793,374
Michigan.....	1,245,833	1,165,200	9,755,042	4,588,898	655,921	8,284,483	589,912	1,470,559
Wisconsin.....	1,809,331	2,014,631	13,620,741	7,580,423	894,929	11,510,224	914,402	2,110,517
<b>WEST NORTH CENTRAL:</b>								
Minnesota.....	1,520,257	1,440,806	13,929,127	5,865,590	833,970	12,277,431	686,287	1,651,696
Iowa.....	7,545,853	9,723,791	69,693,218	43,764,176	4,299,499	63,976,554	3,246,354	5,716,664
Missouri.....	4,438,194	4,524,664	31,937,573	16,533,935	2,800,281	28,578,552	1,637,913	3,339,021
North Dakota.....	331,603	191,798	3,152,909	930,470	199,707	2,797,423	131,896	355,486
South Dakota.....	1,009,721	823,120	10,387,063	3,540,072	658,181	9,598,656	351,540	788,437
Nebraska.....	3,435,724	4,128,000	29,649,482	18,660,932	1,970,895	27,157,456	1,464,829	2,492,026
Kansas.....	3,000,157	3,594,859	24,706,885	17,076,904	1,880,451	22,251,277	1,119,706	2,455,608
<b>SOUTH ATLANTIC:</b>								
Delaware.....	49,260	46,732	337,910	234,472	34,101	288,364	15,159	49,546
Maryland.....	301,583	317,902	1,765,857	1,329,143	196,415	1,476,180	105,168	289,677
District of Columbia.....	665	802	9,382	4,097	435	7,831	230	1,531
Virginia.....	797,635	946,443	4,165,680	2,572,524	526,328	2,507,001	271,307	658,679
West Virginia.....	328,188	442,844	2,087,392	1,389,808	211,463	1,779,050	116,725	308,342
North Carolina.....	1,227,625	1,300,469	4,638,046	2,516,410	802,279	3,861,361	425,346	776,685
South Carolina.....	665,211	618,995	2,552,344	1,411,516	421,973	2,158,347	243,238	393,997
Georgia.....	1,783,684	1,424,298	5,429,016	2,577,950	1,141,385	4,547,835	642,299	881,181
Florida.....	810,069	464,277	1,848,731	702,827	543,021	1,541,843	267,048	306,888
<b>EAST SOUTH CENTRAL:</b>								
Kentucky.....	1,491,816	1,954,537	8,951,692	5,176,183	1,038,488	7,964,000	453,328	1,017,692
Tennessee.....	1,387,938	1,976,984	7,329,622	4,838,713	1,031,137	6,593,762	356,801	735,860
Alabama.....	1,266,733	1,423,329	4,356,520	2,887,230	815,446	3,678,508	451,287	678,012
Mississippi.....	1,292,119	1,290,498	4,913,166	2,963,573	779,868	4,080,345	512,251	832,821
<b>WEST SOUTH CENTRAL:</b>								
Arkansas.....	1,518,947	1,713,307	5,170,924	2,981,309	1,150,767	4,607,067	368,180	563,867
Louisiana.....	1,327,605	788,425	3,824,046	1,494,284	838,321	3,183,728	489,284	640,318
Oklahoma.....	1,839,030	1,235,133	11,997,641	4,286,225	1,211,876	10,440,178	627,154	1,557,463
Texas.....	2,336,363	2,665,614	11,639,366	7,605,687	1,641,148	10,081,124	695,215	1,558,242
<b>MOUNTAIN:</b>								
Montana.....	99,261	49,496	858,829	281,402	56,342	720,365	42,919	138,464
Idaho.....	178,346	114,080	1,398,727	480,338	118,907	1,246,634	59,439	152,093
Wyoming.....	33,947	15,471	301,716	78,145	23,301	271,694	10,646	30,022
Colorado.....	179,294	101,198	1,568,158	482,722	110,922	1,360,907	68,372	207,251
New Mexico.....	45,409	20,426	275,851	81,644	31,784	241,813	13,625	34,038
Arizona.....	17,208	18,103	113,714	80,587	10,422	91,479	6,786	22,235
Utah.....	64,286	65,732	445,653	293,115	42,107	382,284	22,179	63,369
Nevada.....	23,160	15,174	151,851	75,712	14,284	126,632	8,876	25,219
<b>PACIFIC:</b>								
Washington.....	206,135	181,535	1,674,927	830,704	127,356	1,431,286	78,779	243,641
Oregon.....	217,577	281,406	1,570,949	1,057,037	139,306	1,361,694	78,271	209,255
California.....	766,551	598,336	5,106,803	2,476,781	482,810	4,346,824	283,741	759,979

¹ Includes Indian Territory.



Table 26 shows the number of swine reported at each of the last four censuses. The figures for 1910, as already stated, are not closely comparable with the others. The increase in the number of swine since 1880 has fallen far short of keeping pace with the growth of population. It is probable, however, that, on account of the improvement in methods of raising and marketing swine, the increase in the actual annual production for market (both in number and in weight) has been more rapid than the increase in the number of hogs and pigs living on any given date, as shown in this table.

**Table 26**

DIVISION.	SWINE.			
	1910	1900	1890	1880
United States.....	58,185,676	62,868,041	57,426,859	49,772,670
New England.....	396,642	362,199	407,590	362,133
Middle Atlantic.....	1,790,821	1,960,007	2,345,759	2,158,944
East North Central.....	14,461,059	16,047,251	14,995,448	13,990,908
West North Central.....	21,281,509	24,427,038	22,629,184	14,527,709
South Atlantic.....	5,963,920	5,562,762	5,082,321	5,720,132
East South Central.....	5,438,606	6,645,348	6,544,683	6,790,000
West South Central.....	7,021,945	6,402,479	4,353,903	5,422,141
Mountain.....	640,911	399,680	175,429	1105,015
Pacific.....	1,190,263	1,061,277	892,542	1,095,688

<sup>1</sup> Includes estimated number of swine on public ranges.

### SHEEP AND GOATS ON FARMS.

**United States as a whole.**—The effect of the change in the date of enumeration and method of classification in rendering the statistics of the last two censuses incomparable is probably somewhat greater in the case of sheep than in the case of cattle. No

age classification was made at either census for goats.

The following statement shows the designations applied to the several classes of sheep at each of the last two censuses and the number reported in each class, and also the totals for goats:

1910 (APRIL 15).			1900 (JUNE 1).			NOMINAL INCREASE. <sup>1</sup>	
Class as defined on schedule.	Corresponding age limits.	Number.	Class as defined on schedule.	Corresponding limits of date of birth.	Number.	Number.	Per cent.
<b>All sheep and goats.....</b>		<b>55,362,986</b>	<b>All sheep and goats.....</b>		<b>63,374,312</b>	<b>-8,011,326</b>	<b>-12.6</b>
Sheep and lambs.....		52,447,861	Sheep and lambs.....		61,503,713	-9,055,852	-14.7
Ewes born before Jan. 1, 1910.....	Over 3½ months.....	31,933,797	Sheep (ewes) 1 year old and over.	Before June 1, 1899....	31,857,652	76,145	0.2
Rams and wethers born before Jan. 1, 1910.	Over 3½ months.....	7,710,249	Sheep (rams and wethers) 1 year old and over.	Before June 1, 1899....	7,996,315	-285,066	-3.6
Lambs born after Jan. 1, 1910.....	Under 3½ months.....	12,803,815	Lambs under 1 year.....	After June 1, 1899....	21,650,746	-8,846,931	-40.9
Goats and kids (all ages).....		2,915,125	Goats (all ages).....		1,870,599	1,044,526	55.8

<sup>1</sup> A minus sign (—) denotes decrease.

The total number of sheep reported as on farms and ranges on April 15, 1910, was 52,448,000, as compared with 61,504,000 on June 1, 1900, a decrease of 9,056,000, or 14.7 per cent. This decrease, however, is due partly to the change in the date of enumeration. Many lambs are born during the interval between April 15 and June 1. Furthermore, on many ranches in the West the lambs are not definitely counted so early in the year as April 15, and it seems likely that in some such cases ranchmen failed to make any estimate of the lambs.

In view of the fact that, even after making necessary allowances, as discussed below, the number of ewes 1 year of age or over on June 1, 1910, was probably less than 1,000,000 short of the number on the same date in 1900, it seems likely that, if the enumeration of 1910 had been made as of June 1, there would have been nearly as many lambs less than 1 year old as were reported 10 years before, probably in the neighborhood of 21,000,000, as compared with 21,651,000 in 1900. Of these, however, a comparatively small number would have consisted of animals born between June 1, 1909, and January 1, 1910, which are already included, under the classification of 1910, in the returns of ewes and rams and wethers. After deducting these there would probably have remained on June 1, 1910, about 19,000,000 or 20,000,000 spring lambs, or 6,000,000 or 7,000,000 more than the number reported on April 15, which was 12,804,000. The number of

older sheep, however, would, on account of slaughter and deaths from other causes, have been less on June 1 than on April 15—perhaps by between 1,000,000 and 2,000,000. In view of all these considerations, it would seem that, if the enumeration of 1910 had been made as of June 1, there would have been between 56,000,000 and 58,000,000 sheep and lambs, as compared with 61,504,000 on June 1, 1900.

The number of ewes was reported in 1910 as 31,934,000 and in 1900 as 31,858,000, there being thus nominally a slight increase. In order to make the figures comparable, however, it would be necessary to deduct from the number of ewes reported on April 15, 1910, the comparatively small number born between June 1, 1909, and January 1, 1910, which would have been classed as lambs at the census of 1900, and also to deduct the comparatively small number of ewes slaughtered or otherwise eliminated during the six weeks from April 15 to June 1. The whole number to be deducted would probably be less than one million. In the case of rams and wethers, the number to be deducted from the returns of 1910, on account of slaughter between April 15 and June 1, would be relatively greater than in the case of ewes, so that had the date of enumeration and the method of classification been the same at the two censuses a considerably greater decrease would have appeared than is shown in the table.

Despite the change in the date of enumeration, the number of goats and kids increased from 1,871,000 in 1900 to 2,915,000 in 1910.



The following statement shows the value of sheep and goats and the number of farms reporting them:

Table 28	SHEEP. <sup>1</sup>				All goats and kids.
	All sheep and lambs.	Ewes.	Rams and wethers.	Lambs.	
1910—Number.....	52,447,861	31,933,797	7,710,249	12,803,815	2,915,125
Value.....	\$232,841,585	\$164,855,314	\$38,660,830	\$20,325,441	\$6,176,423
Average value.....	\$4.44	\$5.16	\$5.01	\$2.29	\$2.12
Farms reporting.....	610,894	590,878	297,138	470,626	82,755
Per cent of all farms.	9.6	9.3	4.7	7.4	1.3
1900—Number.....	61,503,713	31,837,652	7,995,315	21,650,746	1,870,599
Value.....	\$170,203,119	\$101,288,730	\$26,808,061	\$42,016,328	\$3,205,349
Average value.....	\$2.77	\$3.18	\$3.36	\$1.94	\$1.75

<sup>1</sup> For definition of the subclasses at the two censuses, see preceding table.

Table 29	INCREASE IN NUMBER: 1900 TO 1910 <sup>1</sup>						PER CENT OF TOTAL NUMBER IN UNITED STATES.								AVERAGE NUMBER PER 1,000 ACRES OF LAND IN FARMS.							
	All sheep.		Sheep (exclud- ing lambs).		All goats.		All sheep and goats.		All sheep.		Sheep born before Jan. 1, 1910.	Lambs born after Jan. 1, 1910.	All goats.		All sheep and goats.		All sheep.		Sheep born before Jan. 1, 1910.	Lambs born after Jan. 1, 1910.	All goats.	
	Number.	Per cent.	Number.	Per cent.	Num- ber.	Per cent.	1910	1900	1910	1900			1910	1900	1910	1900	1910	1900			1910	1900
United States.....	-9,055,852	-14.7	-208,921	-0.5	1,044,526	55.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	63	76	60	73	45	15	3	2
New England.....	-491,889	-53.3	-256,774	-45.6	1,016	46.0	0.8	1.5	0.8	1.5	0.8	1.0	0.1	0.1	22	45	22	45	16	6	(?)	(?)
Middle Atlantic.....	-1,480,485	-44.5	-709,907	-36.0	3,376	80.2	3.3	5.3	3.5	5.4	3.2	4.6	0.3	0.2	43	74	43	74	29	14	(?)	(?)
East North Central.....	-1,674,039	-14.9	-365,336	-5.3	9,323	37.3	17.3	17.7	18.2	18.2	16.5	23.5	1.2	1.4	81	97	81	96	55	26	(?)	(?)
West North Central.....	100,729	2.0	369,218	11.7	18,715	19.8	9.4	8.0	9.7	8.1	8.9	12.0	3.9	5.1	22	25	22	25	15	7	(?)	(?)
South Atlantic.....	-185,362	-6.9	-153,501	-9.0	5,812	2.8	4.9	4.6	4.8	4.4	3.9	7.5	7.2	11.0	26	28	24	26	15	9	2	2
East South Central.....	73,182	3.0	24,103	1.6	-12,005	-5.7	4.9	4.2	4.8	3.9	3.8	7.7	6.8	11.3	33	32	31	30	19	12	2	3
West South Central.....	-290,777	-10.6	-176,673	-9.6	544,450	74.4	6.3	5.0	4.2	4.0	4.2	4.1	43.8	39.1	21	18	13	14	10	3	8	4
Mountain.....	-4,195,861	-15.6	1,525,400	8.5	362,752	96.8	42.5	43.1	43.4	43.8	49.2	25.5	25.3	20.0	395	589	383	581	328	55	12	8
Pacific.....	-941,350	-14.4	-465,431	-11.0	110,887	50.0	10.7	10.7	10.7	10.6	9.5	14.2	11.4	11.8	115	143	109	138	74	35	7	5
The North.....	-3,545,684	-17.4	-962,799	-7.6	32,630	25.8	30.8	32.4	32.2	33.2	29.3	41.0	5.5	6.8	41	54	41	53	28	13	(?)	(?)
The South.....	-372,957	-4.9	-305,071	-6.1	538,257	46.9	16.1	13.8	13.7	12.3	11.9	19.3	57.8	61.4	25	24	20	21	13	7	5	3
The West.....	-5,137,211	-15.3	1,059,949	4.8	473,639	79.4	53.2	53.8	54.1	54.5	58.7	39.6	36.7	31.9	266	364	256	357	210	46	10	6
East of Mississippi.....	-3,758,590	-18.3	-1,461,415	-11.6	7,722	1.7	31.2	33.2	32.1	33.5	28.2	44.2	15.6	23.9	47	57	46	56	31	16	1	1
West of Mississippi.....	-5,297,262	-12.9	1,252,494	4.6	1,036,804	72.9	68.8	66.8	67.9	66.5	71.8	55.8	84.4	76.1	74	90	70	87	56	14	5	3

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Less than 1 animal per 1,000 acres of land.

In considering the geographic distribution of the total number of sheep and of goats reported for April 15, 1910, it should be borne in mind that, owing to differences in climatic conditions, the spring lambs and kids are born earlier in some sections than in others. Greater significance attaches to the figures for "mature" sheep. Of the sheep born before January 1, 1910, the Mountain division reported nearly one-half (49.2 per cent) and the East North Central division about one-sixth (16.5 per cent). The North as a whole contained 29.3 per cent, the South 11.9 per cent, and the West 58.7 per cent.

For reasons indicated above there were marked differences in 1910 in the ratios of lambs to ewes in the several divisions. In the East North Central division the number of lambs reported was equal to 54.3 per cent of the number of ewes, and in the Pacific division to 62.7 per cent, whereas in the Mountain division the ratio was only 21.4 per cent.

There are also decided differences among the several divisions with respect to the ratio which the number of rams and wethers bears to the number of ewes, as shown by Table 32. In some divisions most of the male animals are sold for slaughter at an early age, while in others a large proportion are kept for wool.

The distribution of goats is quite different from that of sheep. The leading division is the West South

It will be seen that, despite the decline in the number of sheep, the value of the sheep reported on April 15, 1910, \$232,842,000, was 36.8 per cent greater than the value on June 1, 1900, \$170,203,000. The value of goats and kids nearly doubled during the decade.

**Divisions and states.**—Table 32 (pages 332 and 333) shows, for each geographic division and state, the number and value of sheep and goats at the last two censuses. Table 29 below shows, by geographic divisions and sections, the increase in number during the decade, the per cent distribution, and the average number per 1,000 acres of land in farms:

Central, which reported 43.8 per cent of the total in 1910. Very few goats are found in the North.

The average number of sheep and goats combined per 1,000 acres of land in farms in the United States as a whole was 63 on April 15, 1910, as compared with 76 on June 1, 1900. Of "mature" sheep, the figures for which are more nearly comparable, the average number per 1,000 acres was 45 in 1910, and 48 in 1900. In 1910 there were in the Mountain division 328 sheep born before January 1 per 1,000 acres of land in farms, but it should be noted that many sheep in this division are kept on public range land and not on farms.

Comparisons among the several geographic divisions with respect to the increase or decrease between 1900 and 1910 in the total number of sheep are much less satisfactory than comparisons based on the number of mature sheep. There was a considerable increase in the number of mature sheep of both sexes combined in the Mountain and West North Central divisions, and a small increase in the East South Central division. As shown by Table 32, however, mature ewes decreased in the East North Central division, while rams and wethers decreased in the East South Central division and increased in the East North Central. In all of the divisions except the four above mentioned there was a decrease in both these classes during the decade.



The following statement shows the average value per head of sheep and goats at the last two censuses:

**Table 30**

DIVISION.	AVERAGE VALUE PER HEAD.						
	All sheep.		Ewes.	Rams and wethers.	Lambs born after Jan. 1.	All goats and kids.	
	1910	1900	1910	1910	1910	1910	1900
United States....	\$4.44	\$2.77	\$5.16	\$5.01	\$2.29	\$2.12	\$1.75
New England.....	4.29	2.90	4.99	6.53	2.35	4.77	5.38
Middle Atlantic.....	4.85	3.24	5.98	5.45	2.58	5.51	4.37
East North Central.....	4.09	2.86	5.23	4.88	1.72	3.16	2.69
West North Central.....	4.60	3.22	5.67	5.69	2.14	2.87	3.44
South Atlantic.....	3.61	2.51	4.34	3.58	2.60	1.12	0.85
East South Central.....	3.73	2.64	4.32	3.71	2.92	1.33	0.94
West South Central.....	3.29	2.02	3.70	3.92	1.82	2.12	1.44
Mountain.....	4.90	2.73	5.29	5.28	2.58	2.36	2.05
Pacific.....	4.02	2.60	4.88	4.60	2.38	4.45	2.93

The average value of all sheep per head on April 15, 1910, was \$4.44, as compared with \$2.77 on June 1, 1900. These figures are less significant than those for the "mature" animals alone. The average value of ewes for the country as a whole increased from \$3.18 in 1900 to \$5.16 in 1910, notwithstanding the fact that the average age of the animals classed as ewes was somewhat lower in 1910 than in 1900. The average value of rams and wethers in 1910 was \$5.01, as compared with \$3.36 in 1900. The average value of all goats was \$2.12 in 1910, as compared with \$1.75 in 1900, thus showing a much smaller increase than the value of sheep. An extraordinary range appears in

the average value of goats. In the West South Central division, which leads in the total number of goats, the average value was \$2.13.

For ewes born before 1910 the average value was highest (\$5.98 per head) in the Middle Atlantic division, next highest (\$5.67) in the West North Central division, and lowest (\$3.70) in the West South Central division.

The following statement shows the number of sheep (excluding lambs) at each census from 1880 to 1910. The figures for 1910, as already explained, should be reduced, perhaps by 3 or 4 per cent, in order to make them strictly comparable with the returns for 1900. It is probable that some lambs were included with the sheep at the enumerations of 1880 and 1890. The returns, as given below, would indicate a gradual though slight decrease in the total number of sheep (excluding lambs) during each decade since 1880.

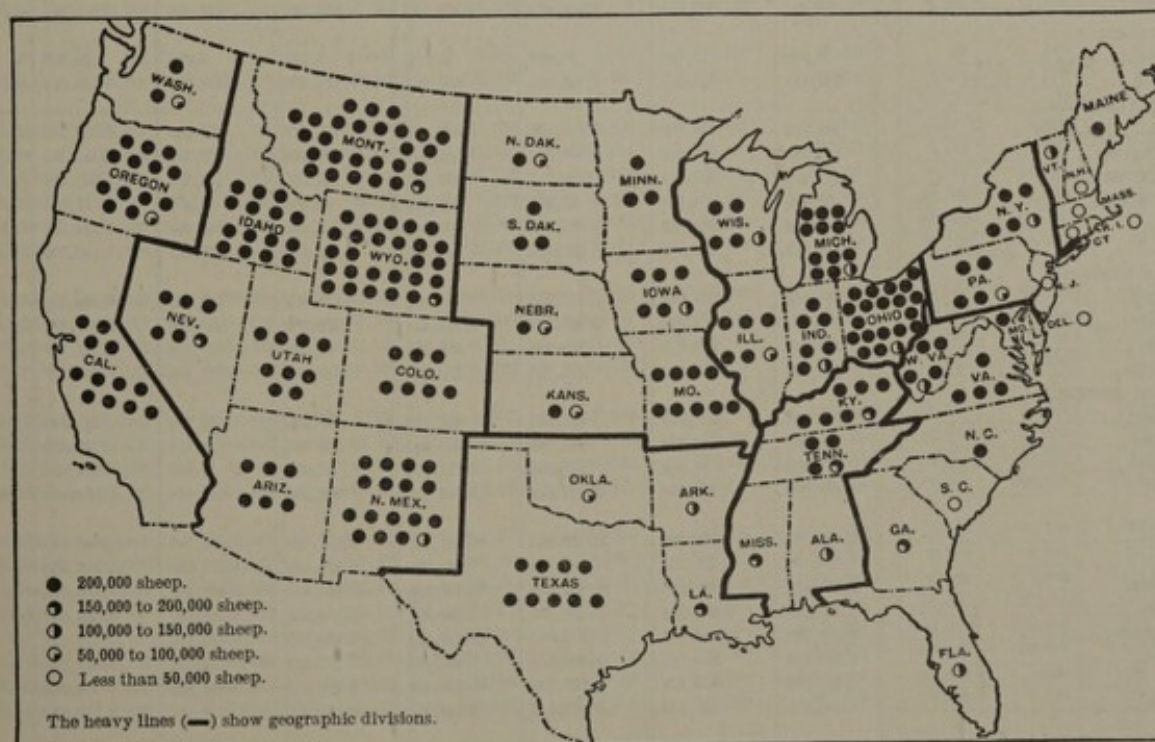
**Table 31**

DIVISION.	SHEEP (EXCLUDING LAMBS).			
	1910	1900	1890	1880
United States.....	39,644,046	39,852,967	40,876,312	42,192,074
New England.....	306,443	563,217	936,632	1,362,234
Middle Atlantic.....	1,290,455	1,970,362	3,196,495	3,608,798
East North Central.....	6,534,854	6,900,190	9,449,783	10,566,290
West North Central.....	3,524,749	3,155,531	2,882,371	3,096,623
South Atlantic.....	1,552,098	1,706,199	2,445,386	2,579,006
East South Central.....	1,513,833	1,489,730	2,316,279	2,308,290
West South Central.....	1,662,445	1,839,118	4,710,918	4,089,021
Mountain.....	19,509,675	17,984,275	19,519,933	17,097,442
Pacific.....	3,778,894	4,244,345	5,418,615	7,454,394

<sup>1</sup> Includes estimated number of sheep on public ranges.

### ALL SHEEP ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.





## ABSTRACT OF THE CENSUS—AGRICULTURE.

## SHEEP AND GOATS ON FARMS—NUMBER AND VALUE OF SHEEP, BY AGE

[See text with reference to date of enumeration and change in classification.]

Table 32	DIVISION OR STATE.	ALL SHEEP.				EWES.			
		Number.		Value.		Number.		Value.	
		1910	1900	1910	1900	1910	1900	1910	1900
1	United States.....	52,447,861	61,503,713	\$232,841,585	\$170,203,119	31,933,797	31,857,652	\$164,855,314	\$101,288,730
2	GEOGRAPHIC DIVISIONS:								
3	New England.....	430,672	922,558	1,846,797	2,679,634	289,454	527,301	1,443,342	1,741,887
4	Middle Atlantic.....	1,844,057	3,324,542	8,934,933	10,767,037	1,057,902	1,732,522	6,325,992	6,490,238
5	East North Central.....	9,542,234	11,216,273	39,009,830	32,130,946	5,536,905	6,006,474	28,966,001	20,692,825
6	West North Central.....	5,065,009	4,964,283	23,287,792	15,980,743	3,053,164	2,669,058	17,313,989	10,268,049
7	South Atlantic.....	2,513,553	2,698,915	9,085,747	6,761,269	1,345,456	1,381,330	5,845,194	3,767,442
8	East South Central.....	2,496,221	2,423,039	9,299,829	6,393,873	1,342,911	1,223,888	5,795,000	3,372,779
9	West South Central.....	2,193,657	2,454,434	7,226,258	4,970,206	1,153,916	1,215,247	4,267,001	2,589,626
10	Mountain.....	22,770,291	26,966,152	111,656,290	73,501,804	15,262,412	13,827,002	80,791,568	42,747,743
11	Pacific.....	5,592,167	6,533,517	22,494,109	17,017,607	2,891,677	3,274,830	14,107,137	9,618,141
12	NEW ENGLAND:								
13	Maine.....	206,434	420,116	813,976	1,116,483	143,738	240,717	655,661	709,720
14	New Hampshire.....	43,772	105,113	192,346	309,451	29,075	61,295	148,381	201,388
15	Vermont.....	118,551	296,576	538,991	881,402	78,996	168,292	430,077	597,117
16	Massachusetts.....	32,708	52,559	156,498	193,596	20,912	30,441	111,140	125,357
17	Rhode Island.....	6,789	11,207	32,637	41,282	3,952	5,901	21,601	22,575
18	Connecticut.....	22,418	36,987	112,349	137,420	12,781	20,655	76,482	85,730
19	MIDDLE ATLANTIC:								
20	New York.....	930,300	1,745,746	4,839,651	5,921,941	568,829	938,315	3,678,912	3,729,631
21	New Jersey.....	30,683	47,730	161,138	202,490	15,719	24,744	93,277	109,540
22	Pennsylvania.....	883,074	1,531,066	3,934,144	4,642,606	473,354	769,463	2,553,803	2,651,067
23	EAST NORTH CENTRAL:								
24	Ohio.....	3,909,162	4,020,628	14,941,381	10,956,308	2,188,951	2,090,093	10,341,577	6,790,239
25	Indiana.....	1,336,967	1,742,002	5,908,496	5,794,976	742,576	940,387	4,400,050	3,770,066
26	Illinois.....	1,059,846	1,030,581	4,843,736	3,706,642	583,487	548,853	3,500,953	2,341,230
27	Michigan.....	2,306,476	2,747,609	9,646,565	7,162,664	1,433,203	1,508,503	7,740,957	4,737,021
28	Wisconsin.....	929,783	1,675,453	3,609,652	4,510,356	588,628	918,638	2,982,554	3,048,269
29	WEST NORTH CENTRAL:								
30	Minnesota.....	637,582	589,878	2,693,424	1,740,088	417,652	329,984	2,190,295	1,205,275
31	Iowa.....	1,145,549	1,056,718	5,748,836	3,956,142	676,687	576,104	4,381,545	2,610,908
32	Missouri.....	1,811,268	1,087,213	7,888,878	3,350,846	1,014,469	587,757	5,707,617	2,060,859
33	North Dakota.....	293,371	681,932	1,257,737	1,987,136	187,249	340,273	913,530	1,193,611
34	South Dakota.....	611,264	775,236	3,002,038	2,434,206	412,648	422,042	2,304,684	1,603,327
35	Nebraska.....	293,500	511,273	1,486,948	1,678,498	177,877	279,073	974,667	1,102,871
36	Kansas.....	272,475	262,013	1,209,931	833,827	166,582	133,825	841,651	491,198
37	SOUTH ATLANTIC:								
38	Delaware.....	7,806	11,765	36,898	43,588	3,924	6,360	19,535	22,899
39	Maryland.....	237,137	191,101	1,142,965	696,531	119,806	101,006	648,094	381,448
40	District of Columbia.....								
41	Virginia.....	804,873	692,929	3,300,026	2,089,779	413,273	353,549	2,022,836	1,135,069
42	West Virginia.....	910,360	968,843	3,400,901	2,664,556	499,064	497,247	2,410,151	1,554,696
43	North Carolina.....	214,473	301,941	559,217	477,421	120,810	164,105	367,950	276,389
44	South Carolina.....	37,559	71,538	81,362	111,770	22,368	40,478	51,845	66,202
45	Georgia.....	187,644	336,278	308,212	438,363	105,041	162,704	184,193	221,603
46	Florida.....	113,701	124,520	256,166	239,261	61,170	55,881	140,590	109,136
47	EAST SOUTH CENTRAL:								
48	Kentucky.....	1,363,013	1,297,343	5,573,998	4,191,205	723,682	647,838	3,469,817	2,172,170
49	Tennessee.....	795,033	496,011	3,009,196	1,179,424	429,902	256,032	1,897,706	651,780
50	Alabama.....	142,930	317,053	299,919	488,299	80,276	157,830	181,767	259,428
51	Mississippi.....	195,245	312,632	416,716	534,945	109,051	162,188	245,710	289,401
52	WEST SOUTH CENTRAL:								
53	Arkansas.....	144,189	256,929	327,984	437,317	80,285	130,700	211,703	240,681
54	Louisiana.....	178,287	219,844	343,046	333,040	100,494	114,414	210,300	185,840
55	Oklahoma.....	62,472	188,363	253,864	1,217,732	41,609	145,959	192,834	1,125,588
56	Texas.....	1,808,709	1,889,298	6,301,364	3,982,117	931,528	924,174	3,652,164	2,037,517
57	MOUNTAIN:								
58	Montana.....	5,380,746	6,170,483	29,028,069	18,165,404	3,251,686	2,995,795	18,090,188	10,105,384
59	Idaho.....	3,010,478	3,121,532	15,897,192	8,294,776	1,810,944	1,611,090	11,294,338	4,947,388
60	Wyoming.....	5,397,161	5,099,613	29,666,228	16,310,096	3,954,463	2,498,914	22,938,391	9,391,096
61	Colorado.....	1,426,214	2,044,814	6,856,187	5,584,897	1,111,336	1,089,680	5,465,629	3,417,731
62	New Mexico.....	3,346,984	4,899,487	12,072,037	10,643,514	2,359,565	2,850,876	9,149,625	6,828,816
63	Arizona.....	1,226,733	924,761	4,400,514	1,901,764	752,413	452,271	3,031,764	1,061,358
64	Utah.....	1,827,180	3,818,423	8,634,735	10,256,488	1,340,595	1,893,802	6,709,594	5,695,818
65	Nevada.....	1,154,795	887,039	5,101,328	2,344,865	681,410	434,574	3,512,039	1,300,152
66	PACIFIC:								
67	Washington.....	475,555	929,873	1,931,170	2,450,929	226,377	459,158	1,121,445	1,382,745
68	Oregon.....	2,099,135	3,040,291	12,213,942	7,563,447	1,447,785	1,480,282	8,070,909	4,188,763
69	California.....	2,417,477	2,563,353	8,348,997	7,003,231	1,217,515	1,335,390	4,914,783	4,046,633

\* Includes Indian Territory.



# LIVE STOCK ON FARMS AND ELSEWHERE.

333

AND SEX GROUPS, AND OF GOATS, BY DIVISIONS AND STATES: 1910 AND 1900.

[See text with reference to date of enumeration and change in classification.]

	RAMS AND WETHERS.				LAMBS.				ALL GOATS AND KIDS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	7,710,249	7,995,315	\$38,660,830	\$26,898,061	12,803,815	21,650,746	\$29,325,441	\$42,016,328	2,915,125	1,870,599	\$6,176,423	\$3,265,349
2	16,989	35,916	110,942	147,519	124,229	359,341	292,513	790,228	3,195	2,179	18,426	11,715
3	202,553	237,840	1,104,926	925,126	583,002	1,254,180	1,504,015	3,351,673	7,588	4,212	41,834	18,309
4	997,949	893,716	4,873,680	3,283,882	3,007,380	4,316,083	5,170,039	8,154,239	35,069	25,536	110,771	68,595
5	471,585	486,479	2,681,105	2,003,162	1,540,260	1,808,752	3,292,698	3,709,532	113,215	94,500	324,714	325,176
6	207,242	324,869	742,315	755,264	960,855	962,716	2,498,238	2,238,563	211,101	205,289	235,758	173,764
7	170,922	265,842	633,565	640,381	982,388	933,309	2,871,264	2,380,713	198,647	210,652	264,565	198,543
8	508,529	623,871	1,994,385	1,540,070	531,212	615,316	964,872	840,510	1,276,231	731,781	2,719,066	1,050,654
9	4,247,263	4,157,273	22,439,895	14,430,839	3,260,616	8,981,877	8,424,827	16,323,222	737,644	374,892	1,738,171	769,536
10	887,217	960,515	4,080,017	3,171,818	1,813,273	2,289,172	4,306,955	4,227,648	332,445	221,558	723,128	648,967
11	6,196	11,496	32,643	42,057	56,500	167,903	125,672	364,706	582	279	2,177	1,091
12	2,126	4,023	12,551	15,538	12,571	39,795	31,414	92,525	495	208	3,459	916
13	5,364	13,875	41,028	58,264	34,191	114,409	67,886	226,021	261	102	1,033	444
14	1,787	3,428	13,898	16,719	10,009	18,690	31,460	51,520	1,251	1,254	7,990	7,188
15	254	728	1,912	3,553	2,583	4,578	9,124	15,154	106	23	982	131
16	1,262	2,366	8,910	11,388	8,375	13,966	26,957	40,302	500	313	2,785	1,945
17	37,290	46,201	281,814	252,127	324,181	761,230	878,925	1,940,183	3,475	1,316	21,432	6,442
18	1,076	1,619	8,341	9,384	13,888	21,267	59,520	83,566	574	699	4,614	3,006
19	164,187	190,020	814,771	663,615	245,533	571,583	565,570	1,327,924	3,539	2,197	15,788	8,951
20	701,212	558,157	3,074,571	1,795,218	1,018,999	1,372,378	1,525,233	2,370,851	5,379	5,432	17,843	16,975
21	69,851	70,261	435,658	337,709	524,540	731,354	1,072,788	1,681,201	7,290	4,484	20,905	8,920
22	74,997	80,297	463,735	375,515	401,362	401,431	879,048	989,897	12,435	8,877	38,564	19,932
23	111,978	117,427	679,784	490,322	761,235	1,121,679	1,225,824	1,935,321	5,080	2,861	14,192	10,008
24	39,911	67,574	219,932	285,118	301,244	689,241	467,166	1,176,969	4,875	3,882	19,267	12,760
25	34,419	29,344	193,642	124,256	185,511	230,550	309,487	410,557	4,588	3,821	18,480	12,908
26	93,230	81,764	587,375	399,619	375,632	398,850	779,916	945,615	20,664	41,468	64,239	146,708
27	101,720	75,946	594,295	290,638	695,079	423,510	1,586,966	999,349	72,415	24,487	187,409	64,786
28	54,143	111,164	244,907	412,119	51,979	230,515	99,300	381,406	1,074	1,122	5,618	5,308
29	88,393	85,296	473,063	355,828	110,223	267,898	224,291	475,051	2,337	2,915	11,422	15,050
30	62,239	56,877	380,679	245,269	53,384	175,323	131,602	330,358	3,290	2,399	11,945	9,126
31	37,441	46,082	207,144	175,433	68,452	82,106	161,136	167,196	8,847	18,288	25,601	71,290
32	491	694	2,698	2,610	3,391	4,801	14,665	18,079	88	143	328	519
33	6,445	10,514	38,791	46,835	110,886	79,581	456,080	268,248	1,182	1,179	5,115	4,023
34									9			39
35	25,446	38,576	154,771	136,929	366,154	300,804	1,122,419	817,781	7,327	5,305	28,286	10,002
36	67,888	75,492	314,500	242,289	343,408	306,104	676,250	867,571	5,748	847	20,682	2,123
37	19,260	44,707	53,509	76,109	74,403	93,129	137,758	124,923	35,019	42,901	43,039	37,997
38	5,558	11,958	12,594	20,203	9,633	19,102	16,923	25,365	24,750	26,576	27,728	24,450
39	48,209	96,190	82,959	132,597	34,394	77,384	41,060	84,163	89,616	84,624	70,059	61,972
40	33,945	46,828	82,493	97,692	18,586	21,811	33,083	32,433	47,371	43,705	40,521	32,639
41	54,472	68,320	276,335	239,384	584,859	581,185	1,827,826	1,779,651	29,809	11,967	61,665	19,753
42	40,435	51,772	186,379	137,901	324,096	188,207	925,111	389,743	43,500	25,884	82,666	38,038
43	28,836	71,468	64,959	124,718	33,818	87,755	53,193	104,153	79,347	117,413	76,361	94,258
44	47,179	74,282	105,872	138,378	39,015	76,162	65,134	107,166	45,871	55,388	43,873	45,594
45	16,232	38,061	41,478	73,128	47,672	88,168	74,803	123,508	58,294	51,839	84,938	58,788
46	38,814	54,820	84,321	97,454	38,979	50,610	48,425	49,746	57,102	38,308	57,354	35,697
47	7,287	15,224	31,682	45,761	13,576	127,180	29,348	146,383	25,591	14,301	62,687	132,392
48	446,196	515,766	1,836,904	1,323,727	430,985	449,358	812,296	620,873	1,135,244	627,333	2,514,977	923,777
49	1,708,149	1,219,419	9,347,063	4,253,491	420,911	1,955,269	990,818	3,806,529	5,045	1,713	22,416	7,879
50	299,386	354,377	1,898,361	1,193,622	900,148	1,156,065	2,704,493	2,153,766	5,719	4,481	36,697	29,167
51	872,102	828,271	5,193,297	3,317,543	570,596	1,772,428	1,534,540	3,601,457	2,739	2,666	16,128	11,884
52	194,260	263,143	1,089,087	1,022,872	120,618	691,991	301,471	1,144,294	31,611	37,433	80,644	73,141
53	535,419	482,867	2,107,914	1,444,135	452,000	1,565,744	814,498	2,370,563	412,050	224,136	939,702	472,961
54	164,187	216,187	635,520	491,578	310,133	256,303	733,230	348,828	246,617	98,403	555,327	167,863
55	330,295	659,332	1,502,373	2,241,804	156,290	1,265,289	422,768	2,318,866	29,014	1,427	75,547	2,702
56	143,465	133,677	666,280	465,794	329,920	318,788	923,009	578,919	4,849	4,633	11,710	12,948
57	68,887	98,864	331,798	339,544	180,291	371,851	477,927	728,640	8,621	2,876	31,662	10,757
58	510,557	481,073	2,421,320	1,455,064	740,793	1,078,936	1,721,513	1,919,620	185,411	109,661	370,637	375,229
59	307,773	389,578	1,326,699	1,377,210	892,189	838,385	2,107,515	1,579,388	138,413	109,021	320,829	262,981



## POULTRY ON FARMS.

The change in the date of enumeration from June 1, at the census of 1900, to April 15, at the census of 1910, should have no very material effect upon the comparability of the statistics of poultry, for the reason that according to the schedules used at both

censuses only fowls 3 months of age or over were to be reported.

The following table shows for 1910 and 1900 the principal facts with regard to each class of fowls in the United States as a whole:

Table 33	All fowls.	Chickens.	Turkeys.	Ducks.	Geese.	Guinea fowls.	Pigeons.	Peafowls.	Ostriches.
1910—Number	295,880,190	280,345,133	3,688,708	2,906,525	4,431,980	1,765,031	2,730,994	6,458	5,361
Value	\$154,663,220	\$140,205,607	\$6,605,818	\$1,567,164	\$3,194,507	\$613,282	\$762,374	\$18,328	\$1,096,140
Average value	\$0.52	\$0.50	\$1.79	\$0.54	\$0.72	\$0.35	\$0.28	\$2.84	\$316.39
Farms reporting	5,885,032	5,578,525	871,123	503,704	662,324	339,538	109,407	1,807	29
Per cent of all farms	87.8	87.7	13.7	7.9	10.4	5.3	1.7	( <sup>1</sup> )	( <sup>1</sup> )
1900—Number	250,624,038	233,566,021	6,594,695	4,785,850	5,676,788	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	684

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Included with chickens.

<sup>3</sup> Not reported.

The total number of all fowls reported at the census of 1910 was 295,880,000, of which 280,345,000, or 94.7 per cent, consisted of chickens. The number of fowls reported in 1900 was 250,624,000. Excluding pigeons and peafowls, which were not reported in 1900, there was an increase between 1900 and 1910 of 42,519,000, or 17 per cent. The increase was wholly confined to chickens, as there was a marked decrease in turkeys, ducks, and geese. The total value of all fowls in 1910 was \$154,663,000, or an average of 52

cents per fowl, while the total value in 1900 was \$85,808,000, or an average of 34 cents per fowl, the average value having thus increased 52.9 per cent. The average values of the separate classes of poultry were not reported in 1900.

The following table gives, for each geographic division and section, statistics as to the number and value of the different kinds of fowls reported. It shows also what percentage of the total number was found in each division.

DIVISION OR SECTION.	CHICKENS.				TURKEYS.				DUCKS.				
	Number.			Value.	Number.			Value.	Number.			Value.	
	1910	1900 <sup>1</sup>	Per ct. of increase.		1910	1900	Per ct. of increase. <sup>2</sup>		1910	1900	Per ct. of increase. <sup>2</sup>		1910
United States.....	280,345,133	233,566,021	20.0	\$140,205,607	3,688,708	6,594,695	-44.1	\$6,605,818	2,906,525	4,785,850	-39.3	\$1,567,164	
New England.....	6,841,918	6,440,678	6.2	4,975,551	24,255	40,851	-48.2	74,725	51,929	91,421	-43.2	51,014	
Middle Atlantic.....	24,449,500	21,511,436	13.7	16,346,161	252,546	483,081	-47.7	628,191	369,706	362,159	2.1	295,835	
East North Central.....	69,471,413	58,104,189	19.6	36,609,410	701,342	1,501,307	-53.3	1,330,198	545,672	1,018,726	-46.4	319,815	
West North Central.....	85,192,651	65,364,879	30.3	41,207,295	833,472	1,571,149	-47.0	1,563,291	809,620	1,397,601	-42.1	411,787	
South Atlantic.....	25,627,003	22,293,912	15.0	11,894,700	526,518	810,975	-35.1	906,226	330,054	458,918	-28.1	151,377	
East South Central.....	24,495,054	22,965,751	6.7	10,272,636	483,741	792,170	-38.9	792,289	344,453	559,111	-38.4	129,862	
West South Central.....	29,176,294	27,333,880	6.7	10,393,418	620,791	1,084,212	-42.7	771,598	348,852	697,937	-50.0	127,488	
Mountain.....	5,467,343	3,116,639	75.4	3,005,103	86,703	81,408	6.5	183,042	42,242	51,477	-17.9	32,407	
Pacific.....	9,623,957	6,434,657	49.6	5,501,333	159,340	223,542	-28.7	356,258	63,997	148,500	-56.9	47,579	
The North.....	185,955,482	151,421,182	22.8	99,138,417	1,811,615	3,602,388	-49.7	3,596,405	1,776,927	2,809,907	-38.1	1,078,451	
The South.....	79,298,351	72,593,543	9.2	32,560,754	1,631,050	2,687,357	-39.3	2,470,113	1,023,359	1,715,966	-40.4	408,727	
The West.....	15,091,300	9,551,296	58.0	8,506,436	246,043	304,950	-19.3	539,300	106,239	199,977	-46.9	79,986	
East of the Mississippi.....	150,884,888	131,315,966	14.9	80,098,458	1,988,402	3,634,384	-45.3	3,731,629	1,641,814	2,490,335	-34.1	947,903	
West of the Mississippi.....	129,460,245	102,250,055	26.6	60,107,149	1,700,306	2,960,311	-42.6	2,874,189	1,264,711	2,295,515	-44.9	619,261	

DIVISION OR SECTION.	GEESSE.			GUINEA FOWLS. <sup>3</sup>		PIGEONS. <sup>4</sup>		PEAFAWLS. <sup>4</sup>		PER CENT OF TOTAL NUMBER IN UNITED STATES.													
	Number.		Per ct. of increase. <sup>2</sup>	Number.	Value.	Number.	Value.	Number.	Value.	All fowls.		Chickens and guinea fowls.		Turkeys.		Ducks.		Geese.					
	1910	1900								1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States.....	4,431,980	5,676,788	-21.9	\$3,194,507	1,765,031	\$613,282	2,730,994	\$762,374	6,458	\$18,328	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
New England.....	27,202	27,296	-0.3	57,553	37,852	25,805	95,451	53,468	29	285	2.4	2.6	2.4	2.8	0.7	0.7	1.8	1.9	0.6				
Middle Atlantic.....	84,797	117,231	-27.7	140,328	166,729	81,501	680,996	281,768	351	1,601	8.8	9.0	8.7	9.2	6.8	7.3	12.7	7.6	1.9				
East North Central.....	638,907	933,817	-31.6	656,291	232,312	77,197	351,162	76,744	574	1,343	24.3	24.6	24.7	24.9	19.0	22.8	18.8	21.3	14.4				
West North Central.....	961,045	965,209	-0.4	862,561	223,998	75,129	662,492	103,051	1,210	3,254	30.0	27.6	30.3	28.0	22.6	23.8	27.9	29.2	17.0				
South Atlantic.....	679,872	908,908	-25.2	402,756	413,032	143,165	280,517	91,279	1,175	2,704	9.4	9.8	9.2	9.5	14.3	12.3	11.4	9.6	15.3				
East South Central.....	1,145,929	1,534,894	-25.3	548,150	342,026	104,202	105,930	23,013	1,416	3,046	9.1	10.3	8.8	9.8	13.1	12.0	11.9	11.7	25.9				
West South Central.....	824,120	1,054,270	-21.8	425,262	333,408	95,715	197,155	31,501	1,120	3,149	10.6	12.0	10.5	11.7	16.8	16.4	12.0	14.6	18.6				
Mountain.....	26,946	15,676	71.9	45,451	8,383	5,247	72,741	19,536	220	1,177	1.9	1.3	1.9	1.3	2.4	1.2	1.5	1.1	0.6				
Pacific.....	43,162	119,487	-63.9	56,155	7,291	5,261	284,530	82,014	363	2,169	3.4	2.8	3.4	2.8	4.3	3.4	2.2	3.1	1.0				
The North.....	1,711,951	2,043,553	-16.2	1,716,733	660,891	259,692	1,790,101	515,031	2,164	6,483	65.5	63.8	66.1	64.8	49.1	54.6	61.1	60.0	38.6				
The South.....	2,649,921	3,498,072	-24.2	1,376,168	1,088,466	343,082	583,622	145,793	3,711	8,329	29.2	32.1	28.5	31.1	44.2	40.8	35.2	35.9	59.8				
The West.....	70,108	135,163	-48.1	101,606	15,674	10,508	357,271	101,550	583	2,946	5.4	4.1	5.4	4.1	6.7	4.6	3.7	4.2	1.6				
East of the Mississippi.....	2,576,707	3,522,146	-26.8	1,805,078	1,191,951	431,930	1,514,076	526,272	3,545	8,979	54.0	56.2	53.9	56.2	53.9	55.1	56.5	52.0	58.1				
West of the Mississippi.....	1,855,273	2,154,642	-13.9	1,389,429	573,080	181,352	1,216,918	236,102	2,913	9,349	46.0	43.8	46.1	43.8	46.1	44.9	43.5	48.0	41.9				

<sup>1</sup> Includes guinea fowls.

<sup>2</sup> A minus sign (-) denotes decrease.

<sup>3</sup> Included with chickens in 1900.

<sup>4</sup> Not reported in 1900.



It will be seen that in 1910 the West North Central division reported 30 per cent of the total number of fowls in the country. The East North Central division ranked next with 24.3 per cent, and the West South Central next with 10.6 per cent. There has been no marked change in the distribution of fowls since 1900. The distribution of the number of chickens and guinea fowls naturally corresponds more or less closely with that of all fowls, but the distribution of turkeys, ducks, and geese is somewhat different.

The absolute increase in number of chickens between 1900 and 1910 was greatest in the West North Central division, but the percentage of increase was not so high in that division as in the Mountain and Pacific divisions. The two South Central divisions show relatively low percentages of increase in the number of chickens. In nearly every division the number of turkeys, of ducks, and of geese fell off.

Table 35 in the next column shows the average value of fowls on farms. In the case of chickens, turkeys, and ducks the average values in 1910 were lowest in the West South Central division and highest in New England. New England also shows the highest

average for geese, while the lowest is that for the East South Central division. The average value of fowls of all classes combined shows a marked increase from 1900 to 1910 in every division.

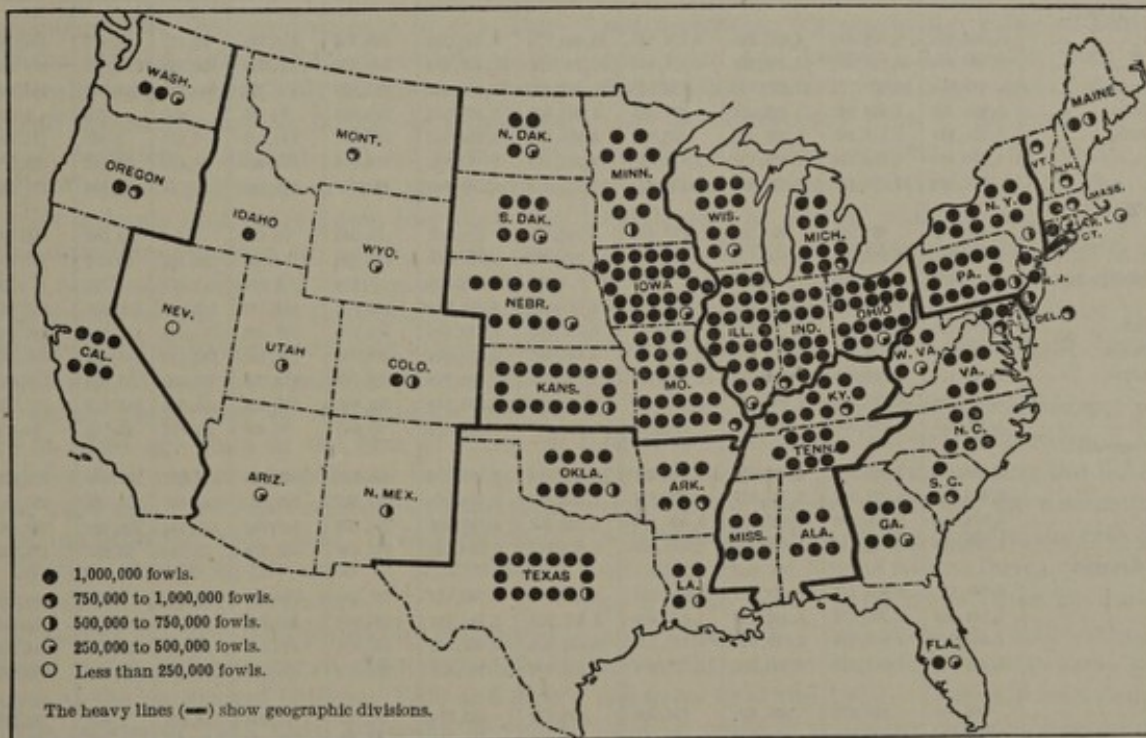
Table 35

DIVISION.	AVERAGE VALUE OF ALL FOWLS.		AVERAGE VALUE: 1910							
	1910	1900	Chickens.	Turkeys.	Ducks.	Geese.	Guinea fowls.	Pigeons.	Poultry.	Ostriches.
United States.....	\$0.52	\$0.34	\$0.50	\$1.79	\$0.54	\$0.72	\$0.35	\$0.28	\$2.84	\$316.39
New England.....	0.74	0.55	0.73	3.08	0.98	2.12	0.68	0.56	9.83	.....
Middle Atlantic.....	0.68	0.45	0.67	2.49	0.80	1.65	0.49	0.41	4.56	.....
East North Central.....	0.54	0.34	0.53	1.90	0.59	1.03	0.33	0.22	3.34	.....
West North Central.....	0.50	0.33	0.48	1.88	0.51	0.90	0.34	0.16	3.09	.....
South Atlantic.....	0.49	0.35	0.46	1.72	0.46	0.59	0.35	0.33	2.30	427.17
East South Central.....	0.44	0.31	0.42	1.64	0.38	0.48	0.30	0.22	2.15	.....
West South Central.....	0.38	0.25	0.36	1.24	0.37	0.52	0.29	0.16	2.81	393.08
Mountain.....	0.82	0.42	0.55	2.11	0.77	1.69	0.63	0.27	5.35	338.88
Pacific.....	0.62	0.45	0.57	2.24	0.74	1.30	0.72	0.29	4.87	211.96

Table 36 (page 336) shows, for each geographic division and state, the number and value of all fowls on farms at the censuses of 1910 and 1900, together with the number of chickens and guinea fowls combined and the number of turkeys, ducks, and geese combined.

## ALL FOWLS ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.





## ABSTRACT OF THE CENSUS—AGRICULTURE.

## POULTRY AND BEES ON FARMS—NUMBER AND VALUE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 36 DIVISION OR STATE.	ALL FOWLS. <sup>1</sup>				CHICKENS AND GUINEA FOWLS.		TURKEYS, DUCKS, AND GESE.		COLONIES OF BEES.			
	Number.		Value.		Number.		Number.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States.....	295,880,190	250,624,038	\$154,663,220	\$85,807,818	282,110,164	233,566,021	11,027,213	17,057,333	3,445,006	4,108,239	\$10,373,615	\$10,178,087
GEOGRAPHIC DIVISIONS:												
New England.....	7,078,636	6,606,246	5,238,461	3,611,068	6,879,770	6,440,678	103,386	165,568	40,627	50,713	195,939	206,151
Middle Atlantic.....	26,004,625	22,473,907	17,775,385	10,095,094	24,616,229	21,511,436	707,049	962,471	291,659	362,996	1,166,587	1,164,581
East North Central.....	71,941,382	61,558,039	39,070,998	20,819,936	69,703,725	58,104,189	1,885,921	3,453,850	545,938	654,979	1,800,931	1,897,163
West North Central.....	88,684,488	69,298,838	44,226,368	22,596,723	85,416,649	65,364,879	2,604,137	3,933,959	546,083	532,877	1,729,683	1,608,512
South Atlantic.....	27,858,263	24,472,713	13,631,507	8,545,899	26,040,035	22,293,912	1,536,444	2,178,801	678,439	854,909	1,574,577	1,664,636
East South Central.....	26,918,569	25,851,926	11,873,198	8,063,673	24,837,080	22,965,751	1,974,123	2,886,175	506,962	730,234	1,117,145	1,459,835
West South Central.....	31,501,899	30,170,335	11,910,631	7,612,990	29,509,702	27,333,880	1,793,763	2,836,419	379,842	559,150	997,825	1,033,562
Mountain.....	5,708,606	3,265,650	4,656,963	1,362,014	5,475,726	3,116,639	155,891	148,561	172,654	146,452	784,056	492,539
Pacific.....	10,183,722	6,926,384	6,279,709	3,099,851	9,631,248	6,434,657	266,499	491,529	282,192	215,899	1,006,832	631,108
NEW ENGLAND:												
Maine.....	1,735,962	1,585,564	1,131,921	756,153	1,718,240	1,564,853	13,280	20,711	7,592	10,857	40,357	51,459
New Hampshire.....	924,859	877,939	649,121	467,104	907,807	870,461	6,939	7,478	4,644	5,520	23,503	24,665
Vermont.....	938,524	843,163	607,787	421,195	915,526	806,451	18,759	36,712	10,215	12,836	44,349	46,953
Massachusetts.....	1,798,380	1,680,693	1,492,961	1,018,119	1,715,435	1,625,269	38,111	55,424	7,404	8,381	39,683	35,751
Rhode Island.....	415,209	520,514	368,018	305,047	396,981	500,618	8,353	19,896	1,267	1,681	6,138	6,795
Connecticut.....	1,265,702	1,098,373	988,653	644,050	1,225,781	1,073,026	17,924	25,347	9,445	11,438	41,830	40,528
MIDDLE ATLANTIC:												
New York.....	10,678,836	9,352,412	7,879,388	4,310,755	10,265,939	8,964,736	300,755	387,676	156,369	187,208	646,848	593,784
New Jersey.....	2,597,448	2,076,514	2,221,610	1,300,853	2,342,451	1,993,594	59,254	82,920	10,484	14,118	41,560	39,219
Pennsylvania.....	12,728,341	11,044,981	7,674,387	4,483,486	12,007,839	10,553,106	347,040	491,875	124,815	161,670	478,179	531,578
EAST NORTH CENTRAL:												
Ohio.....	17,342,289	15,018,352	9,532,672	5,085,921	16,994,166	14,269,525	382,328	748,827	98,242	151,391	275,726	402,561
Indiana.....	13,789,109	11,949,821	7,762,015	4,222,409	13,273,585	11,163,066	463,354	846,815	80,938	117,148	230,478	278,864
Illinois.....	21,409,835	17,737,262	11,696,650	6,415,033	20,647,947	16,600,728	617,469	1,136,534	155,846	179,953	487,733	486,164
Michigan.....	9,967,039	8,405,060	5,610,958	2,885,829	9,724,713	8,033,531	202,778	371,529	115,274	100,397	446,464	352,469
Wisconsin.....	9,433,110	8,447,544	4,468,703	2,410,714	9,153,314	8,097,399	219,982	350,145	95,638	106,090	360,530	377,105
WEST NORTH CENTRAL:												
Minnesota.....	10,697,075	8,142,693	4,646,960	2,274,649	10,304,776	7,730,940	346,765	411,753	56,677	45,877	221,781	167,280
Iowa.....	23,482,880	20,043,343	12,269,881	6,535,464	22,730,118	18,907,673	564,669	1,135,670	160,025	138,811	517,329	443,923
Missouri.....	20,897,208	16,076,713	11,870,972	5,720,359	19,992,410	14,902,601	832,570	1,113,112	203,599	205,110	584,549	508,217
North Dakota.....	3,268,109	1,489,380	1,485,463	477,358	3,097,092	1,409,285	132,015	80,995	495	279	3,098	1,474
South Dakota.....	5,251,348	3,178,285	2,356,465	856,966	4,936,814	3,028,700	199,527	149,535	6,565	2,063	31,650	10,088
Nebraska.....	9,351,830	7,812,239	4,219,158	2,374,930	9,033,353	7,417,837	214,016	394,402	45,625	52,143	152,676	199,563
Kansas.....	15,736,038	12,556,185	7,377,469	4,356,997	15,321,486	11,966,843	314,675	589,342	73,737	88,594	218,612	277,967
SOUTH ATLANTIC:												
Delaware.....	876,081	665,282	560,146	357,475	798,345	628,866	23,082	36,416	6,410	10,187	13,609	20,244
Maryland.....	2,908,958	2,305,645	1,858,570	1,158,020	2,702,403	2,113,544	134,098	192,101	23,156	28,013	61,003	61,013
District of Columbia.....	8,349	8,293	6,477	3,108	7,433	8,004	196	289	151	59	790	199
Virginia.....	6,099,581	5,041,470	3,395,962	1,886,768	5,738,011	4,590,311	321,930	451,159	104,005	139,064	302,623	308,417
West Virginia.....	3,310,155	3,053,071	1,628,760	963,805	3,121,055	2,739,585	181,300	293,486	110,673	111,417	388,937	375,622
North Carolina.....	5,053,870	4,379,961	2,212,570	1,434,158	4,643,447	3,871,858	384,000	508,103	189,178	244,539	386,683	429,868
South Carolina.....	2,946,414	2,908,319	1,206,615	889,953	2,778,122	2,664,784	139,713	243,535	75,422	13,958	134,622	142,677
Georgia.....	5,328,584	4,926,452	2,088,653	1,458,055	4,991,612	4,549,144	293,480	377,308	130,549	187,919	187,242	242,769
Florida.....	1,326,271	1,184,220	673,814	394,557	1,259,607	1,107,816	58,645	76,404	38,895	39,753	98,468	83,827
EAST SOUTH CENTRAL:												
Kentucky.....	8,764,204	7,855,468	4,461,871	2,723,221	8,047,178	6,849,079	686,930	1,006,389	152,991	203,820	419,379	527,098
Tennessee.....	8,056,145	6,971,737	3,757,337	2,275,864	7,410,314	6,184,210	627,493	787,527	144,482	225,788	340,619	486,536
Alabama.....	5,028,104	5,186,536	1,807,239	1,409,269	4,708,474	4,737,606	286,233	448,930	135,140	205,369	212,921	287,598
Mississippi.....	5,070,116	5,838,185	1,846,751	1,655,319	4,671,114	5,194,856	373,467	643,329	74,350	95,257	144,226	158,603
WEST SOUTH CENTRAL:												
Arkansas.....	5,788,570	6,092,876	2,063,432	1,540,006	5,234,957	5,393,157	537,028	699,719	92,731	111,138	200,040	204,340
Louisiana.....	3,542,447	4,299,479	1,326,614	1,057,889	3,291,128	3,890,563	226,258	408,916	29,591	35,231	58,188	54,316
Oklahoma.....	8,501,237	4,916,598	3,713,943	1,416,127	8,093,918	4,487,838	346,904	428,740	19,413	20,137	64,261	45,423
Texas.....	13,669,645	14,861,382	4,806,642	3,598,968	12,889,699	13,562,302	683,573	1,299,044	238,107	392,644	675,327	749,483
MOUNTAIN:												
Montana.....	966,690	556,679	628,436	296,806	923,173	531,774	31,731	24,905	6,313	1,801	32,112	8,139
Idaho.....	1,053,876	540,099	598,190	203,127	1,013,401	516,412	32,016	23,597	21,903	19,240	100,148	64,994
Wyoming.....	341,050	149,564	194,078	60,397	325,365	142,136	11,002	7,428	4,596	1,020	20,493	5,322
Colorado.....	1,721,445	1,017,120	1,012,251	393,219	1,648,246	968,761	43,135	48,359	71,434	59,756	308,609	195,096
New Mexico.....	531,625	163,015	256,466	62,419	511,845	156,853	10,780	6,162	10,052	6,164	46,300	20,802
Arizona.....	268,762	174,972	1,545,966	103,298	253,118	165,200	8,023	9,322	23,770	18,991	104,374	66,603
Utah.....	691,941	556,753	327,908	186,922	673,911	534,842	14,716	21,911	26,185	33,818	123,568	111,452
Nevada.....	133,217	107,538	93,668	55,826	126,667	100,661	4,488	6,877	8,401	5,692	48,453	20,131
PACIFIC:												
Washington.....	2,272,775	1,356,715	1,367,440	614,838	2,205,934	1,196,639	44,086	160,076	33,884	30,870	126,895	106,841
Oregon.....	1,823,680	1,373,203	1,067,743	582,524	1,756,340	1,290,818	51,555	82,385	47,285	55,585	150,164	160,382
California.....	6,087,267	4,196,466	3,844,526	1,902,489	5,668,974	3,947,200	170,858	249,068	201,023	129,444	729,793	363,885

<sup>1</sup> Includes number and value of pigeons, peafowls, and ostriches in 1910, and number and value of ostriches in 1900.<sup>2</sup> Includes Indian Territory.

Pigeons and peafowls not enumerated prior to 1910.



## BEES ON FARMS.

The number of colonies of bees and their value at the censuses of 1910 and 1900 are shown, by divisions and states, in Table 36 (page 336) in connection with the statistics for poultry. In the United States as a whole there were reported 3,445,000 colonies of bees on farms in 1910, as compared with 4,108,000 in 1900, a decrease of 663,000 colonies, or 16.1 per cent. There was, however, a slight increase in the total value. The average value per colony increased from \$2.48 to \$3.01. The number of farms reporting bees also decreased materially, being 586,000 in 1910 as against 707,000 in 1900. Such farms represented 9.2 per cent of the total number of farms in 1910, as compared with 12.3 per cent in 1900. The average number of colonies per farm reporting was 5.9 in 1910, or practically the same as in 1900.

Table 37 shows the percentage of the total number of colonies of bees in each geographic division and the average value per colony.

The South Atlantic division reported in 1910 almost one-fifth of the entire number of colonies of bees in the United States, a larger proportion than any other geographic division. The other divisions which

rank relatively high in bee culture are the West North Central, East North Central, East South Central, and West South Central, in the order named. The Mountain and Pacific divisions, however, reported a decidedly larger proportion of the total number of colonies in 1910 than in 1900. The average value per colony in 1910 ranged from \$4.82 in the New England division and \$4.54 in the Mountain division to \$2.20 in the East South Central division; in every division it was higher in 1910 than in 1900, the change being most marked in the Mountain and Middle Atlantic divisions.

Table 37

DIVISION.	PER CENT OF TOTAL COLONIES.		AVERAGE VALUE PER COLONY.	
	1910	1900	1910	1900
United States.....	100.0	100.0	\$3.01	\$2.48
New England.....	1.2	1.2	4.82	4.07
Middle Atlantic.....	8.5	8.8	4.00	3.21
East North Central.....	15.8	15.9	3.30	2.90
West North Central.....	15.9	13.0	3.16	3.02
South Atlantic.....	19.7	20.8	2.32	1.95
East South Central.....	14.7	17.8	2.20	2.00
West South Central.....	11.0	13.6	2.03	1.88
Mountain.....	5.0	3.6	4.54	3.36
Pacific.....	8.2	5.3	3.57	2.92

## DOMESTIC ANIMALS NOT ON FARMS.

In compliance with the requirements of the Thirteenth Census act the Census Bureau collects statistics of domestic animals, not only on farms, but also in barns and inclosures not on farms—in cities and villages and elsewhere. Animals not on farms consist mainly of those kept more or less permanently, such as draft animals and dairy cows, but they also include considerable numbers of cattle, sheep, and swine which are temporarily held in cities and villages pending slaughter or sale. The statistics for the several classes are not subdivided according to age groups in this bulletin. It may be stated, however, that a relatively larger proportion of the animals not on farms are of adult age than in the case of those on farms, and for this reason comparison between the censuses of 1900 and 1910, with reference to the total number of animals of each kind, is less seriously affected by the change in the date of enumeration than in the case of animals on farms.

Table 38 (pages 338 and 339) shows, by geographic divisions and states, the number of domestic animals not on farms at the censuses of 1910 and 1900 and their value at the census of 1910 only, statistics of value for such animals not having been collected in 1900.

As might be expected, draft animals are relatively much more important in cities and villages than other domestic animals. Of the total value of domestic animals not on farms in 1910, \$463,280,000, or nearly

seven-eighths, represents the value of horses, mules, and asses and burros. All cattle, with a value of \$60,816,000, made up the larger part of the remainder.

It is noteworthy that in each of the four geographic divisions constituting the North there was a decline between 1900 and 1910 in the number of cattle not on farms, while in each of the five geographic divisions constituting the South and West there was an increase. The same statement holds true with regard to horses, except that a slight increase took place in the number of horses in the Middle Atlantic division.

Differences in the ratio which urban population bears to rural population and differences in the rate of growth in urban population among the different divisions of the country doubtless have something to do with the differences among them in the rate of increase of cattle and of horses not on farms. In the country as a whole urban population (that is, that in cities and villages of 2,500 or more inhabitants) increased more than three times as fast as rural population between 1900 and 1910. It should be noted, however, that in many of the larger cities increasing stringency of sanitary regulations has tended to reduce the number of cattle kept for dairy purposes, and also that in the larger cities the increased use of automobiles has tended to reduce the number of horses and other draft animals.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## DOMESTIC ANIMALS NOT ON FARMS—VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY

[See text with reference to date of enumeration.]

Table 38		VALUE OF ALL DOMESTIC ANIMALS: 1910	CATTLE.			HORSES.			MULES.		
DIVISION OR STATE.	Number.		Value.	Number.		Value.	Number.		Value.		
	1910		1900	1910	1910	1900	1910	1910	1900	1910	
1 United States.....	\$536,361,526	1,878,782	1,616,422	\$60,816,261	3,182,789	2,936,881	\$422,204,393	270,371	173,908	\$39,374,534	
GEOGRAPHIC DIVISIONS:											
2 New England.....	40,439,958	50,495	57,171	2,050,638	238,037	271,001	37,866,415	834	657	140,493	
3 Middle Atlantic.....	121,903,902	153,719	173,305	5,919,042	626,990	609,383	110,424,383	25,127	25,199	3,910,140	
4 East North Central.....	105,497,651	283,200	325,728	10,710,926	732,992	740,389	89,083,221	24,933	16,500	3,309,826	
5 West North Central.....	84,646,348	317,753	342,153	11,120,590	571,221	572,584	65,775,491	31,054	26,376	4,467,994	
6 South Atlantic.....	45,348,963	233,996	148,418	6,520,006	203,928	158,550	28,690,522	55,285	26,259	8,225,466	
7 East South Central.....	33,796,963	258,464	174,616	7,475,455	143,383	119,172	18,400,120	45,229	29,760	6,617,499	
8 West South Central.....	51,212,264	399,326	269,383	10,609,804	297,686	212,109	29,974,135	64,625	38,792	8,758,252	
9 Mountain.....	22,162,408	96,917	56,637	3,396,552	161,211	108,036	16,372,221	9,491	5,909	1,285,061	
10 Pacific.....	31,353,069	84,912	69,011	3,013,248	207,341	136,657	25,617,885	13,793	4,396	2,159,803	
NEW ENGLAND:											
11 Maine.....	4,796,026	9,700	15,623	362,654	29,622	34,011	4,341,987	67	50	15,106	
12 New Hampshire.....	2,584,475	4,473	5,079	166,658	18,101	22,367	2,363,802	45	30	5,500	
13 Vermont.....	2,581,230	5,876	8,401	207,608	18,806	20,365	2,305,409	192	31	28,458	
14 Massachusetts.....	20,482,394	19,896	18,451	875,189	115,186	133,619	19,423,642	271	490	44,778	
15 Rhode Island.....	3,372,254	2,654	1,643	117,436	17,802	19,980	3,206,056	76	9	13,795	
16 Connecticut.....	6,623,579	7,896	7,974	321,093	38,520	40,659	6,225,519	183	47	32,856	
MIDDLE ATLANTIC:											
17 New York.....	63,722,021	47,508	55,555	2,017,616	303,256	305,937	60,371,030	3,490	1,866	720,716	
18 New Jersey.....	17,523,864	14,512	17,405	680,897	96,384	83,191	16,476,601	1,519	1,123	259,491	
19 Pennsylvania.....	40,658,017	91,699	100,345	3,220,529	227,350	220,255	33,576,732	20,118	22,210	2,923,933	
EAST NORTH CENTRAL:											
20 Ohio.....	25,221,650	62,388	64,612	2,240,857	188,041	189,965	21,669,209	6,840	4,772	843,667	
21 Indiana.....	16,697,433	54,157	52,619	2,144,226	120,632	128,229	13,445,162	5,710	4,423	709,362	
22 Illinois.....	34,791,066	77,255	115,034	3,223,121	234,629	242,919	28,833,742	10,838	6,468	1,523,689	
23 Michigan.....	15,700,343	47,385	49,292	1,745,203	100,238	102,539	13,660,280	700	380	105,514	
24 Wisconsin.....	13,087,159	42,015	44,171	1,357,519	89,452	85,737	11,474,828	845	457	127,594	
WEST NORTH CENTRAL:											
25 Minnesota.....	12,862,351	53,946	47,412	1,721,245	83,654	85,660	10,809,499	1,017	827	172,823	
26 Iowa.....	17,929,607	61,705	79,880	2,229,183	123,370	154,775	14,628,589	3,477	5,238	472,190	
27 Missouri.....	20,814,834	75,941	84,270	2,720,956	132,068	129,513	14,919,261	15,245	12,742	2,184,510	
28 North Dakota.....	3,415,679	12,429	9,653	401,580	22,214	16,114	2,854,134	716	235	117,747	
29 South Dakota.....	4,942,544	17,033	15,375	534,208	34,622	24,945	4,157,070	794	509	127,465	
30 Nebraska.....	10,361,943	40,488	43,999	1,469,662	69,762	68,621	7,758,501	2,859	2,800	399,200	
31 Kansas.....	14,319,390	56,211	61,564	2,043,756	105,531	92,956	10,648,437	6,946	4,025	994,059	
SOUTH ATLANTIC:											
32 Delaware.....	1,213,301	1,172	1,240	43,647	7,219	6,702	1,092,074	353	297	51,180	
33 Maryland.....	7,195,972	14,710	14,064	484,112	40,121	39,734	5,932,420	3,569	2,223	566,987	
34 District of Columbia.....	1,786,985	629	615	27,532	11,604	11,599	1,589,340	1,154	276	167,553	
35 Virginia.....	6,835,454	36,661	28,391	1,078,182	35,908	28,094	4,549,316	6,629	3,102	948,963	
36 West Virginia.....	4,941,574	31,524	15,762	1,053,931	22,256	18,067	2,912,306	6,508	3,495	781,927	
37 North Carolina.....	6,293,163	36,528	20,899	996,410	26,702	15,780	3,700,148	8,436	3,176	1,302,476	
38 South Carolina.....	3,790,112	22,396	15,259	657,496	14,517	9,855	2,157,501	5,474	2,832	889,082	
39 Georgia.....	9,162,242	63,172	37,886	1,530,692	31,528	21,104	4,701,251	15,556	7,600	2,653,081	
40 Florida.....	4,130,160	27,204	14,302	648,004	14,073	7,585	2,036,166	7,606	3,258	1,364,227	
EAST SOUTH CENTRAL:											
41 Kentucky.....	10,330,988	55,719	36,491	2,398,411	49,462	45,548	6,156,048	11,061	7,445	1,431,117	
42 Tennessee.....	10,307,140	55,292	50,370	1,606,067	43,753	39,216	6,079,213	14,302	10,591	2,167,605	
43 Alabama.....	7,483,063	75,297	49,736	1,730,548	26,965	18,675	3,454,633	12,907	7,362	2,028,359	
44 Mississippi.....	5,675,772	72,156	38,019	1,740,429	23,203	15,733	2,710,226	6,959	4,362	990,418	
WEST SOUTH CENTRAL:											
45 Arkansas.....	6,631,812	63,632	45,740	1,374,753	33,040	25,510	3,595,799	9,728	7,383	1,358,306	
46 Louisiana.....	6,625,811	57,900	29,336	1,292,087	33,281	26,345	3,177,907	12,226	7,012	1,967,804	
47 Oklahoma.....	11,685,338	72,980	26,892	1,971,439	77,852	35,823	7,691,073	11,696	5,027	1,511,603	
48 Texas.....	26,209,303	204,814	167,415	5,971,525	153,513	124,431	15,509,356	30,975	19,370	3,920,539	
MOUNTAIN:											
49 Montana.....	3,474,331	11,200	6,458	400,723	24,366	17,275	2,833,966	491	361	72,560	
50 Idaho.....	3,058,357	10,040	5,683	357,699	20,620	12,208	2,512,517	679	507	110,680	
51 Wyoming.....	1,488,409	4,536	2,686	160,415	10,484	9,371	1,145,358	728	820	114,069	
52 Colorado.....	7,255,060	30,498	20,653	1,392,350	48,129	36,763	5,157,786	3,324	2,412	501,886	
53 New Mexico.....	1,775,512	13,649	4,931	343,242	17,350	9,725	1,083,447	1,529	637	176,470	
54 Arizona.....	1,562,564	8,529	2,338	203,017	15,031	6,390	1,121,618	1,321	731	162,976	
55 Utah.....	2,667,162	16,459	12,931	481,140	18,287	13,002	1,865,027	488	161	59,901	
56 Nevada.....	883,013	2,006	1,057	57,966	6,944	3,362	632,502	931	340	86,529	
PACIFIC:											
57 Washington.....	7,558,077	21,730	19,121	820,526	44,617	22,459	6,350,366	1,804	407	289,192	
58 Oregon.....	4,997,977	17,006	15,296	588,005	30,203	20,027	4,124,678	1,377	510	232,230	
59 California.....	18,797,015	46,176	34,694	1,604,717	132,521	94,171	15,142,841	10,612	3,479	1,638,381	

\* Includes Indian Territory.



## LIVE STOCK ON FARMS AND ELSEWHERE.

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CLASSES, IN 1910, WITH NUMBER OF EACH CLASS, IN 1910 AND 1900, BY DIVISIONS AND STATES.

[See text with reference to date of enumeration.]

Table 38—Continued.		ASSES AND BURROS.			SHEEP.			GOATS.			SWINE.		
		Number.		Value.	Number.		Value.	Number.		Value.	Number.		Value.
		1910	1900		1910	1900		1910	1900		1910		
				1910			1900			1910		1900	1910
1	United States.....	16,502	15,847	\$1,701,346	390,887	231,301	\$1,822,943	114,670	78,353	\$365,749	1,287,960	1,818,114	\$10,076,260
GEOGRAPHIC DIVISIONS:													
2	New England.....	96	108	5,687	7,495	11,113	32,394	1,399	935	10,519	32,063	44,193	333,812
3	Middle Atlantic.....	387	1,100	30,137	28,392	38,416	186,390	8,932	11,344	62,820	142,821	235,476	1,370,900
4	East North Central.....	934	1,057	172,035	55,472	79,802	303,820	6,747	7,055	29,679	179,397	391,936	1,888,144
5	West North Central.....	2,198	2,198	602,617	53,650	24,617	322,838	3,115	3,190	15,484	223,522	434,074	2,341,334
6	South Atlantic.....	524	675	75,578	10,195	15,829	28,434	9,663	7,391	27,827	230,418	229,204	1,281,130
7	East South Central.....	974	1,366	180,156	12,360	16,278	38,763	9,661	8,750	21,340	192,852	211,508	1,063,630
8	West South Central.....	3,750	3,275	435,583	8,058	14,639	23,399	22,245	17,770	46,703	238,836	220,725	1,364,388
9	Mountain.....	6,395	5,440	106,558	145,922	8,725	631,322	43,322	17,846	111,020	28,549	16,265	259,674
10	Pacific.....	1,244	628	93,035	69,343	21,822	255,583	9,586	4,072	40,357	19,502	34,733	173,158
NEW ENGLAND:													
11	Maine.....	19	18	1,460	2,023	7,093	7,331	39	36	227	5,668	9,545	67,261
12	New Hampshire.....	5	11	170	345	589	1,756	59	45	389	4,012	5,759	46,200
13	Vermont.....	2	5	100	201	945	1,269	20	49	133	3,522	5,420	38,253
14	Massachusetts.....	36	55	1,587	4,329	2,259	18,792	643	493	4,829	12,010	17,219	113,577
15	Rhode Island.....	8	1	380	108	78	558	243	75	1,968	2,969	1,360	32,061
16	Connecticut.....	26	18	1,990	489	149	2,688	395	237	2,973	3,882	4,890	36,460
MIDDLE ATLANTIC:													
17	New York.....	144	421	15,427	23,608	18,048	156,874	2,523	3,046	20,861	32,316	52,176	413,497
18	New Jersey.....	55	78	2,898	207	10,301	3,049	2,111	1,750	16,503	9,264	25,954	84,425
19	Pennsylvania.....	188	601	11,812	4,577	10,067	26,467	4,298	6,548	25,456	101,241	157,346	873,068
EAST NORTH CENTRAL:													
20	Ohio.....	139	212	14,294	8,868	9,393	38,505	1,134	1,149	6,852	47,125	97,226	408,266
21	Indiana.....	243	226	53,466	5,633	6,309	25,647	922	797	3,434	36,549	77,395	316,136
22	Illinois.....	412	429	94,263	31,069	54,891	191,308	1,900	2,984	10,253	70,973	166,944	914,690
23	Michigan.....	74	89	6,001	6,453	5,474	32,231	2,116	603	6,128	13,894	22,908	144,986
24	Wisconsin.....	66	101	4,011	3,449	3,795	16,129	675	1,522	3,012	10,856	27,463	104,066
WEST NORTH CENTRAL:													
25	Minnesota.....	100	55	20,608	2,162	4,128	10,497	373	288	2,076	10,365	17,845	125,603
26	Iowa.....	199	503	52,227	1,306	2,857	7,154	417	807	1,857	45,427	128,138	538,407
27	Missouri.....	710	658	191,447	17,850	8,707	106,515	1,422	988	5,191	78,557	109,678	686,954
28	North Dakota.....	23	18	7,655	1,188	439	5,156	133	58	1,073	2,461	3,016	28,334
29	South Dakota.....	65	43	18,563	884	428	5,023	105	54	563	7,426	9,133	99,652
30	Nebraska.....	326	308	96,604	20,029	6,026	140,495	304	384	1,719	42,379	93,094	495,762
31	Kansas.....	775	613	215,513	10,331	2,032	47,998	361	611	3,005	36,907	73,170	366,622
SOUTH ATLANTIC:													
32	Delaware.....	4	4	795	15	11	75	39	62	165	3,729	4,130	25,365
33	Maryland.....	55	72	10,525	671	2,975	3,242	384	384	2,331	24,424	41,910	176,355
34	District of Columbia.....	6	1	485	1	30	3	78	64	587	170	332	1,485
35	Virginia.....	71	209	10,480	2,882	2,685	9,522	513	1,010	2,253	38,771	52,829	236,748
36	West Virginia.....	56	58	8,720	1,358	1,836	5,133	255	672	1,542	25,406	22,185	178,015
37	North Carolina.....	74	92	9,205	1,579	1,122	3,115	1,744	1,124	6,222	50,241	40,009	275,587
38	South Carolina.....	54	54	5,836	369	522	1,100	1,044	681	3,144	13,017	12,030	75,953
39	Georgia.....	162	126	25,380	2,914	5,762	5,409	3,257	2,046	7,375	52,562	40,157	239,054
40	Florida.....	42	59	4,152	406	886	835	2,349	1,348	4,208	22,098	15,622	72,568
EAST SOUTH CENTRAL:													
41	Kentucky.....	245	379	47,585	1,954	3,489	8,626	907	636	3,651	40,117	54,452	285,550
42	Tennessee.....	453	543	85,914	3,487	3,266	12,525	2,066	1,457	6,367	55,729	82,912	349,449
43	Alabama.....	141	200	16,387	1,783	6,404	4,241	4,918	4,762	8,200	53,283	51,018	240,095
44	Mississippi.....	135	244	30,270	5,136	3,119	13,371	1,770	1,895	3,122	43,723	23,126	187,936
WEST SOUTH CENTRAL:													
45	Arkansas.....	269	254	51,505	1,187	2,666	2,945	2,084	1,777	4,453	56,173	53,010	244,051
46	Louisiana.....	112	270	8,974	2,602	2,099	6,003	3,775	2,091	8,824	40,564	24,392	164,212
47	Oklahoma.....	671	1,305	172,460	261	1,378	796	1,485	1,525	5,254	48,404	130,056	332,713
48	Texas.....	2,698	2,446	202,644	4,008	9,496	13,655	14,901	13,377	28,172	93,695	113,267	623,412
MOUNTAIN:													
49	Montana.....	22	17	8,155	33,579	97	128,146	60	10	402	2,538	933	30,379
50	Idaho.....	41	229	8,234	7,874	1,044	42,047	94	19	820	2,851	3,467	26,360
51	Wyoming.....	28	52	425	11,080	152	58,082	541	3	2,795	743	139	7,275
52	Colorado.....	1,362	2,029	29,265	8,473	763	36,694	4,008	3,946	11,852	13,957	3,047	125,227
53	New Mexico.....	1,662	1,567	18,454	23,938	3,060	74,487	24,410	12,216	61,626	2,312	1,440	15,786
54	Arizona.....	2,878	1,466	27,270	1,131	123	2,817	12,779	1,591	29,783	1,304	712	15,083
55	Utah.....	53	39	6,810	39,789	3,415	216,443	1,368	42	3,490	4,252	6,036	34,351
56	Nevada.....	349	41	7,945	20,658	71	72,606	62	19	252	592	491	5,213
PACIFIC:													
57	Washington.....	114	23	32,105	2,957	1,115	17,451	789	132	3,694	4,274	5,569	44,763
58	Oregon.....	73	45	15,816	1,755	2,476	5,580	1,684	334	4,034	3,060	5,135	27,634
59	California.....	1,057	560	45,114	64,631	18,231	232,572	7,113	3,606	32,629	12,168	24,029	100,761

\* Includes Indian Territory.



## DOMESTIC ANIMALS ON FARMS AND NOT ON FARMS—VALUE OF DOMESTIC ANIMALS ON AND NOT ON

[See text with reference to date of enumeration.]

Table 39	DIVISION OR STATE.	VALUE OF ALL DOMESTIC ANIMALS: 1910	CATTLE.			HORSES.			MULES.		
			Number.		Value.	Number.		Value.	Number.		Value.
			1910	1900	1910	1910	1900	1910	1910	1900	1910
1	United States.....	\$5,296,421,619	63,682,648	69,335,832	\$1,560,339,868	23,015,902	21,203,901	\$2,505,792,588	4,480,140	3,438,523	\$544,766,397
GEOGRAPHIC DIVISIONS:											
2	New England.....	132,902,281	1,387,045	1,663,786	44,291,487	592,792	656,697	81,924,491	2,563	2,052	423,421
3	Middle Atlantic.....	452,117,315	4,386,240	4,906,525	144,604,295	1,856,676	1,922,826	270,535,686	77,543	71,459	11,606,450
4	East North Central.....	1,040,953,904	10,102,297	10,858,042	282,655,046	5,134,434	4,871,843	578,373,706	284,356	232,038	34,713,897
5	West North Central.....	1,590,364,249	17,965,467	20,431,252	460,774,897	7,365,413	6,244,392	819,287,782	746,986	561,493	95,012,349
6	South Atlantic.....	396,677,021	5,073,317	4,580,168	96,059,538	1,315,115	1,229,620	150,049,647	804,542	581,388	116,524,796
7	East South Central.....	389,840,927	4,200,990	3,843,137	82,876,734	1,287,982	1,305,211	136,471,419	1,049,033	889,411	131,726,037
8	West South Central.....	628,138,956	11,120,338	14,471,525	213,849,304	2,646,715	2,450,833	212,592,335	1,351,003	977,579	154,108,610
9	Mountain.....	405,434,549	6,157,642	5,972,536	149,666,101	1,588,268	1,432,612	128,978,449	58,448	32,798	6,512,505
10	Pacific.....	259,992,417	3,289,312	2,608,861	85,562,466	1,228,507	1,089,867	127,579,073	105,666	99,305	14,138,332
NEW ENGLAND:											
11	Maine.....	28,785,587	266,223	354,470	8,147,038	137,196	140,310	18,706,743	425	403	87,552
12	New Hampshire.....	13,822,239	172,304	231,871	5,406,780	64,330	77,233	7,630,191	240	127	35,181
13	Vermont.....	24,571,800	436,190	510,341	12,036,500	99,587	105,896	10,896,766	621	362	81,998
14	Massachusetts.....	39,091,106	272,312	304,395	10,223,265	179,469	208,653	28,095,639	539	788	88,163
15	Rhode Island.....	6,274,570	36,802	37,677	1,426,524	27,349	31,370	4,630,233	139	47	24,950
16	Connecticut.....	19,756,919	203,214	225,032	7,051,380	84,861	93,235	11,964,919	599	325	105,577
MIDDLE ATLANTIC:											
17	New York.....	238,282,679	2,470,511	2,651,944	85,079,858	894,264	934,375	140,414,332	7,542	5,179	1,377,213
18	New Jersey.....	39,849,333	237,511	257,389	9,074,014	185,306	177,215	28,489,113	5,560	6,011	881,265
19	Pennsylvania.....	173,985,303	1,678,218	1,997,192	50,450,423	777,106	811,236	101,632,241	64,441	60,269	9,347,972
EAST NORTH CENTRAL:											
20	Ohio.....	212,744,974	1,899,995	2,117,925	53,644,198	1,098,265	1,068,170	120,579,847	29,690	21,543	3,619,498
21	Indiana.....	182,564,611	1,417,173	1,737,097	41,254,718	934,276	879,944	100,563,630	87,878	71,140	10,387,376
22	Illinois.....	331,410,219	2,517,832	3,219,044	76,677,866	1,687,516	1,593,138	192,197,142	158,671	131,112	19,664,024
23	Michigan.....	147,446,091	1,545,208	1,425,700	42,245,521	710,271	689,098	84,972,754	4,400	3,296	599,339
24	Wisconsin.....	166,787,409	2,722,089	2,358,276	68,832,743	704,106	641,493	80,060,333	3,717	4,947	443,660
WEST NORTH CENTRAL:											
25	Minnesota.....	169,634,206	2,401,581	1,918,737	52,027,617	836,838	782,129	99,878,371	6,792	9,166	905,546
26	Iowa.....	398,131,193	4,509,711	5,447,510	121,093,322	1,615,596	1,547,348	192,627,713	59,001	60,985	8,024,008
27	Missouri.....	294,181,496	2,637,423	3,062,859	75,604,620	1,205,455	1,096,550	128,895,824	357,945	296,261	45,623,212
28	North Dakota.....	110,176,996	756,191	667,087	18,112,978	672,813	376,062	86,315,873	8,411	7,115	1,266,748
29	South Dakota.....	129,783,554	1,552,309	1,562,175	36,791,442	703,984	505,713	77,600,048	13,218	7,313	1,796,082
30	Nebraska.....	228,210,993	2,972,838	3,220,242	74,543,719	1,078,140	863,039	110,563,408	86,264	57,924	10,773,276
31	Kansas.....	260,245,811	3,135,614	4,552,642	82,601,199	1,252,587	1,072,651	123,406,545	215,355	122,729	26,623,477
SOUTH ATLANTIC:											
32	Delaware.....	7,456,669	56,158	55,420	1,691,980	40,284	36,424	4,543,865	6,288	5,042	815,313
33	Maryland.....	37,845,933	302,461	306,710	8,353,638	195,559	188,728	22,739,887	26,236	19,734	3,610,568
34	District of Columbia.....	1,932,558	1,611	2,077	102,837	12,168	12,453	1,644,366	1,207	357	173,413
35	Virginia.....	78,028,297	895,728	853,903	22,202,253	366,332	326,616	39,406,926	66,651	50,576	8,544,469
36	West Virginia.....	46,260,010	651,812	655,544	16,914,695	202,247	203,285	21,495,687	18,225	14,849	2,121,687
37	North Carolina.....	66,343,894	737,389	645,417	13,546,464	192,853	174,933	22,128,282	183,147	138,786	25,002,163
38	South Carolina.....	47,580,255	412,278	358,157	7,745,755	94,364	88,274	12,304,679	160,945	120,201	24,719,443
39	Georgia.....	87,280,340	1,143,488	937,377	15,591,650	151,595	148,511	18,895,090	310,904	214,921	46,627,692
40	Florida.....	23,949,065	872,392	765,563	9,910,266	59,713	50,396	6,890,865	30,939	16,922	4,910,048
EAST SOUTH CENTRAL:											
41	Kentucky.....	122,936,400	1,056,656	1,119,739	28,369,982	492,496	497,245	50,952,168	236,104	198,110	27,833,207
42	Tennessee.....	116,915,262	1,051,821	962,553	22,296,785	393,462	391,604	45,399,257	290,157	264,248	37,268,415
43	Alabama.....	71,057,737	1,007,725	849,470	15,200,174	162,601	171,318	17,105,917	260,033	199,432	33,605,576
44	Mississippi.....	78,931,528	1,084,788	911,375	17,009,793	239,423	245,044	23,014,077	262,719	218,621	33,018,839
WEST SOUTH CENTRAL:											
45	Arkansas.....	78,426,298	1,091,703	940,275	16,835,419	287,756	279,100	26,748,008	231,928	182,384	28,486,333
46	Louisiana.....	49,940,494	862,695	699,631	12,897,441	214,567	220,717	14,967,602	143,780	150,982	17,592,766
47	Oklahoma.....	160,338,321	2,026,540	3,236,008	45,159,040	820,811	557,153	71,342,734	268,762	117,562	30,129,827
48	Texas.....	339,433,843	7,139,400	9,595,611	138,957,404	1,323,581	1,303,863	99,533,991	706,533	526,651	77,899,684
MOUNTAIN:											
49	Montana.....	88,473,990	954,347	974,845	27,874,845	340,322	347,247	29,949,730	4,665	3,090	517,838
50	Idaho.....	52,135,328	463,847	369,217	11,688,338	218,392	182,328	22,344,940	4,715	2,300	591,981
51	Wyoming.....	66,872,968	771,963	689,970	22,857,802	166,546	144,914	13,572,196	2,773	2,047	362,634
52	Colorado.....	76,095,545	1,158,235	1,453,971	32,409,653	342,164	273,309	32,540,712	18,063	9,196	2,300,421
53	New Mexico.....	44,965,425	1,065,312	996,790	20,753,207	196,875	140,878	8,951,761	16,466	5,948	1,639,482
54	Arizona.....	25,939,094	833,458	744,873	14,827,725	114,609	131,453	5,331,344	5,284	4,808	562,425
55	Utah.....	30,997,377	428,793	356,621	9,429,842	133,963	128,886	11,864,862	2,765	2,277	217,398
56	Nevada.....	19,954,822	451,687	386,249	9,824,689	75,397	83,597	4,422,904	3,717	3,132	320,329
PACIFIC:											
57	Washington.....	54,928,852	423,850	414,044	13,013,991	325,189	266,444	36,031,215	13,989	3,097	2,065,490
58	Oregon.....	63,241,898	742,261	715,599	18,158,690	301,911	307,959	29,305,821	11,304	7,956	1,418,018
59	California.....	141,821,667	2,123,201	1,479,218	54,389,785	601,407	515,464	62,242,037	80,373	88,252	10,654,825

1 Includes Indian Territory.



## LIVE STOCK ON FARMS AND ELSEWHERE.

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FARMS, BY CLASSES, IN 1910, WITH NUMBER OF EACH CLASS, IN 1910 AND 1900, BY DIVISIONS AND STATES.

[See text with reference to date of enumeration.]

Table 39—Continued.												
DIVISION OR STATE.	ASSES AND BURROS.			SHEEP.			GOATS.			SWINE.		
	Number.		Value.	Number.		Value.	Number.		Value.	Number.		Value.
	1910	1900	1910	1910	1900	1910	1910	1900	1910	1910	1900	1910
1 United States.....	122,200	110,012	\$14,901,498	52,838,748	61,735,014	\$234,664,528	3,029,795	1,948,952	\$6,542,172	59,473,636	64,686,155	\$409,414,568
GEOGRAPHIC DIVISIONS:												
2 New England.....	243	288	18,510	438,167	933,671	1,879,191	4,594	3,114	28,945	428,705	406,392	4,336,236
3 Middle Atlantic.....	1,072	2,057	117,111	1,872,449	3,362,968	9,121,323	16,520	15,556	104,654	1,933,642	2,195,483	16,027,796
4 East North Central.....	6,360	5,367	1,130,733	9,597,706	11,296,135	39,313,650	41,806	32,591	140,450	14,640,456	16,439,187	104,626,422
5 West North Central.....	24,452	17,778	5,540,772	5,118,659	4,988,900	23,610,630	116,330	97,690	340,198	21,505,031	24,861,112	185,797,621
6 South Atlantic.....	3,897	2,976	549,786	2,523,748	2,714,744	9,114,181	220,764	212,680	263,585	6,194,338	5,791,966	24,115,488
7 East South Central.....	16,703	19,069	2,527,610	2,508,581	2,439,317	9,338,592	208,308	219,402	285,905	5,631,458	6,836,856	26,614,630
8 West South Central.....	33,510	25,629	3,576,926	2,201,715	2,469,073	7,249,657	1,298,476	749,551	2,765,759	7,260,781	6,623,204	33,996,365
9 Mountain.....	31,404	33,528	766,518	22,916,213	26,974,877	112,287,612	780,966	392,738	1,849,191	669,460	415,945	5,374,173
10 Pacific.....	4,557	3,320	673,532	5,661,510	6,555,339	22,749,692	342,031	225,630	763,485	1,209,765	1,096,010	8,525,837
NEW ENGLAND:												
11 Maine.....	41	66	5,188	208,457	427,209	821,307	621	315	2,404	92,824	88,563	1,015,355
12 New Hampshire.....	35	38	1,763	44,117	103,702	194,102	554	253	3,848	49,249	56,970	550,374
13 Vermont.....	24	30	2,138	118,752	297,521	540,260	281	151	1,166	98,343	100,510	1,013,032
14 Massachusetts.....	57	106	3,364	37,037	54,818	175,290	1,894	1,747	12,819	115,028	96,144	1,092,566
15 Rhode Island.....	19	6	1,010	6,897	11,285	33,195	349	98	2,950	17,007	12,868	155,708
16 Connecticut.....	67	42	5,047	22,907	37,136	115,037	895	550	5,758	56,254	51,337	509,201
MIDDLE ATLANTIC:												
17 New York.....	428	759	53,689	953,908	1,763,794	4,996,525	5,998	4,362	42,293	698,495	728,815	6,318,769
18 New Jersey.....	108	121	8,172	30,890	58,031	164,187	2,685	2,449	21,117	156,269	201,341	1,211,465
19 Pennsylvania.....	536	1,177	55,250	887,651	1,541,133	3,960,611	7,837	8,745	41,244	1,078,878	1,265,327	8,497,562
EAST NORTH CENTRAL:												
20 Ohio.....	627	462	75,854	3,918,030	4,030,021	14,979,886	6,513	6,581	24,695	3,152,752	3,285,789	19,820,996
21 Indiana.....	1,889	1,234	344,683	1,342,600	1,748,311	5,934,143	8,212	5,281	24,339	3,650,455	3,840,784	24,055,722
22 Illinois.....	3,275	2,938	662,457	1,090,915	1,085,472	5,035,044	14,335	11,861	48,817	4,757,335	6,082,412	37,124,869
23 Michigan.....	307	184	29,933	2,312,929	2,753,083	9,678,796	7,196	3,464	20,320	1,259,727	1,188,108	9,900,028
24 Wisconsin.....	262	529	17,806	933,232	1,679,248	3,685,781	5,550	5,404	22,279	1,820,187	2,042,094	13,724,807
WEST NORTH CENTRAL:												
25 Minnesota.....	319	216	43,465	639,744	594,006	2,703,921	4,961	4,109	20,556	1,530,622	1,458,651	14,054,730
26 Iowa.....	1,813	2,335	332,439	1,146,755	1,059,575	5,755,990	21,081	42,275	66,096	7,591,280	9,851,929	70,231,625
27 Missouri.....	13,587	9,435	3,245,320	1,829,118	1,095,920	7,995,393	73,837	25,475	192,600	4,516,751	4,634,342	32,624,527
28 North Dakota.....	156	114	30,570	294,559	682,391	1,262,893	1,207	1,180	6,691	334,064	194,814	3,181,243
29 South Dakota.....	398	238	90,191	612,148	775,664	3,007,061	2,442	2,969	11,985	1,017,147	832,253	10,486,745
30 Nebraska.....	2,444	1,040	544,239	313,529	517,299	1,627,443	3,594	2,783	13,664	3,478,103	4,221,094	30,145,244
31 Kansas.....	5,735	4,400	1,254,548	282,806	264,045	1,257,929	9,208	18,899	28,606	3,037,064	3,668,029	25,073,507
SOUTH ATLANTIC:												
32 Delaware.....	22	19	4,770	7,821	11,776	36,973	127	205	493	52,989	50,862	363,275
33 Maryland.....	156	141	45,975	237,808	194,076	1,146,207	1,566	1,563	7,446	326,007	359,812	1,942,212
34 District of Columbia.....	6	1	485	1	30	78	73	587	835	1,134	10,867	10,867
35 Virginia.....	854	621	132,134	807,755	695,614	3,309,548	7,840	6,315	30,539	836,406	999,272	4,402,428
36 West Virginia.....	216	174	34,276	911,718	970,679	3,496,034	6,003	1,519	22,224	353,594	465,029	2,265,407
37 North Carolina.....	1,091	917	141,759	216,052	303,063	562,332	36,763	44,025	49,261	1,277,866	1,340,478	4,913,633
38 South Carolina.....	455	301	68,747	37,928	72,060	82,462	25,794	27,257	30,872	678,228	631,025	2,628,297
39 Georgia.....	927	645	106,783	190,558	342,040	313,621	92,873	86,670	77,434	1,836,246	1,464,455	5,668,070
40 Florida.....	170	157	14,857	114,107	125,406	257,001	49,720	45,053	44,729	832,167	479,899	1,921,299
EAST SOUTH CENTRAL:												
41 Kentucky.....	4,922	5,638	896,861	1,364,967	1,300,832	5,582,624	30,776	12,603	65,316	1,531,933	2,008,989	9,237,242
42 Tennessee.....	8,442	9,395	1,160,980	798,520	499,277	3,021,121	45,626	27,341	89,033	1,443,667	2,059,896	7,679,071
43 Alabama.....	1,413	2,019	160,134	144,713	323,457	304,760	84,265	122,175	84,561	1,320,016	1,474,347	4,597,215
44 Mississippi.....	1,928	2,017	310,635	200,381	315,751	430,087	47,641	57,283	46,995	1,335,842	1,313,624	5,101,102
WEST SOUTH CENTRAL:												
45 Arkansas.....	3,367	2,733	521,243	145,376	259,595	330,929	60,378	53,616	89,391	1,575,120	1,766,317	5,414,975
46 Louisiana.....	643	953	79,200	180,889	221,943	349,049	60,877	40,399	66,178	1,368,169	812,817	3,988,258
47 Oklahoma.....	6,394	3,088	1,053,765	62,733	188,741	254,660	27,076	14,825	67,941	1,887,434	1,265,189	12,330,354
48 Texas.....	23,106	18,855	1,922,718	1,812,717	1,898,794	6,315,019	1,150,145	640,710	2,542,249	2,430,058	2,778,881	12,262,778
MOUNTAIN:												
49 Montana.....	182	145	63,336	5,414,325	6,170,580	29,156,215	5,105	1,723	22,818	101,799	50,429	889,208
50 Idaho.....	388	591	108,226	3,018,352	3,122,576	15,939,239	5,813	4,500	37,517	181,197	117,547	1,425,087
51 Wyoming.....	269	466	28,115	5,408,241	5,099,765	29,724,310	3,280	2,669	18,923	34,690	15,610	308,991
52 Colorado.....	4,595	7,542	165,997	1,434,687	2,045,577	6,892,881	35,619	41,379	92,496	193,251	104,245	1,693,385
53 New Mexico.....	13,514	17,469	181,486	3,370,922	4,902,547	12,146,524	436,460	236,352	1,001,328	47,721	21,866	291,637
54 Arizona.....	9,932	6,091	100,362	1,227,864	924,884	4,403,331	259,396	99,994	585,110	18,512	18,815	128,797
55 Utah.....	1,213	927	75,056	1,866,969	3,821,838	8,851,178	30,382	1,469	79,037	68,538	71,768	480,004
56 Nevada.....	1,261	297	43,940	1,174,853	887,110	5,173,934	4,911	4,652	11,962	23,752	15,665	157,064
PACIFIC:												
57 Washington.....	287	183	114,510	478,512	930,988	1,948,601	9,410	3,068	35,356	210,469	187,104	1,719,690
58 Oregon.....	621	350	166,593	2,700,890	3,042,767	12,219,522	187,095	109,995	374,671	220,637	286,541	1,598,583
59 California.....	3,649	2,787	392,429	2,482,108	2,581,584	8,581,569	145,526	112,627	353,458	778,719	622,365	5,207,564

† Includes Indian Territory.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## DOMESTIC ANIMALS ON FARMS AND NOT ON FARMS.

The table presented on the two preceding pages shows, by geographic divisions and states, the combined number of domestic animals both on farms and not on farms for 1910 and 1900, respectively, and also

the value for 1910. The following statement compares, for the United States as a whole, the data with regard to domestic animals on farms with those for animals not on farms:

Table 40

	All domestic animals.	All cattle.	Dairy cows.	HORSES, MULES, AND ASSES AND BURROS.				Swine.	Sheep.	Goats.
				Total.	Horses.	Mules.	Asses and burros.			
<b>1910—Number:</b>										
Total.....		63,682,648	21,795,770	27,618,242	23,015,902	4,480,140	122,290	59,473,636	52,838,748	3,029,796
On farms.....		61,803,866	20,625,432	24,148,580	19,833,113	4,209,769	105,698	58,185,676	52,447,861	2,915,125
Not on farms.....		1,878,782	1,170,338	3,469,662	3,182,789	270,371	16,592	1,287,960	390,887	114,670
<b>1900—Number:</b>										
Total.....		69,335,832	18,108,666	24,732,436	21,203,901	3,438,523	110,012	64,686,155	61,735,014	1,948,952
On farms.....		67,719,410	17,135,633	21,625,800	18,267,020	3,264,615	94,165	62,868,041	61,503,713	1,870,599
Not on farms.....		1,616,422	973,033	3,126,636	2,936,881	173,908	15,847	1,818,114	231,301	78,353
<b>Increase, 1900-1910:<sup>1</sup></b>										
Total—										
Number.....		-5,653,184	3,687,104	2,865,806	1,812,001	1,041,617	12,188	-5,212,519	-8,896,266	1,080,843
Per cent.....		-8.2	20.4	11.6	8.5	30.3	11.1	-8.1	-14.4	55.5
On farms—										
Number.....		-5,915,544	3,489,799	2,522,780	1,566,093	945,154	11,533	-4,682,365	-9,055,852	1,044,526
Per cent.....		-8.7	20.4	11.7	8.6	29.0	12.2	-7.4	-14.7	55.8
Not on farms—										
Number.....		262,300	197,305	343,026	245,908	96,463	655	-530,154	159,586	36,317
Per cent.....		16.2	20.3	11.0	8.4	55.5	4.1	-29.2	69.0	46.4
<b>Per cent of total, 1910:</b>										
On farms.....		97.0	94.6	87.4	86.2	94.0	86.5	97.8	99.3	96.2
Not on farms.....		3.0	5.4	12.6	13.8	6.0	13.5	2.2	0.7	3.8
<b>Value, 1910:</b>										
Total.....	\$5,296,421,619	\$1,560,339,868	\$753,237,930	\$3,085,460,483	\$2,505,792,588	\$564,766,397	\$14,901,498	\$409,414,568	\$234,664,528	\$6,542,172
On farms.....	\$4,760,060,093	\$1,499,523,607	\$706,236,307	\$2,622,180,170	\$2,081,588,195	\$525,391,863	\$13,200,112	\$399,338,308	\$232,841,585	\$6,176,423
Not on farms.....	\$536,361,526	\$60,816,261	\$47,001,623	\$463,280,313	\$422,204,393	\$39,374,534	\$1,701,386	\$10,076,260	\$1,822,943	\$365,749
<b>Average value per head, 1910:</b>										
Total.....		\$24.50	\$34.56	\$111.72	\$108.87	\$126.06	\$121.94	\$6.88	\$4.44	\$2.16
On farms.....		\$24.26	\$34.24	\$108.59	\$105.06	\$124.80	\$124.89	\$6.86	\$4.44	\$2.12
Not on farms.....		\$32.37	\$40.16	\$133.52	\$132.65	\$145.63	\$103.10	\$7.82	\$4.66	\$3.19
<b>Farms and inclosures reporting:</b>										
Total.....	8,048,346	6,184,262	6,008,095		6,085,585	1,943,671	52,143	4,699,687	617,034	106,500
Farms.....	6,034,783	5,284,916	5,140,869		4,692,814	1,869,005	43,927	4,351,751	610,894	82,755
Barns, and other inclosures not on farms.....	2,013,563	899,346	867,226		1,392,771	74,666	8,216	347,936	6,140	23,745

<sup>1</sup> A minus sign (—) denotes decrease.

It will be seen that in 1910 the total value of domestic animals, both on farms and not on farms, was \$5,296,422,000, of which domestic animals not on farms contributed \$536,362,000, or a little over one-tenth. Of the total number of horses, mules, and asses and burros in the country those not on farms constituted 12.6 per cent, while the corresponding proportion for cattle was only 3 per cent, for swine only 2.2 per cent, and for sheep only seven-tenths of 1 per cent. Of the cattle not on farms about three-fifths were dairy cows.

Between 1900 and 1910 there was an increase of 16.2 per cent in the number of cattle not on farms, as

against a decrease in those on farms. The rate of increase in the number of horses, mules, and asses and burros taken together was nearly the same for those not on farms as for those on farms. The changes in the number of swine and sheep not on farms have probably little significance.

For every class of animals, except the unimportant class of asses and burros, the average value per head in 1910 was higher in the case of those not on farms than in the case of those on farms. This is due in part to the fact that a relatively larger proportion of the animals not on farms are of adult age than in the case of those on farms.



## CHAPTER 12.

### LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.

**Introduction.**—This chapter summarizes the data collected by the Thirteenth Decennial Census for dairy products, wool and mohair, poultry and eggs, honey and wax, and domestic animals sold or slaughtered on farms. The returns for these items at the census of 1910, like those for crops, relate to the activities of the calendar year 1909.

It is impossible to give a total representing the value of the annual production of live stock products, for the reason that the total value of products of the

business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. And even if a total representing the value of the annual production of live stock products could be obtained and were added to the value of all crops (data for which are presented in Chapter 13), the sum would not accurately represent the total value of farm products for the year, because much duplication would result from the fact that part of the crops are fed to the live stock.

#### DAIRY PRODUCTS.

**United States as a whole: 1909 and 1899.**—The census statistics of dairy products are somewhat less complete and accurate than is believed to be the case with the statistics of the principal crops. While many farms make the dairy business the main or an important feature of their operations, yet for the great majority it is more or less incidental, cows being kept chiefly for breeding purposes or to supply milk and butter for the farmer's family. On such farms in particular, records of dairy products are seldom kept, and farmers are usually able to make only rough estimates regarding them, and in many cases are unwilling to make any estimates at all. Especial difficulty is encountered in securing reports of the total quantity of milk produced. In many instances, even when farmers make replies to all the inquiries, it is probable that they understate the production, particularly by neglecting or underestimating the home consumption of milk and other dairy products.

The incompleteness of the returns is indicated by the fact that, while there were 5,140,869 farms in the United States for which the enumerators reported dairy cows on April 15, 1910, for only 4,413,333 of these farms were dairy products of any kind reported as produced in 1909, and for only 4,024,460 was the quantity of milk produced in 1909 stated. The total number of dairy cows on farms April 15, 1910, was reported as 20,625,000, while the number on farms which reported the production of any kind of dairy products in 1909 was 18,746,000, or 90.9 per cent of the total number, and the number on farms which reported the production of milk in 1909 was 16,069,000, or 77.9 per cent of the total. In considering these figures, however, it should be borne in mind that there is no precise distinction between dairy cows and cows

not kept for their milk. In a considerable number of cases enumerators probably reported as dairy cows animals which in fact were primarily kept for breeding purposes and which were only milked for short periods, if at all, during the preceding year.

Because of this indefiniteness in the returns for dairy cows it has not been considered desirable to make estimates of the production of milk or other dairy products on farms which reported dairy cows but failed to report the quantity of milk produced or failed to report dairy products of any kind. At the Twelfth Census estimates of this character were made to a considerable extent, and for this reason the statistics published for that census are not closely comparable with those for the Thirteenth Census. The statistics of butter and cheese for the two censuses are, however, more nearly comparable than those for milk.

Table 1, on page 344 shows, for the United States, data regarding dairy products in 1909, as reported by the enumerators, together with certain items for 1899, as published in the reports of the Twelfth Census.

The total quantity of milk reported as produced on farms in 1909 was 5,814,000,000 gallons. There were, on April 15, 1910, 16,069,000 dairy cows on the farms reporting this milk. Assuming that there were the same number of cows in 1909, the average production of milk per cow would be 362 gallons.

The total value of dairy products of farms in 1909, exclusive of milk and cream consumed on the farm, was reported as \$596,413,000. This represents the sum of the receipts from the sale of milk, cream, and butter fat (amounting in all to \$372,403,000), and the value of all butter and cheese produced on farms, whether sold or retained for home use (amounting to \$224,010,000).



Table 1

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	5,140,869	80.8	20,625,432			
On farms reporting dairy products in 1909.....	4,413,333	69.4	18,745,662			
On farms reporting milk produced in 1909.....	4,021,460	63.2	16,069,298			
Specified dairy products of farms, 1909:						
Milk reported.....			5,813,699,474	Gals.		
Butter made.....	3,787,749	59.5	994,630,610	Lbs.	\$222,861,440	\$0.22
Cheese made.....	12,054	0.2	9,405,864	Lbs.	1,148,708	0.12
Milk sold.....	493,916	7.8	1,937,255,864	Gals.	252,436,757	0.13
Cream sold.....	164,117	2.6	54,933,583	Gals.	37,655,047	0.69
Butter fat sold <sup>1</sup> .....	361,126	5.7	305,662,587	Lbs.	82,311,511	0.27
Butter sold.....	1,785,408	28.1	415,080,489	Lbs.	100,378,123	0.24
Cheese sold.....	6,019	0.1	8,136,901	Lbs.	987,974	0.12
Total receipts from sales, 1909.....					473,769,412	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					596,413,463	
Specified dairy products of farms, 1899:						
Butter made.....	3,617,366	63.0	1,071,626,056	Lbs.		
Cheese made.....	15,669	0.3	16,372,318	Lbs.		
Butter sold.....			518,042,767	Lbs.	86,570,973	0.17
Cheese sold.....			14,692,542	Lbs.	1,342,444	0.09
Butter and cheese made in factories:						
Butter—1909 <sup>2</sup> .....			624,764,653	Lbs.	179,510,619	0.29
1899.....			420,126,546	Lbs.	84,079,754	0.20
Cheese—1909 <sup>2</sup> .....			311,126,317	Lbs.	43,239,924	0.14
1899.....			281,972,324	Lbs.	26,519,829	0.09
Total production of butter and cheese:						
Butter—1909 <sup>2</sup> .....			1,619,415,263	Lbs.	402,372,059	0.25
1899.....			1,491,752,602	Lbs.		
Cheese—1909 <sup>2</sup> .....			320,532,181	Lbs.	44,388,632	0.14
1899.....			298,344,642	Lbs.		

<sup>1</sup> While butter fat does not constitute a separate product, large quantities of cream and milk are sold on the basis of a specified price per pound for the butter fat which they contain; hence it is proper to speak of the quantity of butter fat sold.

<sup>2</sup> In addition, 2,381,212 pounds of butter, valued at \$661,171, and 49,413 pounds of part-cream cheese, valued at \$5,745, were produced by establishments engaged in the manufacture of products other than those covered by creameries and cheese factories.

The census schedules did not call for the combined value of all dairy products as one item, nor did they call for the total value of milk produced. In order to obtain a true total for the value of dairy products, it would be necessary to ascertain the value of milk, cream, butter, and cheese consumed on the farm, including milk fed to animals, and to add to this the reported value of products sold. In the belief that no satisfactory results could be secured from such an inquiry, the census schedules did not call for the value of milk and cream consumed on the farm, and it has not been considered feasible to estimate this value from the other data reported. Such estimates were made at the Twelfth Census, but they can not be considered as more than very rough approximations.

The total reported value of dairy products sold in 1909 was \$473,769,000, of which the value of milk, cream, and butter fat sold represented nearly four-fifths and that of butter most of the remainder. The quantity of milk sold as such was reported as 1,937,000,000 gallons, or substantially one-third of the total reported as produced; but it should be borne in

mind that a great deal of milk sold or delivered to creameries for butter making is paid for on the basis of the cream or butter fat content, in which case the quantity of such cream or butter fat was usually reported on the census schedules and not the quantity of milk. The greater part of the milk reported as sold was doubtless consumed as such, chiefly in cities and villages, but a considerable quantity represents milk delivered to condensed-milk and cheese factories, and a small part represents milk which was delivered to creameries for the production of butter and reported as milk instead of on the basis of the cream or butter fat contained.

The reported farm production of butter and of cheese in 1909—994,651,000 pounds and 9,406,000 pounds, respectively—was considerably less than the production for the year 1899 as given in the published reports of the Twelfth Census, but this difference is doubtless due in part to the fact that the latter included some estimates for farms with incomplete reports. The manufacture of butter and cheese is, however, gradually being transferred from farms to factories. The combined farm and factory production of butter was 1,619,415,000 pounds in 1909 and 1,491,753,000 pounds in 1899. The increase during the decade was thus 127,663,000 pounds, or 8.6 per cent. The factory production alone increased 48.7 per cent. Of the total product, that made in factories constituted 38.6 per cent in 1909 and 28.2 per cent in 1899.

The production of cheese on farms and in factories was 320,532,000 pounds in 1909, as compared with 298,345,000 pounds in 1899, an increase of 7.4 per cent. At both censuses much the greater part of the cheese was made in factories, but the proportion in 1909 (97.1 per cent) was higher than that in 1899 (94.5 per cent).

**Production of dairy products, by divisions and states.**—Table 2 shows, by geographic divisions, the total number of farms reporting dairy cows, the number reporting dairy products, and the number reporting the quantity of milk produced, with the number of dairy cows reported by the farms of each class. Dairy products and milk production appear to have been much more completely reported in some divisions than in others. In the New England division, for example, the number of farms reporting dairy products was 91.9 per cent of the number reporting dairy cows, and the number reporting the quantity of milk produced, 83.6 per cent, while in the Mountain division the number of farms reporting dairy products was only 70.9 per cent of the number reporting dairy cows, and the number reporting the quantity of milk produced, 63.8 per cent. In general, it may be said that the reports of dairy products for the four northern divisions appear to be more complete than those for the other divisions, the deficiency being greatest in those divisions where cows not kept for dairy purposes considerably outnumber the dairy cows.



Table 2

DIVISION.	DAIRY COWS ON FARMS APRIL 15, 1910					
	Total.		On farms reporting dairy products in 1909.		On farms reporting milk produced in 1909.	
	Farms reporting.	Number of cows.	Farms reporting.	Number of cows.	Farms reporting.	Number of cows.
United States.....	5,140,869	20,625,432	4,413,333	18,745,662	4,021,460	16,069,298
New England.....	147,028	841,698	135,180	805,932	122,884	730,820
Middle Atlantic.....	400,473	2,597,652	368,336	2,474,485	308,042	2,043,586
East North Central.....	1,069,479	4,829,527	924,481	4,580,632	808,709	3,817,196
West North Central.....	989,135	5,327,006	859,550	4,800,956	726,153	3,894,317
South Atlantic.....	794,716	1,810,754	658,507	1,557,143	635,948	1,464,875
East South Central.....	815,423	1,628,061	692,436	1,421,785	683,239	1,391,307
West South Central.....	724,460	2,249,553	579,641	1,889,495	559,993	1,792,126
Mountain.....	120,328	514,466	85,345	401,543	76,759	343,694
Pacific.....	139,821	826,115	109,857	723,691	99,733	591,377

Table 3 shows statistics of the production of dairy products on farms, by geographic divisions.

The distribution of the farm production of dairy products among the geographic divisions naturally conforms more or less closely to the distribution of the number of dairy cows, but the correspondence is by no means exact. The imperfections of the reports, both as to the number of dairy cows and as to the quantity of dairy products, especially milk produced, renders close comparison impossible.

Of the total value of dairy products in 1909 (excluding the value of milk and cream consumed on the farm

where produced), the East North Central division reported \$159,674,000, or 26.8 per cent, the Middle Atlantic division \$130,773,000, or 21.9 per cent, and the West North Central division \$108,825,000, or 18.2 per cent, these three divisions together reporting over two-thirds of the total. It is probable, however, that the relative importance of the home consumption of milk and cream is considerably greater in the South and somewhat greater in the West than it is in the North, and that if the value of all dairy products, including such consumption, could be accurately computed, the southern and western divisions would show somewhat larger percentages of the aggregate for the United States than appear in Table 3.

Because of the considerable degree of incomparability between the reports of the number of dairy cows and those of milk production, the average quantity of milk per cow is not presented for divisions or states. According to the figures reported, the average production per cow (based on the number of dairy cows in 1910 on farms reporting milk produced in 1909 and the quantity of milk produced in 1909) was very much greater in the New England, Middle Atlantic, East North Central, and Pacific divisions than in any of the others. This doubtless conforms approximately to the facts.

Table 3

Table 3	DIVISION.	Total value of dairy products of farms: <sup>1</sup> 1909	Milk reported (gallons): 1909	BUTTER MADE ON FARMS.		Value: 1909	CHEESE MADE ON FARMS.		Value: 1909	PER CENT OF TOTAL.		
				Quantity (pounds).			Quantity (pounds).			Number of dairy cows on farms April 15, 1910	Total value of dairy products: <sup>1</sup> 1909	Milk reported: 1909
				1909	1899		1909	1899				
United States.....	\$596,413,463	5,813,699,474	994,650,610	1,071,626,056	\$222,861,440	9,405,864	16,372,318	\$1,148,708	100.0	100.0	100.0	
New England.....	50,720,766	347,872,803	40,732,783	51,454,627	11,704,089	673,865	1,003,103	89,189	4.1	8.5	6.0	
Middle Atlantic.....	130,772,563	1,001,269,989	88,242,228	154,829,824	22,996,544	1,910,549	3,506,096	194,472	12.6	21.9	17.2	
East North Central.....	159,673,557	1,564,282,966	230,966,876	287,878,290	53,108,927	1,891,208	3,636,013	215,395	23.4	26.8	25.9	
West North Central.....	108,824,533	1,266,991,620	201,172,278	251,226,400	44,748,964	473,196	1,684,109	59,999	25.8	18.2	21.8	
South Atlantic.....	35,578,455	418,843,384	123,270,552	89,111,226	26,054,617	480,805	480,448	51,024	8.8	6.0	7.2	
East South Central.....	30,200,917	400,476,525	136,239,873	97,541,277	25,739,427	93,971	137,327	9,703	7.9	5.1	6.9	
West South Central.....	32,394,027	416,401,603	128,188,799	88,382,053	25,838,528	424,482	336,113	44,597	10.9	5.4	7.2	
Mountain.....	12,991,603	116,468,996	18,115,811	14,869,383	4,992,172	457,740	720,596	70,897	2.5	2.2	2.0	
Pacific.....	35,257,042	281,091,588	27,721,410	36,332,916	7,678,172	3,000,048	4,868,513	413,432	4.0	5.9	4.8	

<sup>1</sup> Excluding milk and cream used on the farms producing.

Table 4, on the next page, shows the production of butter and cheese on farms and in factories, by geographic divisions, and Table 5 shows the percentage of the respective totals reported for each division.

In 1909 the production in factories formed 67.3 per cent of the total production of butter in the Pacific division and 54.8 per cent in the West North Central division, while in the three southern divisions taken together it represented only 2.3 per cent. In the other four divisions less butter was made in factories than on farms, but there was no such great difference as in the South. Of the total production of butter on farms and in factories in 1909, the West North Central division reported 27.5 per cent and the East North Central 26.2 per cent, the production in the Middle Atlantic division, which ranked next, constituting only 10.2 per cent of the total.

While the butter production is very widely distributed, cheese is produced only to a limited extent outside of two divisions. The East North Central division in 1909 produced 56.3 per cent of the total farm and factory output, and the Middle Atlantic 36.9 per cent. In fact, as shown by Table 10, two states, Wisconsin and New York, produced about four-fifths of the total. The quantity of butter made on farms was less in 1909 than in 1899 in the four geographic divisions of the North, and also in the Pacific division, but in all of these divisions, except the Middle Atlantic and the New England, the factory production was decidedly greater in the later year than in the earlier. In the three southern divisions, where practically all the butter is still made on farms, there was an increase in farm production between 1899 and 1909, the percentage of increase for the three divisions taken together being 41.



Table 4

DIVISION.	BUTTER PRODUCED (POUNDS).				CHEESE PRODUCED (POUNDS).				PER CENT OF TOTAL.			
	1909	1899	Increase. <sup>1</sup>		1909	1899	Increase. <sup>1</sup>		Butter.		Cheese.	
			Amount.	Per cent.			Amount.	Per cent.	1909	1899	1909	1899
United States:												
Total <sup>2</sup> .....	1,619,415,263	1,491,752,602	127,662,661	8.6	320,532,181	298,344,642	22,187,539	7.4	100.0	100.0	100.0	100.0
Made on farms.....	994,650,610	1,071,636,056	-76,975,446	-7.2	9,405,864	16,372,318	-6,966,454	-42.6	61.4	71.8	2.9	5.5
Made in factories <sup>2</sup> .....	624,764,653	420,126,546	204,638,107	48.7	311,126,317	281,972,324	29,153,993	10.3	38.6	28.2	97.1	94.5
NEW ENGLAND:												
Total.....	(2)	92,032,196	(2)	(2)	3,676,609	6,958,700	-3,282,091	-47.2	(2)	100.0	100.0	100.0
Made on farms.....	40,732,783	51,454,627	-10,721,844	-20.8	673,865	1,003,103	-329,238	-32.8	(2)	55.9	18.3	14.4
Made in factories.....	(2)	40,577,569	(2)	(2)	3,002,744	5,955,597	-2,952,853	-49.6	(2)	44.1	81.7	85.6
MIDDLE ATLANTIC:												
Total.....	165,392,518	233,986,350	-68,593,832	-29.3	118,339,484	141,259,571	-22,920,087	-16.2	100.0	100.0	100.0	100.0
Made on farms.....	88,242,228	154,829,824	-66,587,596	-43.0	1,910,549	3,506,096	-1,595,547	-45.5	53.4	66.2	1.6	2.5
Made in factories.....	77,150,290	79,156,526	-2,006,236	-2.5	116,428,935	137,753,475	-21,324,540	-15.5	46.6	33.8	98.4	97.5
EAST NORTH CENTRAL:												
Total.....	424,137,997	403,208,930	20,929,067	5.2	180,423,449	120,279,089	60,144,360	50.0	100.0	100.0	100.0	100.0
Made on farms.....	230,966,876	287,878,290	-56,911,414	-19.8	1,891,208	3,636,013	-1,744,805	-48.0	54.5	71.4	1.0	3.0
Made in factories.....	193,171,121	115,330,640	77,840,481	67.5	178,532,241	116,643,076	61,889,165	53.1	45.5	28.6	99.0	97.0
WEST NORTH CENTRAL:												
Total.....	444,724,204	407,632,767	37,091,437	9.1	(2)	13,667,004	(2)	(2)	100.0	100.0	(2)	100.0
Made on farms.....	201,172,278	251,226,460	-50,054,182	-19.9	473,196	1,684,109	-1,210,913	-71.9	45.2	61.6	(2)	12.3
Made in factories.....	243,551,926	156,406,307	87,145,619	55.7	(2)	11,982,895	(2)	(2)	54.8	38.4	(2)	87.7
SOUTH ATLANTIC:												
Total.....	(2)	92,883,312	(2)	(2)	(2)	593,308	(2)	(2)	(2)	100.0	(2)	100.0
Made on farms.....	123,270,552	89,111,226	34,159,326	38.3	480,805	480,448	357	0.1	(2)	95.9	(2)	81.0
Made in factories.....	(2)	3,772,086	(2)	(2)	(2)	112,860	(2)	(2)	(2)	4.1	(2)	19.0
EAST SOUTH CENTRAL:												
Total.....	(2)	(2)	(2)	(2)	93,971	(2)	(2)	(2)	(2)	(2)	100.0	(2)
Made on farms.....	136,239,873	97,541,277	38,698,596	39.7	93,971	137,327	-43,356	-31.6	(2)	(2)	100.0	(2)
Made in factories.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WEST SOUTH CENTRAL:												
Total.....	(2)	88,856,542	(2)	(2)	(2)	473,381	(2)	(2)	(2)	100.0	(2)	100.0
Made on farms.....	128,188,799	88,382,053	39,806,746	45.0	424,482	336,113	88,369	26.3	(2)	99.5	(2)	71.0
Made in factories.....	(2)	474,489	(2)	(2)	(2)	137,268	(2)	(2)	(2)	0.5	(2)	29.0
MOUNTAIN:												
Total.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Made on farms.....	18,115,811	14,869,383	3,246,428	21.8	457,740	720,596	-262,856	-36.5	(2)	(2)	(2)	(2)
Made in factories.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
PACIFIC:												
Total.....	84,780,111	54,653,831	30,126,280	55.1	9,208,931	10,222,747	-1,013,816	-9.9	100.0	100.0	100.0	100.0
Made on farms.....	27,721,410	36,332,916	-8,611,506	-23.7	3,000,048	4,868,513	-1,868,465	-38.4	32.7	66.5	32.6	47.6
Made in factories.....	57,058,701	18,320,915	38,737,786	211.4	6,208,883	5,354,234	854,649	16.0	67.3	33.5	67.4	52.4

\* See footnote 2, Table 1, p. 344.

<sup>1</sup> A minus sign (—) denotes decrease.<sup>2</sup> Can not be shown separately, as to do so would disclose individual operations.

Table 5

DIVISION.	PER CENT OF UNITED STATES TOTAL.											
	Butter.						Cheese.					
	Total.		Made on farms.		Made in factories.		Total.		Made on farms.		Made in factories.	
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	(1)	6.2	4.1	4.8	(1)	9.7	1.1	2.3	7.2	1.0	(1)	1.0
Middle Atlantic.....	10.2	15.7	8.9	14.4	12.3	18.8	36.9	47.3	20.3	37.4	(1)	37.4
East North Central.....	26.2	27.0	23.2	26.9	30.9	27.5	50.3	40.3	20.1	57.4	(1)	57.4
West North Central.....	27.5	27.3	20.2	23.6	39.0	37.2	(1)	4.6	5.0	(1)	(1)	(1)
South Atlantic.....	(1)	6.2	12.4	8.3	(1)	0.9	(1)	0.2	5.1	(1)	(1)	(1)
East South Central.....	(1)	(1)	13.7	9.1	(1)	(1)	(1)	(1)	1.0	(1)	(1)	(1)
West South Central.....	(1)	6.0	12.9	8.2	(1)	0.1	(1)	0.2	4.5	(1)	(1)	(1)
Mountain.....	(1)	(1)	1.8	1.4	(1)	(1)	(1)	(1)	4.9	(1)	(1)	(1)
Pacific.....	5.2	3.7	2.8	3.4	9.1	4.4	2.9	3.4	31.9	2.0	(1)	2.0

<sup>1</sup> Can not be shown separately, as to do so would disclose individual operations.<sup>2</sup> Less than one-tenth of 1 per cent.

Tables 9 and 10, on subsequent pages show by states, statistics of the dairy products of farms, and the quantity of butter and cheese made in factories, with the total made on farms and in factories. In 1909 the leading dairy states, as judged by the total value of the farm production (excluding milk and cream used at home), were New York, Wisconsin, Pennsylvania, Illinois, Iowa, Ohio, Minnesota, Michigan, and California, in each of which the value reported exceeded \$20,000,000. In the production of butter (on farms and in factories combined) Wisconsin was the leading state, followed by Iowa, Minnesota, Pennsylvania, Michigan, Ohio, Illinois, and New York. A large part

of the milk produced in New York is sold for consumption in the cities, and a large proportion is also used in making cheese. New York ranked next to Wisconsin in the production of cheese, and in no other state did the quantity produced equal one-seventh of that reported for New York. In the combined production of butter and cheese Wisconsin led, with 279,992,000 pounds, followed by New York, with 174,944,000 pounds.

Sales of dairy products, by divisions and states.—Table 6 shows, by geographic divisions, the quantity and value of dairy products sold by farmers. Sales of butter and cheese by factories are not shown, as they are substantially the same as the production.

Comparisons between divisions as to the percentage which milk sold as such—which does not include milk paid for on the basis of cream or butter fat content—forms of the total milk produced would have comparatively little significance. As shown by the percentages in Table 6, there are wide differences among the geographic divisions with respect to the ratio which the quantity of butter and, to a less degree, of cheese, sold bears to the total production. In the North and West a large proportion of the butter made on farms is sold, the percentages in 1909 ranging from 42.2 in the Mountain division to 72.5 in New England. In the South a much smaller proportion is sold, the percentages ranging from 16.7 in the East South Central division to 27.5 in the South Atlantic. In a majority



Table 6

DIVISION.	Amount received from sales of dairy products by farmers: 1909	Milk sold (gallons): 1909	Cream sold (gallons): 1909	Butter fat sold (pounds): 1909	BUTTER SOLD BY FARMERS (POUNDS).		CHEESE SOLD BY FARMERS (POUNDS).		RATIO OF SALES TO TOTAL PRODUCTION (PER CENT).			
					1909	1899	1909	1899	Butter.		Cheese.	
									1909	1899	1909	1899
<b>United States:</b>												
Quantity sold.....		1,937,255,854	54,933,583	305,662,587	415,080,489	518,042,767	8,136,901	14,692,542	41.7	48.3	86.5	89.7
Amount received.....	\$473,769,412	\$232,436,757	\$37,655,047	\$82,311,511	\$100,378,123	\$86,570,973	\$987,974	\$1,342,444				
<b>NEW ENGLAND:</b>												
Quantity sold.....		175,209,759	4,469,090	14,599,430	20,528,001	38,854,031	591,008	870,036	72.5	75.5	87.7	86.7
Amount received.....	\$47,538,217	\$31,344,948	\$3,168,909	\$4,413,631	\$8,533,864	\$8,193,207	\$76,865	\$98,667				
<b>MIDDLE ATLANTIC:</b>												
Quantity sold.....		750,556,634	2,446,096	44,023,628	57,828,247	106,919,914	1,752,682	3,358,354	65.5	69.1	91.7	95.8
Amount received.....	\$122,989,049	\$93,644,462	\$1,713,979	\$12,223,106	\$15,229,862	\$20,133,645	\$177,640	\$306,052				
<b>EAST NORTH CENTRAL:</b>												
Quantity sold.....		661,302,433	15,272,040	85,099,734	135,159,149	162,381,475	1,718,462	3,317,844	58.5	56.4	90.9	91.2
Amount received.....	\$138,401,771	\$73,063,198	\$10,157,366	\$23,128,671	\$31,855,809	\$24,820,189	\$196,727	\$273,200				
<b>WEST NORTH CENTRAL:</b>												
Quantity sold.....		144,537,918	22,599,643	123,176,904	88,186,732	122,614,081	334,300	1,331,797	43.8	48.8	70.6	79.1
Amount received.....	\$84,390,336	\$18,214,700	\$14,530,377	\$31,270,493	\$20,333,127	\$17,875,635	\$41,639	\$126,771				
<b>SOUTH ATLANTIC:</b>												
Quantity sold.....		45,378,866	1,027,441	505,904	33,888,871	24,432,566	385,920	436,703	27.5	27.4	80.3	90.9
Amount received.....	\$17,137,738	\$8,603,975	\$743,112	\$125,727	\$7,622,916	\$4,214,943	\$42,008	\$25,040				
<b>EAST SOUTH CENTRAL:</b>												
Quantity sold.....		22,593,214	368,959	217,800	22,688,468	16,500,683	64,748	77,591	16.7	16.9	68.9	56.5
Amount received.....	\$9,301,281	\$4,126,971	\$265,754	\$59,062	\$4,842,959	\$2,731,995	\$6,535	\$7,847				
<b>WEST SOUTH CENTRAL:</b>												
Quantity sold.....		21,070,626	1,064,000	4,465,810	24,321,179	15,745,423	270,967	231,316	19.0	17.8	63.8	68.8
Amount received.....	\$11,922,158	\$4,700,646	\$795,188	\$1,015,068	\$5,381,690	\$2,499,218	\$29,566	\$20,370				
<b>MOUNTAIN:</b>												
Quantity sold.....		31,108,665	1,549,881	4,799,182	7,635,775	7,092,465	307,141	554,371	42.2	47.7	67.1	76.9
Amount received.....	\$10,141,383	\$5,346,099	\$1,230,340	\$1,352,095	\$2,166,918	\$1,518,094	\$45,931	\$61,123				
<b>PACIFIC:</b>												
Quantity sold.....		85,497,749	6,135,893	28,774,135	15,844,067	23,502,129	2,711,673	4,514,530	57.2	64.7	90.4	92.7
Amount received.....	\$31,947,479	\$13,391,758	\$5,050,022	\$8,723,658	\$4,410,978	\$4,564,047	\$371,063	\$423,374				

of the divisions a smaller proportion was sold in 1909 than in 1899.

In total value of dairy products sold by farmers in 1909, the East North Central division ranked first, followed by the Middle Atlantic and West North Central, these three divisions together reporting 73 per cent of the total for the United States.

Table 7 shows, by geographic divisions, the average value per gallon or per pound of the several classes of dairy products sold by farmers.

Table 7

Table 7	AVERAGE VALUE OF PRODUCTS SOLD BY FARMERS.							
	DIVISION.	Milk, per gallon: 1909	Cream, per gallon: 1909	Butter fat per pound: 1909	Butter, per pound.		Cheese, per pound.	
					1909	1899	1909	1899
United States . . . . .	\$0.130	\$0.685	\$0.269	\$0.242	\$0.167	\$0.121	\$0.091	
New England . . . . .	0.179	0.709	0.302	0.289	0.211	0.130	0.113	
Middle Atlantic . . . . .	0.125	0.701	0.278	0.263	0.188	0.101	0.091	
East North Central . . . . .	0.110	0.665	0.272	0.236	0.153	0.114	0.082	
West North Central . . . . .	0.126	0.643	0.254	0.231	0.146	0.125	0.095	
South Atlantic . . . . .	0.190	0.723	0.249	0.225	0.173	0.109	0.057	
East South Central . . . . .	0.183	0.729	0.271	0.221	0.166	0.101	0.101	
West South Central . . . . .	0.223	0.747	0.227	0.221	0.159	0.109	0.088	
Mountain . . . . .	0.172	0.794	0.282	0.284	0.214	0.150	0.110	
Pacific . . . . .	0.157	0.823	0.303	0.278	0.194	0.137	0.094	

The average value of butter sold by farmers in the United States as a whole was 24.2 cents per pound in 1909, as compared with 16.7 cents in 1899, an increase of 44.9 per cent. In 1909 the average value was highest in New England, 28.9 cents, and lowest in the East South Central division, 21.3 cents. The average value of cheese sold increased from 9.1 cents per pound in 1899 to 12.1 cents in 1909, or 33 per cent. In the latter year the average ranged from 10.1 cents in the Middle Atlantic and East South Central divisions to 15 cents in the Mountain division.

Table 8 shows, by states, the sales of dairy products.

Table 8

STATE.	SALES OF SPECIFIED DAIRY PRODUCTS BY FARMERS: 1909					
	Receipts from sales (dollars).	Milk (gallons).	Cream (gallons).	Butter fat (pounds).	Butter (pounds).	Cheese (pounds).
<b>United States.....</b>	<b>473,769,412</b>	<b>1,937,255,854</b>	<b>54,933,583</b>	<b>305,662,587</b>	<b>415,080,489</b>	<b>8,136,901</b>
<b>N. ENGLAND:</b>						
Maine.....	6,722,779	12,784,866	737,706	4,060,344	8,389,817	94,244
N. Hampshire.....	5,130,067	21,132,268	383,944	566,229	3,510,563	168,705
Vermont.....	11,501,577	33,998,934	2,353,686	7,756,395	12,892,124	238,319
Massachusetts.....	14,840,927	64,696,692	501,876	1,488,019	2,220,311	32,490
Rhode Island.....	2,017,444	8,796,847	42,421	5,347	177,322	2,175
Connecticut.....	7,325,433	34,000,152	452,427	1,063,096	2,337,834	55,075
<b>MID. ATLANTIC:</b>						
New York.....	74,939,815	524,279,723	1,207,174	36,249,617	12,690,113	334,301
New Jersey.....	9,685,352	66,856,550	79,485	249,557	2,003,029	42,462
Pennsylvania.....	38,363,882	169,420,361	1,160,037	7,524,454	43,195,105	1,375,919
<b>E. N. CENT.:</b>						
Ohio.....	25,574,635	99,430,948	1,911,997	7,563,527	29,252,326	518,650
Indiana.....	12,768,710	32,562,414	1,347,600	6,361,813	24,715,894	39,858
Illinois.....	29,720,849	158,031,333	2,104,352	4,037,745	24,442,251	54,502
Michigan.....	22,099,178	74,025,769	2,455,061	18,287,091	30,010,783	284,026
Wisconsin.....	51,238,309	297,251,909	7,142,970	48,248,940	16,737,896	821,426
<b>W. N. CENT.:</b>						
Minnesota.....	25,214,222	53,181,785	5,756,165	40,414,151	18,016,409	79,045
Iowa.....	26,429,745	55,241,511	8,062,449	42,917,096	17,917,387	61,100
Missouri.....	8,187,856	15,735,185	1,399,989	4,927,383	14,646,771	104,539
N. Dakota.....	2,876,298	1,644,150	834,103	2,188,377	7,019,109	9,974
S. Dakota.....	4,501,430	2,385,781	2,232,961	5,776,689	5,941,092	7,380
Nebraska.....	7,631,658	6,509,389	1,932,908	12,371,099	11,632,068	55,528
Kansas.....	9,549,129	9,851,126	2,361,068	14,583,909	12,990,836	16,674
<b>S. ATLANTIC:</b>						
Delaware.....	966,173	4,425,909	25,809	18,149	1,024,945	200
Maryland.....	4,784,232	19,424,325	455,496	343,148	5,082,228	251,071
Dist. of Col.....	116,116	339,345			1,800	
Virginia.....	3,772,617	8,577,893	302,217	97,558	7,983,430	41,612
W. Virginia.....	2,532,324	4,050,741	104,696	8,421	7,077,664	55,363
N. Carolina.....	1,787,245	2,380,029	21,329	9,224	5,670,590	28,982
S. Carolina.....	626,303	919,745	11,282	10,023	1,732,309	8,415
Georgia.....	1,974,011	3,872,098	97,564	17,286	4,385,354	165
Florida.....	578,715	1,388,781	9,048	2,095	310,651	112
<b>E. S. CENT.:</b>						
Kentucky.....	3,729,237	10,415,482	159,016	154,427	8,421,827	38,851
Tennessee.....	3,211,978	6,814,209	145,976	32,345	9,009,307	11,883
Alabama.....	1,358,504	3,397,426	28,385	21,744	2,805,021	2,435
Mississippi.....	1,001,562	1,966,097	35,582	9,344	2,452,313	11,579
<b>W. S. CENT.:</b>						
Arkansas.....	1,506,882	3,952,322	53,302	74,607	3,094,311	8,496
Louisiana.....	1,588,338	4,501,119	32,433	7,073	1,019,420	180,976
Oklahoma.....	3,366,515	3,626,217	526,193	3,137,112	7,465,824	11,765
Texas.....	5,461,423	8,990,968	452,072	1,247,018	12,141,624	69,730
<b>MOUNTAIN:</b>						
Montana.....	1,646,603	3,584,689	274,979	652,097	1,234,263	44,571
Idaho.....	1,379,390	2,060,111	319,542	1,191,867	1,417,663	61,203
Wyoming.....	338,925	1,377,607	46,680	67,303	461,952	6,435
Colorado.....	3,407,723	10,037,067	440,257	1,087,681	2,914,143	56,413
New Mexico.....	434,199	1,036,922	9,679	11,248	410,634	24,918
Arizona.....	842,210	3,347,723	37,744	665,850	120,951	50,181
Utah.....	1,648,655	8,471,713	270,225	914,133	919,581	62,065
Nevada.....	443,588	1,192,833	150,775	209,003	156,588	1,355
<b>PACIFIC:</b>						
Wash.....	7,693,479	25,524,209	1,911,261	4,386,283	3,112,326	43,530
Oregon.....	5,170,703	14,640,108	827,541	5,211,133	2,446,158	154,328
California.....	19,083,297	45,333,432	3,397,061	19,176,719	10,285,583	2,513,815



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## DAIRY PRODUCTS OF FARMS, BY DIVISIONS AND STATES.

Table 9 DIVISION OR STATE.	Total value, excluding home use of milk and cream: 1909	Milk reported (gallons): 1909	BUTTER MADE.			CHEESE MADE.		
			Quantity (pounds).		Value: 1909	Quantity (pounds).		Value: 1909
			1909	1899		1909	1899	
United States.....	\$596,413,463	5,813,699,474	994,650,610	1,071,626,056	\$222,861,440	9,405,864	16,372,318	\$1,148,708
GEOGRAPHIC DIVISIONS:								
New England.....	50,720,766	347,872,803	40,732,783	51,454,627	11,704,089	673,865	1,003,103	89,189
Middle Atlantic.....	130,772,563	1,001,269,989	88,242,228	154,829,824	22,996,544	1,910,549	3,506,096	194,472
East North Central.....	159,673,557	1,564,282,966	230,966,876	287,878,290	53,108,927	1,891,208	3,636,013	215,395
West North Central.....	108,824,533	1,266,991,620	201,172,278	251,236,460	44,748,964	473,196	1,684,109	59,999
South Atlantic.....	35,578,455	418,843,384	123,270,552	89,111,226	26,054,617	480,805	480,448	51,024
East South Central.....	30,200,917	400,476,525	136,239,873	97,541,277	25,739,427	93,971	137,327	9,703
West South Central.....	32,394,027	416,401,603	128,188,799	88,382,053	25,838,528	424,482	336,113	44,597
Mountain.....	12,991,603	116,468,996	18,115,811	14,869,383	4,992,172	457,740	720,596	70,897
Pacific.....	35,257,042	281,091,588	27,721,410	36,332,916	7,678,172	3,000,048	4,868,513	413,432
NEW ENGLAND:								
Maine.....	8,079,692	56,026,334	13,299,229	16,174,173	3,786,054	118,216	425,102	18,872
New Hampshire.....	5,589,711	35,033,153	5,065,188	6,385,611	1,509,706	180,996	104,339	24,456
Vermont.....	12,128,465	114,317,169	15,165,692	18,834,706	4,185,028	245,884	406,659	32,583
Massachusetts.....	15,187,774	86,304,347	3,364,516	4,980,262	1,041,482	45,753	19,629	5,311
Rhode Island.....	2,065,941	10,441,951	339,607	488,086	104,161	3,860	6,751	615
Connecticut.....	7,669,183	45,749,849	3,498,551	4,591,789	1,077,658	79,156	40,623	7,332
MIDDLE ATLANTIC:								
New York.....	77,807,161	597,363,198	23,461,702	74,714,376	6,268,386	390,049	2,624,552	33,195
New Jersey.....	10,156,600	67,698,219	3,622,411	5,894,363	1,059,935	77,824	24,377	9,277
Pennsylvania.....	42,808,802	336,208,572	61,158,115	74,221,085	15,668,223	1,442,676	857,167	152,000
EAST NORTH CENTRAL:								
Ohio.....	30,869,408	307,590,755	63,569,132	79,551,299	14,305,607	613,233	1,167,001	57,182
Indiana.....	16,666,374	194,736,962	43,181,817	51,042,396	9,402,994	63,619	178,733	7,800
Illinois.....	31,542,209	320,240,399	46,609,992	52,493,450	10,493,217	81,918	323,485	8,396
Michigan.....	26,727,538	283,387,201	50,405,426	60,051,998	11,808,872	291,176	331,176	36,228
Wisconsin.....	53,868,028	458,327,649	27,200,509	44,739,147	7,101,237	841,262	1,635,618	105,789
WEST NORTH CENTRAL:								
Minnesota.....	29,219,406	273,319,603	34,708,669	41,188,846	8,593,233	106,075	290,623	14,375
Iowa.....	31,196,883	318,954,506	38,679,568	61,789,288	9,061,041	78,538	306,428	10,689
Missouri.....	13,685,318	188,297,972	42,105,143	45,509,110	8,744,025	159,785	323,439	17,495
North Dakota.....	4,872,304	70,637,899	16,414,439	9,178,815	3,508,579	22,754	70,881	2,976
South Dakota.....	6,192,608	82,428,514	13,629,647	17,400,970	3,024,509	14,344	136,863	2,011
Nebraska.....	10,566,275	160,610,359	25,986,931	34,518,659	5,385,494	63,773	264,430	8,477
Kansas.....	13,091,739	172,742,767	29,647,881	41,640,772	6,432,083	27,927	291,445	3,976
SOUTH ATLANTIC:								
Delaware.....	1,089,497	7,859,857	1,563,161	1,629,949	400,428	700	104	114
Maryland.....	5,480,900	41,094,421	8,739,620	9,096,662	2,010,106	259,386	338,453	26,277
District of Columbia.....	117,335	555,342	6,155	3,478	1,754			
Virginia.....	7,704,326	95,555,051	26,651,244	19,905,830	5,683,060	97,263	31,697	9,191
West Virginia.....	5,000,138	71,230,033	18,969,699	16,913,129	4,054,498	70,473	74,243	9,063
North Carolina.....	5,789,583	82,601,779	26,059,585	16,913,802	5,213,783	39,353	28,883	3,729
South Carolina.....	2,800,605	37,361,666	12,329,567	8,150,437	2,562,561	12,909	1,081	2,542
Georgia.....	6,621,585	74,908,776	27,246,247	15,111,494	5,636,255	399	2,236	72
Florida.....	974,486	7,676,459	1,705,274	1,386,445	492,172	322	3,751	36
EAST SOUTH CENTRAL:								
Kentucky.....	9,055,813	125,566,917	38,130,687	30,446,381	7,117,905	56,148	45,759	4,843
Tennessee.....	8,715,441	117,101,970	39,827,906	29,091,696	7,392,901	18,592	26,622	2,168
Alabama.....	6,396,198	78,728,345	29,550,595	19,121,964	5,657,610	5,528	36,374	799
Mississippi.....	6,033,465	79,079,293	28,730,685	18,881,236	5,571,011	13,703	28,572	1,933
WEST SOUTH CENTRAL:								
Arkansas.....	6,587,428	83,081,875	29,907,337	21,585,258	5,883,584	20,435	18,385	3,027
Louisiana.....	2,761,380	32,702,130	6,232,006	4,918,229	1,430,059	190,089	135,104	18,065
Oklahoma.....	7,365,295	103,577,644	27,056,242	13,887,074	5,613,253	18,968	46,491	3,154
Texas.....	15,679,924	197,039,954	64,993,214	47,991,492	12,911,632	194,990	136,133	20,351
MOUNTAIN:								
Montana.....	2,093,594	16,982,145	2,820,574	2,454,072	811,792	49,988	30,924	8,195
Idaho.....	1,962,500	20,861,072	3,542,135	2,520,316	982,397	90,675	196,952	13,525
Wyoming.....	539,423	6,453,634	1,192,122	888,554	331,021	10,276	24,327	1,591
Colorado.....	4,174,270	33,631,723	5,856,132	4,932,482	1,565,224	69,895	103,184	10,045
New Mexico.....	726,692	6,815,942	1,477,617	313,003	402,263	81,869	68,571	13,515
Arizona.....	909,411	6,881,608	325,980	379,311	105,347	60,690	33,305	9,115
Utah.....	2,067,534	20,486,317	2,497,395	2,812,122	672,479	84,102	169,251	13,125
Nevada.....	518,179	4,356,555	403,885	569,523	121,649	10,245	94,082	1,786
PACIFIC:								
Washington.....	8,746,041	70,083,033	6,751,575	7,372,106	1,992,249	52,970	151,669	6,787
Oregon.....	6,067,024	56,106,599	5,667,964	8,107,450	1,599,931	169,205	467,256	23,151
California.....	20,443,977	154,901,956	15,301,871	20,853,360	4,085,992	2,777,873	4,249,588	383,494

<sup>1</sup> Includes Indian Territory.



## FACTORY PRODUCTION AND TOTAL PRODUCTION OF BUTTER AND CHEESE, BY DIVISIONS AND STATES.

Table 10 DIVISION OR STATE.	BUTTER AND CHEESE MADE IN FACTORIES.				BUTTER AND CHEESE MADE ON FARMS AND IN FACTORIES.			
	Butter (pounds).		Cheese (pounds).		Butter (pounds).		Cheese (pounds).	
	1909	1899	1909	1899	1909	1899	1909	1899
United States*.....	624,764,653	420,126,546	311,126,317	281,972,324	1,619,415,263	1,491,752,602	320,532,181	298,344,642
<b>GEOGRAPHIC DIVISIONS:</b>								
New England.....	(1)	40,577,569	3,002,744	5,955,597	(1)	92,032,196	3,676,609	6,968,700
Middle Atlantic.....	77,150,290	79,156,526	116,428,935	137,753,475	165,392,518	233,986,350	118,339,484	141,259,571
East North Central.....	193,171,121	115,330,640	178,532,241	116,643,076	424,137,997	403,208,930	180,423,449	120,279,089
West North Central.....	243,551,926	156,406,307	(1)	11,982,895	444,724,204	407,632,767	(1)	13,667,004
South Atlantic.....	(1)	3,772,086	(1)	112,860	(1)	92,883,312	(1)	593,308
East South Central.....	(1)	(1)	(1)	(1)	(1)	(1)	93,971	(1)
West South Central.....	(1)	474,489	(1)	137,268	(1)	88,856,542	(1)	473,381
Mountain.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pacific.....	57,038,701	18,320,915	6,208,883	5,354,234	84,780,111	54,653,831	9,208,931	10,222,747
<b>NEW ENGLAND:</b>								
Maine.....	2,105,622	4,461,399	55,591	553,946	15,404,851	20,635,572	173,807	979,048
New Hampshire.....	1,740,235	5,034,270	184,497	116,741	6,805,423	11,419,881	365,493	221,080
Vermont.....	20,227,495	22,453,381	2,762,656	4,713,105	35,393,187	41,288,087	3,008,540	5,119,764
Massachusetts.....	1,888,307	4,591,919		250,542	5,252,823	9,572,181	45,753	270,171
Rhode Island.....	(1)	148,195			(1)	636,281	3,860	6,751
Connecticut.....	1,950,935	3,888,405		321,263	5,449,486	8,480,194	79,156	351,886
<b>MIDDLE ATLANTIC:</b>								
New York.....	45,897,216	40,693,846	105,194,898	127,386,032	69,358,918	115,408,222	105,584,947	130,010,584
New Jersey.....	768,857	1,325,519		100,000	4,391,268	7,219,882	77,824	124,377
Pennsylvania.....	30,484,217	37,137,161	11,234,037	10,267,443	91,642,332	111,358,246	12,676,713	11,124,610
<b>EAST NORTH CENTRAL:</b>								
Ohio.....	17,491,251	8,087,631	11,860,601	18,156,527	81,060,383	87,638,930	12,473,834	19,323,528
Indiana.....	11,712,450	3,553,483	424,597	1,290,168	54,894,267	54,595,879	488,216	1,438,901
Illinois.....	24,570,976	34,055,312	4,799,235	9,055,119	71,180,968	86,548,762	4,881,153	9,378,004
Michigan.....	35,511,760	7,820,712	13,382,160	10,422,582	85,917,186	67,872,710	13,673,336	10,753,758
Wisconsin.....	103,884,684	61,813,502	148,065,648	77,748,680	131,085,193	106,552,649	148,906,910	79,384,298
<b>WEST NORTH CENTRAL:</b>								
Minnesota.....	88,842,846	41,174,469	2,735,883	3,285,019	123,551,515	82,363,315	2,841,958	3,575,642
Iowa.....	88,582,187	77,233,264	999,559	4,242,637	127,261,755	139,022,552	1,078,097	4,549,065
Missouri.....	10,261,876	1,440,616	219,112	1,072,751	52,367,019	46,949,726	378,897	1,396,190
North Dakota.....	3,683,679	463,188	(1)	225,399	20,098,118	9,642,003	(1)	296,280
South Dakota.....	9,495,608	6,172,107		420,779	23,125,255	23,573,077	14,344	557,642
Nebraska.....	23,973,162	11,726,180	77,122	313,600	49,900,063	46,244,839	140,895	578,030
Kansas.....	18,712,568	18,196,483	(1)	2,422,710	48,360,449	59,837,255	(1)	2,714,155
<b>SOUTH ATLANTIC:</b>								
Delaware.....	627,300	909,889	(1)	15,000	2,190,461	2,599,838	(1)	15,104
Maryland.....	1,118,530	2,541,716			9,858,150	11,638,378	259,385	338,453
District of Columbia.....					6,155	3,478		
Virginia.....	158,853	170,521	(1)	57,000	26,810,097	20,076,351	(1)	88,697
West Virginia.....	(1)	41,000	(1)	40,860	(1)	16,954,129	(1)	115,103
North Carolina.....					26,059,585	16,913,802	39,353	28,883
South Carolina.....					12,329,567	8,150,437	12,909	1,081
Georgia.....	78,058	48,960			27,324,305	15,160,454	399	2,236
Florida.....					1,705,274	1,386,445	322	3,751
<b>EAST SOUTH CENTRAL:</b>								
Kentucky.....	549,929	184,663		28,000	38,680,616	30,631,044	56,148	73,759
Tennessee.....		207,823		6,201	39,827,906	29,299,519	18,592	32,823
Alabama.....	(1)	17,357		10,000	(1)	19,139,321	5,528	46,374
Mississippi.....		(1)		(1)	28,730,685	(1)	13,703	(1)
<b>WEST SOUTH CENTRAL:</b>								
Arkansas.....	360,834	168,575		12,600	30,268,171	21,753,833	20,435	30,985
Louisiana.....	(1)		(1)		(1)	4,918,229	(1)	135,104
Oklahoma.....	4,110,978	* 53,200		* 66,378	31,167,220	* 13,940,274	18,968	* 112,869
Texas.....	2,133,590	252,714	(1)	58,290	67,126,804	48,244,206	(1)	194,423
<b>MOUNTAIN:</b>								
Montana.....	1,307,777	34,238			4,128,351	2,488,310	49,988	50,924
Idaho.....	2,357,386	432,570	(1)	194,380	5,899,521	2,952,886	(1)	391,332
Wyoming.....	783,585	(1)	(1)	(1)	1,975,707	(1)	(1)	(1)
Colorado.....	6,351,691	1,566,639	550,622	1,465,257	12,207,823	6,490,121	620,517	1,568,441
New Mexico.....	(1)				(1)	313,003	81,809	68,571
Arizona.....	1,053,809	424,083	421,043	373,752	1,379,849	803,394	481,733	407,657
Utah.....	3,722,784	2,519,214	1,060,122	1,874,176	6,220,150	5,331,336	1,144,224	2,043,430
Nevada.....	1,039,784	623,402		80,150	1,443,669	1,192,925	10,245	174,232
<b>PACIFIC:</b>								
Washington.....	11,302,591	3,198,421	422,290	1,482,127	18,054,166	10,570,527	475,260	1,633,796
Oregon.....	8,472,660	1,975,357	4,218,963	1,195,564	14,140,024	10,082,807	4,388,158	1,662,820
California.....	37,283,450	13,147,137	1,567,640	2,676,543	52,585,321	34,000,497	4,345,513	6,926,131

\* See footnote 2, Table 1 p. 344.

† Can not be shown separately, as to do so would disclose individual operations.

‡ Includes Indian Territory.



## WOOL AND MOHAIR.

Wool production in the United States as a whole: 1909 and 1899.—The reports of the enumerators at both the Twelfth and the Thirteenth Censuses were somewhat deficient with respect to wool production, and it has been deemed necessary to make estimates to cover this deficiency.<sup>1</sup> Table 11 shows for the United States as a whole the actual returns of the Thirteenth Census and the estimated totals for 1909 and 1899, respectively.

Table 11	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces.	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	598,047	39,644,046			
Wool produced, as reported, 1909.....	458,311		35,336,830	241,882,318	\$54,964,030
On farms reporting sheep April 15, 1910.....	423,580	31,636,132	33,849,587	232,357,186	52,708,063
On other farms.....	34,731		1,487,243	9,525,132	2,255,927
Total production of wool (partly estimated):					
1909.....			42,320,580	239,419,977	65,472,328
1899.....			43,999,229	276,567,584	45,670,053
Increase, 1899 to 1909 <sup>1</sup> .....			-1,678,649	12,852,393	19,802,275
Per cent of increase <sup>1</sup> .....			-3.8	4.6	43.4

<sup>1</sup> A minus sign (-) denotes decrease.

According to the returns there were on April 15, 1910, 598,047 farms with sheep of shearing age, the number of such sheep being 39,644,000. Of these farms, however, there were only 423,580, with 31,636,000 sheep of shearing age, for which the enumerators reported the production of any wool in 1909. The number of fleeces reported for these farms was 33,850,000. The enumerators reported also the production of 1,487,000 fleeces

in 1909 on 34,731 farms with no sheep of shearing age April 15, 1910. The total number of fleeces reported was thus 35,337,000.

It is believed that a much closer approximation to the true total can be obtained by an estimate based on the assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. On the basis of such an estimate, the total production of wool in 1909 was 42,321,000 fleeces. The production in 1899, also in part estimated at that time, was 43,999,000 fleeces, so that there was a decrease of 1,679,000 fleeces, or 3.8 per cent. Nevertheless, the estimated total weight increased from 276,568,000 pounds in 1899 to 289,420,000 in 1909, or 4.6 per cent, and the reported average weight per fleece increased from 6.3 pounds to 6.8 pounds.

The value of the wool clip increased from \$45,670,000 in 1899 to \$65,472,000 in 1909, or 43.4 per cent. The average value per pound rose from 17 to 23 cents, and the average value per fleece from \$1.04 to \$1.55.

Wool production, by divisions and states: 1909 and 1899.—Table 12 shows, by geographic divisions, the number of fleeces of wool actually reported and the estimated total number produced in 1909. Comparisons of the reported production and the estimated total production will show that in some geographic divisions the returns of the enumerators were much more nearly complete than in others.

DIVISION.	SHEEP OF SHEARING AGE APRIL 15, 1910		WOOL PRODUCED, AS REPORTED: 1909								Total production of wool, partly estimated (fleeces): 1909
			Total.		On farms reporting sheep April 15, 1910.			On farms not reporting sheep April 15, 1910.			
			Farms report- ing.	Fleeces.	Farms report- ing.	Number of sheep of shearing age April 15, 1910.	Fleeces.	Farms report- ing.	Fleeces.		
United States.....	598,047	39,644,046	458,311	35,336,830	423,580	31,636,132	33,849,587	34,731	1,487,243	42,320,580	
New England.....	19,888	306,443	16,565	298,362	15,038	264,889	277,399	1,527	20,963	320,647	
Middle Atlantic.....	50,281	1,290,455	42,771	1,197,730	39,205	1,098,357	1,126,133	3,566	71,597	1,292,189	
East North Central.....	218,693	6,534,854	178,768	6,110,086	166,425	5,512,231	5,726,750	12,343	383,336	6,780,541	
West North Central.....	103,227	3,524,749	72,959	2,828,460	66,072	2,519,677	2,561,904	6,887	266,556	3,588,936	
South Atlantic.....	74,765	1,552,068	58,737	1,335,639	54,896	1,270,637	1,274,292	3,841	61,347	1,560,105	
East South Central.....	85,835	1,513,833	60,992	1,217,989	56,279	1,108,185	1,144,184	4,713	73,805	1,563,103	
West South Central.....	18,742	1,662,445	11,062	1,854,732	10,290	1,282,979	1,781,254	772	73,478	2,293,160	
Mountain.....	15,027	19,509,675	8,218	16,074,406	7,769	15,369,378	15,692,354	449	382,052	19,910,938	
Pacific.....	11,589	3,778,894	8,239	4,419,426	7,606	3,209,799	4,265,317	633	154,109	5,010,961	

Table 13, on the following page, shows, by divisions, the amounts and percentages of increase or

decrease in the estimated total wool production from 1899 to 1909.

<sup>1</sup> There are various reasons for this failure of the enumerators to report the entire wool production. In some cases enumerators reported the number of sheep and neglected to report the wool produced in 1909. In other cases, farmers who did not have sheep in 1910 did have some in 1909, and it can not be assumed that the wool produced by such sheep in 1909 was in all cases reported, for the enumerator, after ascertaining that the farmer had no sheep in 1910, might neglect the subsequent inquiry as to wool produced in 1909. The number of farms which reported the production of wool in 1909 but no sheep on hand on April 15, 1910, was less than one-fourth of the number which reported sheep in 1910 but no wool production in 1909. Again, particularly in the case of tenant

farms, the farmer who occupied a farm at the time of the enumeration might not have occupied the same farm the preceding year. In cases of this sort the new occupant of the farm would be fairly well able to estimate the production of crops, from the acreage of stubble, but would often hesitate to make an estimate for the wool.

In making the estimate of the total production of wool which is presented in the table no account was taken of the 1,487,000 fleeces reported as produced in 1909 on farms with no sheep of shearing age in 1910, for this figure represents the wool production of only a part of the sheep which the estimate is designed to cover. Estimates were made for the several states, and combined to make the totals for geographic divisions and the United States.



There was a decrease between 1899 and 1909 in the number of fleeces produced in each of the divisions except the West North Central and Mountain divisions. The percentage of decrease was greatest in the New England division and next greatest in the Middle Atlantic, while the absolute decrease in number of fleeces was greatest in the Middle Atlantic division. In the Mountain division, which produced nearly half of the total wool clip of 1909, the increase in that year as compared with 1899 was 4.4 per cent. The percentages of increase or decrease in the weight of wool produced differ considerably from those based on the number of fleeces. In every division except the New England and Middle Atlantic there was a considerable increase between 1899 and 1909 in the value of wool produced, the increase in average value per pound more than offsetting the decrease in the quantity produced in four of the divisions.

**Table 13** INCREASE: 1899 TO 1909

DIVISION.	Fleeces.		Weight.		Value.	
	Number.	Per cent.	Pounds.	Per cent.	Amount.	Per cent.
United States.....	-1,678,649	-3.8	12,852,393	4.6	\$19,802,275	43.4
New England.....	-262,194	-45.0	-1,551,190	-43.6	-168,644	-22.7
Middle Atlantic.....	-776,851	-37.5	-5,032,373	-37.1	-308,667	-11.0
East North Central.....	-583,675	-7.9	-2,799,077	-5.4	3,603,550	33.8
West North Central.....	185,529	5.5	2,270,470	10.1	2,148,014	54.0
South Atlantic.....	-234,879	-13.1	-1,215,184	-15.4	355,325	22.2
East South Central.....	-89,831	-5.4	-412,891	-6.3	351,895	27.1
West South Central.....	-175,557	-7.1	208,018	1.9	769,388	45.2
Mountain.....	846,212	4.4	22,640,950	18.5	11,039,843	60.8
Pacific.....	-587,403	-10.5	-1,256,330	-3.4	2,020,571	42.8

<sup>1</sup> A minus sign (-) denotes decrease.

Table 14 shows for 1909 and 1899, in percentages, the distribution of the total number of fleeces produced among the geographic divisions, and also the average weight per fleece, the average value per fleece, and the average value per pound, in each division.

DIVISION.	PER CENT DISTRIBUTION OF NUMBER OF FLEECES.		AVERAGE WEIGHT PER FLEECE.		AVERAGE VALUE PER FLEECE.		AVERAGE VALUE PER POUND.	
	1909	1899	1909	1899	1909	1899	1909	1899
United States.....	100.0	100.0	6.8	6.3	\$1.55	\$1.04	\$0.226	\$0.165
New England.....	0.8	1.3	6.3	6.1	1.79	1.28	0.286	0.209
Middle Atlantic.....	3.1	4.7	6.6	6.6	1.93	1.35	0.292	0.207
East North Central.....	16.0	16.7	7.2	7.0	2.11	1.45	0.293	0.207
West North Central.....	8.5	7.7	6.9	6.6	1.71	1.17	0.248	0.177
South Atlantic.....	3.7	4.1	4.3	4.4	1.25	0.89	0.293	0.203
East South Central.....	3.7	3.8	3.9	4.0	1.05	0.78	0.269	0.198
West South Central.....	5.4	5.6	5.0	4.5	1.07	0.68	0.215	0.151
Mountain.....	47.0	43.3	7.3	6.4	1.47	0.95	0.201	0.148
Pacific.....	11.8	12.7	7.2	6.7	1.35	0.84	0.187	0.127

The distribution of the number of fleeces naturally conforms approximately to the distribution of the number of sheep. In 1909 the Mountain division produced 47 per cent of the total estimated number of fleeces; the East North Central 16 per cent; and the Pacific 11.8 per cent. These three divisions together contributed substantially three-fourths of the total number.

The average weight of fleeces in 1909 was higher in the three geographic divisions just named than in any of the other divisions, and decidedly lower in the three

southern divisions than elsewhere. The extreme range was from 7.3 pounds per fleece in the Mountain division to 3.9 pounds in the East South Central. The average weight was greater in 1909 than in 1899 in six of the divisions; in the South Atlantic and East South Central divisions it was slightly lower; and in the Middle Atlantic there was no change.

The average value of wool per pound in 1909, as reported by the producers, was lowest (18.7 cents) in the Pacific division. The maximum value (29.3 cents) is shown for the East North Central and South Atlantic divisions. The average value per pound increased materially in each of the geographic divisions between 1899 and 1909. In 1909 the average value per fleece was lowest (\$1.05) in the East South Central division and highest (\$2.11) in the East North Central.

Table 15, which appears on the following page, shows that in 1909 the leading states in the production of wool were Wyoming, Montana, New Mexico, Ohio, California, Idaho, Oregon, and Texas in the order named, each of these states having reported more than 2,000,000 fleeces.

**Mohair and goat hair: 1909 and 1899.**—Table 15 shows also the reported number of fleeces, and the weight and value of mohair and goat hair produced in 1909 and 1899, respectively, by geographic divisions and states.

The reports for the production of mohair are presumably about as defective as those for wool. The agricultural schedules, however, on account of the minor importance of goats, did not distinguish them by age, and it is scarcely possible to approximate the total production of mohair from the number of goats and kids of all ages taken together. In many sections of the country the number of goats on farms is insignificant and a considerable proportion of those which are kept are not shorn for mohair; consequently the production of mohair in several of the geographic divisions is of little significance.

The total reported production of mohair in 1909 was 1,683,000 fleeces, or more than three and one-half times as many as were reported in 1899. The reported weight of the mohair was 3,779,000 pounds, and the value, \$902,000. It is noteworthy that the average value of mohair per pound was somewhat lower in 1909 than in 1899, so that, although the average weight per fleece increased slightly during the decade, the average value per fleece decreased.

More than three-fifths of the mohair reported in 1909 was produced in the West South Central division, and nearly all of the remainder in the Mountain and Pacific divisions. The number of fleeces produced in the West South Central division was over five times as great in 1909 as in 1899, and in the Mountain division over three times as great. Very high relative increases also appear in some of the divisions where the number of fleeces produced is still very small.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## PRODUCTION OF WOOL AND MOHAIR, BY DIVISIONS AND STATES.

Table 15 DIVISION OR STATE.	SHEEP OF SHEARING AGE.		WOOL PRODUCED (PARTLY ESTIMATED).						MOHAIR PRODUCED.					
	April 15, 1910	June 1, 1900	Fleeces.		Weight (pounds).		Value.		Fleeces.		Weight (pounds).		Value.	
			1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
<b>United States..</b>	<b>39,644,046</b>	<b>39,852,967</b>	<b>42,320,580</b>	<b>43,999,229</b>	<b>239,419,977</b>	<b>276,567,584</b>	<b>\$65,472,328</b>	<b>\$45,670,053</b>	<b>1,632,912</b>	<b>454,932</b>	<b>3,778,706</b>	<b>961,328</b>	<b>\$901,597</b>	<b>\$267,864</b>
<b>GEOGRAPHIC DIVS.:</b>														
New England.....	306,443	563,217	320,647	582,841	2,006,040	3,557,230	574,577	743,221	1,298	750	4,445	1,749	1,275	611
Middle Atlantic.....	1,260,455	1,970,362	1,292,189	2,069,040	8,520,646	13,553,019	2,492,257	2,800,924	2,668	413	8,797	1,103	2,834	397
East North Central..	6,534,854	6,900,190	6,780,541	7,364,216	48,670,564	51,469,641	14,276,742	10,673,192	9,825	2,004	35,044	6,476	9,680	1,709
West North Central..	3,524,749	3,155,531	3,588,936	3,403,407	24,709,945	22,439,475	6,127,159	3,979,145	38,173	19,230	116,057	51,619	26,806	15,518
South Atlantic.....	1,552,698	1,706,199	1,560,105	1,794,984	6,677,028	7,892,212	1,955,262	1,599,937	7,172	676	21,009	1,718	6,980	501
East South Central..	1,513,833	1,489,730	1,563,103	1,652,934	6,123,485	6,536,376	1,648,579	1,296,684	5,223	1,062	13,241	2,747	3,685	815
West South Central..	1,662,445	1,839,118	2,293,160	2,468,717	11,359,271	11,151,253	2,442,998	1,682,610	1,084,893	194,930	2,016,736	278,411	472,315	78,370
Mountain.....	19,509,675	17,984,275	19,910,938	19,064,726	145,311,085	122,670,135	29,211,379	18,171,536	284,784	81,297	738,226	175,955	184,305	48,818
Pacific.....	3,778,894	4,244,345	5,010,961	5,598,364	36,041,913	37,298,243	6,743,375	4,722,804	248,876	154,570	825,151	441,550	193,717	121,125
<b>NEW ENGLAND:</b>														
Maine.....	149,934	252,213	157,455	258,300	947,622	1,478,018	266,080	318,585	168	24	639	105	207	21
New Hampshire.....	31,201	65,318	32,996	67,438	209,518	409,465	57,460	84,103	180	10	629	44	191	13
Vermont.....	84,360	182,167	90,716	191,884	625,722	1,334,253	192,002	268,967	97	1	471	5	136	2
Massachusetts.....	22,699	33,869	21,667	35,067	127,897	195,876	33,670	40,291	536	529	1,695	1,120	509	396
Rhode Island.....	4,206	6,629	4,353	6,828	24,009	35,180	6,835	8,741	1	3	2	10	1	2
Connecticut.....	14,043	23,021	13,460	23,324	71,272	104,438	18,530	22,534	316	183	1,009	465	231	177
<b>MIDDLE ATLANTIC:</b>														
New York.....	606,119	984,516	616,247	1,038,428	4,235,707	6,674,165	1,163,846	1,387,969	1,598	134	5,412	383	1,742	155
New Jersey.....	16,795	26,363	16,140	28,353	94,726	146,628	22,482	31,266	53	.....	187	.....	56	.....
Pennsylvania.....	637,541	959,483	659,802	1,002,259	4,190,213	6,732,226	1,305,929	1,381,689	1,017	279	3,198	720	1,036	242
<b>E. NORTH CENTRAL:</b>														
Ohio.....	2,890,163	2,648,250	3,073,450	2,897,604	21,685,258	20,350,721	6,749,005	4,299,025	1,624	95	5,840	469	1,684	112
Indiana.....	812,427	1,010,648	784,432	1,052,753	5,360,044	6,891,601	1,532,914	1,491,743	1,421	276	4,472	867	1,194	282
Illinois.....	658,484	629,150	682,337	674,625	4,971,380	4,799,742	1,299,218	966,746	4,117	953	14,922	2,793	4,008	751
Michigan.....	1,545,241	1,625,930	1,595,959	1,734,228	11,965,405	12,202,844	3,428,320	2,454,399	1,559	497	5,677	1,833	1,712	419
Wisconsin.....	628,539	986,212	644,363	1,005,096	4,688,477	7,234,733	1,267,285	1,461,279	1,104	183	4,133	514	1,082	145
<b>W. NORTH CENTRAL:</b>														
Minnesota.....	452,071	359,328	453,583	376,009	3,259,282	2,612,737	816,866	460,305	1,952	350	6,929	556	1,987	180
Iowa.....	799,917	657,868	729,484	715,334	5,484,702	5,015,965	1,413,711	992,334	8,703	10,760	29,206	28,080	7,261	8,607
Missouri.....	1,116,189	663,703	1,138,502	679,442	7,343,222	4,145,137	1,947,060	822,871	24,061	3,861	66,684	10,203	14,338	2,798
North Dakota.....	241,392	451,437	261,985	469,831	1,676,830	3,030,478	381,722	503,744	118	329	470	1,220	133	448
South Dakota.....	501,041	507,338	529,088	520,219	3,598,246	3,246,945	847,012	525,652	399	660	1,538	1,063	390	683
Nebraska.....	240,116	335,950	310,762	410,975	2,177,355	2,788,839	464,183	426,344	629	1,696	2,425	5,801	602	1,725
Kansas.....	204,023	179,907	165,532	231,597	1,170,308	1,599,374	256,605	247,895	2,311	1,574	8,806	4,066	2,095	1,077
<b>SOUTH ATLANTIC:</b>														
Delaware.....	4,415	6,964	3,150	7,021	19,059	32,350	5,125	6,618	70	.....	210	.....	52	.....
Maryland.....	126,251	111,520	122,071	113,598	705,320	632,119	199,909	142,966	465	.....	1,570	.....	474	.....
District of Columbia														
Virginia.....	438,719	392,125	431,694	399,113	1,937,252	2,020,735	564,386	409,602	2,614	139	8,047	343	2,913	113
West Virginia.....	566,952	572,739	558,095	587,381	2,719,684	3,123,455	839,555	636,012	3,248	73	8,991	140	2,699	43
North Carolina.....	140,070	208,812	157,811	240,189	493,882	797,176	130,724	150,510	335	127	1,020	416	469	96
South Carolina.....	27,926	52,436	28,167	55,233	86,819	175,290	20,432	31,537	196	30	486	73	128	26
Georgia.....	153,250	258,894	165,448	282,628	427,943	777,189	117,871	155,811	198	299	520	726	177	215
Florida.....	95,115	102,709	93,669	109,821	287,069	333,898	77,260	66,881	46	8	165	20	68	8
<b>E. SOUTH CENTRAL:</b>														
Kentucky.....	778,154	716,158	793,537	755,172	3,448,848	3,617,497	974,347	737,632	2,967	168	7,702	524	2,038	163
Tennessee.....	470,337	307,804	495,979	346,715	1,854,172	1,395,295	466,459	263,351	1,342	572	3,428	1,486	1,053	428
Alabama.....	109,112	229,298	120,039	299,118	339,884	744,274	85,677	150,943	383	237	808	469	238	140
Mississippi.....	156,230	236,470	153,548	251,929	480,581	779,310	122,096	144,758	531	85	1,303	268	356	84
<b>W. SOUTH CENTRAL:</b>														
Arkansas.....	96,517	168,761	101,318	194,726	376,877	636,474	86,045	118,922	3,118	700	7,265	1,763	1,516	487
Louisiana.....	139,308	169,234	137,985	171,269	442,865	547,641	99,424	90,317	538	118	1,044	385	226	92
Oklahoma.....	48,896	61,183	46,492	64,187	281,750	329,136	55,187	45,249	3,774	1,582	10,503	1,453	2,354	1,313
Texas.....	1,377,724	1,439,940	2,007,365	2,038,535	10,257,779	9,638,002	2,202,342	1,428,122	1,077,463	193,530	1,997,924	274,810	468,219	77,478
<b>MOUNTAIN:</b>														
Montana.....	4,959,835	4,215,214	4,724,747	4,348,568	37,669,031	30,437,829	8,223,754	5,136,658	2,357	1,254	8,328	2,750	2,056	824
Idaho.....	2,110,330	1,965,467	2,250,570	2,183,100	16,377,265	15,474,447	3,345,037	2,210,790	2,835	3,473	16,412	11,688	4,384	3,989
Wyoming.....	4,826,565	3,327,185	5,115,789	3,390,571	42,827,866	27,758,309	8,912,608	4,036,227	2,729	2,427	14,238	8,100	3,868	2,412
Colorado.....	1,305,596	1,352,823	1,253,686	1,390,400	7,563,219	8,543,937	1,458,003	1,115,331	2,547	814	7,894	1,843	2,024	550
New Mexico.....	2,894,984	3,333,743	3,092,784	3,659,417	16,994,017	15,209,199	3,131,971	1,954,171	155,980	55,765	394,895	113,545	96,158	29,917
Arizona.....	916,600	698,458	918,690	791,361	5,503,800	3,352,937	983,761	426,318	103,226	13,874	246,032	27,030	63,120	7,326
Utah.....	1,670,890	2,553,134	1,663,074	2,676,763	12,102,220	17,060,977	2,093,827	2,599,638	13,040	187	44,708	409	11,240	128
Nevada.....	824,875	568,251	891,598	624,546	6,273,667	4,842,500	1,062,418	692,403	2,070	3,503	5,719	10,590	1,455	3,672
<b>PACIFIC:</b>														
Washington.....	295,264	558,022	322,444	576,555	3,135,348	5,268,088	536,708	618,975	5,154	1,335	19,120	4,000	4,666	1,097
Oregon.....	1,958,342	1,961,355	2,125,717	2,139,604	18,841,892	18,349,660	3,782,721	2,396,741	141,588	79,258	523,435	267,780	128,230	74,363
California.....	1,525,288	1,724,968	2,562,800	2,882,305	14,064,703	13,680,495	2,423,946	1,707,088	102,134	73,977	282,596	169,770	60,821	45,665

\* Includes Indian Territory.



## POULTRY AND EGGS.

**United States as a whole: 1909 and 1899.**—As in the case of wool, the reports of the enumerators as to the production of poultry and eggs in 1909 were somewhat incomplete, and it was deemed desirable to make estimates to cover this deficiency, particularly in order to make the data comparable with those for 1899, which included estimates. Table 16 shows the actual returns of the quantity and value of eggs and of poultry produced in 1909, with estimated totals for that year and for 1899. No estimates have been made regarding the sale of eggs and poultry in 1909, although this was done at the preceding census, and it is probable that the reported figures, which are also given in the table, are less than the true totals, although perhaps not so deficient as the reported production.

Table 16	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.	5,585,032	295,880,190		
On farms reporting eggs produced in 1909.	4,833,759	273,255,924		
On other farms.	751,273	22,624,266		
Eggs produced, as reported, 1909.	4,883,507		1,457,385,772	\$281,157,980
Total production of eggs (partly estimated):				
1909.			1,591,311,371	306,688,960
1899.			1,293,662,433	144,240,541
Increase, 1899 to 1909.			297,648,938	162,448,419
Per cent of increase.			23.0	112.6
Eggs sold, as reported, 1909.	3,869,067		926,465,787	180,768,249
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.	4,761,774	270,540,564		
On other farms.	823,258	25,339,626		
Poultry raised, as reported, 1909.	4,832,496		445,650,124	185,390,856
Total poultry raised (partly estimated):				
1909.			488,468,354	202,506,272
1899.			136,830,152	65,676,120
Increase, 1899 to 1909.				48.0
Per cent of increase.				75.273,524
Fowls sold, as reported, 1909.	3,038,932		153,600,169	

The total number of farms which reported fowls on hand April 15, 1910, was 5,585,032, and the number of fowls, 295,880,000. Of these farms, however, the enumerators reported the production of eggs for only

4,833,759, the number of fowls on such farms in 1910 being 273,256,000, or about 8 per cent less than the total. The number of eggs reported (including that on the small number of farms, about 50,000, which reported eggs produced in 1909 but no fowls on hand in 1910) was 1,457,386,000 dozens. These returns may somewhat understate the production of eggs even on the farms to which they relate, since farmers seldom keep accurate records of egg production and are apt to underestimate it, particularly by underestimating the home consumption; but there is no means of judging the extent of the deficiency due to this cause. An estimate may, however, be made for farms which reported no eggs produced in 1909, although they had fowls in 1910.<sup>1</sup> In this way a total of 1,591,311,000 dozens is obtained as the approximate production of eggs in the country in 1909. The production of 1899 (also partly estimated) was 1,293,662,000 dozens, the increase in 1909 as compared with 1899 being 23 per cent.

The value of eggs produced in 1909 (including estimates) was \$306,689,000, or considerably more than twice as much as that for 1899. The average value per dozen, as reported by the farmers, increased from \$0.111 to \$0.193.

About three-fourths of the farmers who reported the production of eggs in 1909 reported also that they sold eggs during that year. The number sold by them, as reported, was 926,466,000 dozens.

<sup>1</sup> The reasons for the incompleteness of the reports of poultry and eggs produced are similar to those in the case of wool, set forth in a preceding footnote. The method of estimate used for poultry and eggs is slightly different from that used in the case of wool, and theoretically somewhat less correct. Instead of calculating the total production by applying to the total number of fowls the ratio between (1) the number of fowls on hand April 15, 1910, on farms reporting also the production of fowls or eggs in 1909, and (2) the total reported production of fowls or eggs in 1909 on the same farms, it was calculated from the ratio between (1) the number of fowls on hand April 15, 1910, on farms reporting also the production of fowls or eggs in 1909, and (2) the total reported production of fowls or eggs in 1909, which includes a small production on farms not reporting fowls on hand in 1910. The quantity produced on farms of the latter class was so insignificant as not to justify the additional labor of a separate tabulation.

DIVISION.	FOWLS ON HAND APRIL 15, 1910						EGGS PRODUCED, AS REPORTED: 1909		Total production of eggs, partly estimated (dozens): 1909	FOWLS RAISED, AS REPORTED: 1909		Total number of fowls raised, partly estimated: 1909
	Total.		On farms reporting eggs produced in 1909.		On farms reporting fowls raised in 1909.		Farms reporting.	Quantity (dozens).		Farms reporting.	Number.	
	Farms reporting.	Number.	Farms reporting.	Number.	Farms reporting.	Number.						
United States .....	5,585,032	295,880,190	4,833,759	273,255,924	4,761,774	270,540,564	4,883,507	1,457,385,772	1,591,311,371	4,832,496	445,650,124	488,468,354
New England .....	150,643	7,078,636	135,310	6,629,735	127,114	6,439,950	142,165	51,487,518	55,078,175	135,278	10,143,637	11,139,439
Middle Atlantic .....	428,443	26,004,625	390,783	24,546,744	379,783	24,124,144	396,012	152,222,031	161,921,598	386,012	33,689,001	36,313,031
East North Central .....	1,045,736	71,941,382	959,187	68,126,004	941,238	67,634,087	966,240	370,965,805	392,304,118	950,627	96,463,041	102,496,192
West North Central .....	1,007,771	88,684,488	885,546	82,504,127	874,560	82,201,207	891,590	413,838,848	446,336,192	882,408	114,871,313	123,853,667
South Atlantic .....	971,758	27,858,293	843,964	25,771,773	840,235	25,512,240	850,796	125,634,154	136,073,767	854,310	64,779,063	70,792,154
East South Central .....	897,145	26,918,569	762,182	24,583,558	760,641	24,391,225	769,893	117,141,106	129,133,681	771,066	55,402,822	61,199,837
West South Central .....	808,267	31,501,899	645,347	27,476,494	637,835	27,089,614	651,667	136,787,145	165,557,865	647,003	50,796,202	59,066,127
Mountain .....	126,986	5,708,606	92,715	4,626,338	88,163	4,492,090	94,781	28,518,888	35,504,102	91,165	6,912,613	8,799,190
Pacific .....	148,283	10,183,722	118,725	8,991,151	112,205	8,655,407	120,363	60,790,277	69,401,873	114,627	12,592,432	14,808,717



On the basis of similar estimates for farms with incomplete reports, the total number of fowls raised in 1909 (including those sold, killed, or on hand April 15, 1910) was 488,468,000 and their value \$202,506,000. The census of 1900 did not call for the number of fowls raised in 1899, but the value of fowls raised in that year (partly estimated) was \$136,830,000, the increase between 1899 and 1909 being 48 per cent. The number of fowls reported sold in 1909 was about one-third of the number raised.

**Divisions and states: 1909 and 1899.**—Table 17, on the preceding page, shows, by geographic divisions, the production of fowls and of eggs as reported for 1909, with estimates of the total production.

There is a decidedly greater difference in the Mountain, West South Central, and Pacific divisions than elsewhere between the reported production of eggs and fowls and the estimated total production.

Table 21 shows, by divisions and states, the total number and value of eggs produced and the total value of fowls raised (including estimates) in 1909 and 1899, respectively, and also the sales as reported.

The relative importance of the several geographic divisions in the production and sale of eggs and of fowls may be more conveniently judged by Table 18, which shows the percentages of the totals which were reported from each division.

Table 18

PER CENT OF UNITED STATES TOTALS.

DIVISION.	PER CENT OF UNITED STATES TOTALS.								Number of fowls sold: 1909
	Eggs produced.				Quantity of eggs sold: 1909	Fowls raised.			
	Quantity.		Value.			Number: 1909	Value.		
	1909	1899	1909	1899			1909	1899	
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	3.5	3.9	4.9	6.2	4.0	2.3	3.6	3.7	3.4
Middle Atlantic.....	10.2	10.9	12.2	13.6	11.9	7.4	10.6	11.4	10.7
East North Central.....	24.7	27.0	24.5	26.1	27.7	21.0	23.7	26.5	25.1
West North Central.....	28.0	28.4	25.3	25.4	29.8	25.4	25.8	24.5	23.8
South Atlantic.....	8.6	8.1	8.7	8.1	7.4	14.5	12.1	11.4	13.5
East South Central.....	8.1	8.1	7.3	7.1	6.8	12.5	9.4	10.2	10.0
West South Central.....	10.4	9.1	8.6	7.1	6.5	12.1	8.7	7.9	8.3
Mountain.....	2.2	1.4	2.8	2.1	1.5	1.8	2.2	1.4	1.4
Pacific.....	4.4	3.1	5.7	4.4	4.5	3.0	3.8	3.0	3.8

The distribution of the production of eggs and of poultry among the divisions naturally conforms more or less closely to the distribution of the number of fowls on hand. In 1909 the West North Central division produced 28 per cent of the eggs and 25.4 per cent of the fowls, the corresponding percentages for the East North Central division being 24.7 and 21, respectively. The West South Central division ranked third in the production of eggs, but the South Atlantic ranked third in the number of fowls raised.

In some of the divisions a considerably larger proportion of the eggs produced and of the fowls raised

are sold than in other divisions, so that certain differences appear between the percentages showing the distribution of sales and those showing the distribution of production.

Table 19 shows, by geographic divisions, the increase in the quantity and value of eggs produced, and in the value of fowls raised, between 1899 and 1909.

DIVISION.	INCREASE: 1899 TO 1909					
	Eggs produced.				Fowls raised.	
	Quantity (dozens).	Per cent.	Value.	Per cent.	Value.	Per cent.
United States.....	297,648,938	23.0	\$162,448,419	112.6	\$65,676,120	48.0
New England.....	4,391,595	8.7	6,192,593	69.1	2,315,087	45.9
Middle Atlantic.....	20,844,178	14.8	17,858,461	90.9	5,948,589	38.2
East North Central.....	42,784,628	12.2	37,614,304	100.0	11,694,914	32.2
West North Central.....	79,191,972	21.6	40,908,806	111.8	18,787,032	56.0
South Atlantic.....	30,723,771	29.2	14,858,386	127.1	8,860,158	57.0
East South Central.....	24,267,321	23.1	12,009,679	116.9	5,225,245	37.6
West South Central.....	48,327,265	41.2	16,233,524	159.0	6,814,959	62.7
Mountain.....	17,343,535	95.5	5,601,807	187.9	2,486,450	131.8
Pacific.....	29,774,573	75.1	11,200,859	178.2	3,543,686	85.0

The absolute increase, both in the quantity of eggs produced and in the value of fowls raised, was greatest in the West North Central division, but the percentages of increase were higher in some of the divisions of the South and the West.

Table 20 shows, by geographic divisions, the average value of eggs and of fowls produced and sold, respectively, in 1909 and of eggs produced in 1899.

DIVISION.	AVERAGE VALUE.				
	Eggs per dozen.		Fowls.		
	Produced.		Sold.		
	1909	1899	Raised: 1909	Sold: 1909	
United States.....	\$0.193	\$0.111	\$0.195	\$0.415	\$0.490
New England.....	0.275	0.177	0.278	0.661	0.709
Middle Atlantic.....	0.232	0.139	0.232	0.593	0.642
East North Central.....	0.192	0.108	0.192	0.468	0.522
West North Central.....	0.174	0.100	0.173	0.423	0.490
South Atlantic.....	0.195	0.111	0.197	0.345	0.403
East South Central.....	0.173	0.098	0.172	0.313	0.373
West South Central.....	0.159	0.087	0.161	0.299	0.345
Mountain.....	0.242	0.164	0.245	0.497	0.561
Pacific.....	0.252	0.159	0.253	0.521	0.560

The average value of eggs produced in 1909, as reported by the farmers, ranged from 27.5 cents per dozen in the New England division to 15.9 cents in the West South Central. In most divisions the average value of eggs sold was reported at a slightly higher figure than that of eggs produced. In every division the average value of eggs produced was very much higher in 1909 than in 1899. The average value of all fowls raised in 1909 ranged from 66.1 cents each in the New England division to 29.9 cents in the West South Central, while the value of those sold ranged from 70.9 cents to 34.5 cents.



## LIVE STOCK PRODUCTS.

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## PRODUCTION AND SALES OF EGGS AND POULTRY, BY DIVISIONS AND STATES.

Table 21

DIVISION OR STATE.	EGGS PRODUCED (PARTLY ESTIMATED).				POWLS RAISED (PARTLY ESTIMATED).			EGGS SOLD, AS REPORTED.		POWLS SOLD, AS REPORTED.	
	Quantity (dozens).		Value.		Number.		Value.	Quantity (dozens).	Value.	Number.	Value.
	1909	1899	1909	1899	1909	1909	1899	1909	1909	1909	1909
United States.....	1,591,311,371	1,293,662,433	\$306,688,960	\$144,240,541	488,468,354	\$202,506,272	\$136,830,152	926,465,787	\$180,768,249	153,600,169	\$75,273,524
GEOGRAPHIC DIVISIONS:											
New England.....	55,078,175	50,686,580	15,155,991	8,963,398	11,139,439	7,361,038	5,045,951	37,025,214	10,288,343	5,156,345	3,657,885
Middle Atlantic.....	161,921,598	141,077,420	37,507,552	19,649,091	36,313,031	21,527,077	15,578,488	110,090,444	25,491,087	16,392,968	10,529,042
East North Central.....	392,304,118	349,519,490	75,237,900	37,623,596	102,496,192	47,972,887	36,277,973	256,349,132	49,181,738	38,497,611	20,104,214
West North Central.....	446,336,192	367,144,220	77,493,327	36,584,521	123,853,667	52,337,180	33,550,148	275,973,530	47,835,052	36,611,202	17,957,209
South Atlantic.....	136,073,767	105,349,996	26,545,679	11,687,293	70,792,154	24,413,963	15,553,805	68,946,260	13,615,214	20,774,474	8,377,958
East South Central.....	129,133,681	104,866,360	22,283,364	10,273,685	61,199,837	19,128,878	13,903,633	62,609,552	10,808,834	15,338,379	6,717,349
West South Central.....	165,557,865	117,230,500	26,395,765	10,192,241	59,065,127	17,681,375	10,866,416	60,044,751	9,654,886	12,727,015	4,389,435
Mountain.....	35,504,102	18,160,567	8,582,548	2,980,741	8,799,190	4,373,143	1,886,693	13,654,183	3,341,609	2,215,484	1,243,964
Pacific.....	69,401,873	39,627,300	17,486,834	6,285,975	14,808,717	7,710,731	4,167,045	41,673,721	10,551,486	5,886,691	3,296,408
NEW ENGLAND:											
Maine.....	14,935,959	13,304,150	3,792,335	2,038,225	2,601,733	1,454,815	955,468	10,340,134	2,659,117	1,213,689	727,748
New Hampshire.....	7,499,470	7,005,180	2,043,338	1,213,703	1,394,654	879,014	610,696	4,948,014	1,373,432	623,092	411,441
Vermont.....	7,037,082	6,271,880	1,715,221	959,965	1,282,524	759,362	689,109	4,451,120	1,092,578	579,614	387,410
Massachusetts.....	14,145,240	12,928,630	4,280,445	2,571,341	3,212,339	2,411,078	1,407,681	9,614,504	2,914,755	1,596,472	1,287,829
Rhode Island.....	2,894,081	3,217,310	848,527	656,845	602,335	482,015	398,790	2,246,679	609,984	295,413	245,325
Connecticut.....	8,566,343	7,959,430	2,476,125	1,523,319	2,045,854	1,374,754	984,207	5,424,763	1,578,477	848,065	598,132
MIDDLE ATLANTIC:											
New York.....	72,349,034	62,096,690	17,101,732	8,630,062	13,980,792	8,403,162	6,161,429	48,074,481	11,394,511	5,806,367	3,766,603
New Jersey.....	14,842,859	11,942,550	3,903,005	1,938,304	4,847,288	3,846,029	2,265,816	9,578,886	2,535,668	2,540,200	2,130,591
Pennsylvania.....	74,729,705	67,038,180	16,502,815	9,080,725	17,484,951	9,277,886	7,151,243	52,446,077	11,560,908	8,046,401	4,631,848
EAST NORTH CENTRAL:											
Ohio.....	100,889,599	91,766,630	19,748,658	10,280,709	23,433,005	10,997,633	8,847,009	69,575,637	13,608,860	9,123,564	4,754,091
Indiana.....	80,735,437	70,782,200	15,287,205	7,441,944	23,067,814	10,726,137	8,172,993	53,899,416	10,213,390	8,127,981	4,323,074
Illinois.....	100,119,418	86,402,670	18,940,454	8,942,401	32,352,888	15,404,028	11,307,599	62,036,857	11,745,315	12,096,388	6,335,037
Michigan.....	59,915,851	54,318,410	11,734,799	6,104,462	12,877,537	6,191,440	4,551,945	38,568,386	7,547,202	5,289,794	2,746,226
Wisconsin.....	50,623,813	46,249,580	9,526,784	4,854,020	10,764,948	4,653,649	3,398,427	32,268,836	6,065,971	3,859,884	1,945,786
WEST NORTH CENTRAL:											
Minnesota.....	53,807,974	43,208,130	9,767,410	4,437,148	11,862,787	4,714,919	2,927,717	34,347,776	6,212,270	3,704,433	1,796,502
Iowa.....	109,760,487	99,621,920	19,235,609	10,016,707	29,990,147	13,914,985	9,491,819	70,835,349	12,387,353	10,388,967	5,207,079
Missouri.....	111,816,693	85,203,290	19,345,602	8,315,371	31,913,210	14,572,585	9,525,252	71,886,145	12,452,508	10,656,882	5,833,472
North Dakota.....	17,294,322	7,438,400	3,045,687	782,790	4,043,481	1,530,402	594,751	6,464,074	1,142,043	588,492	283,972
South Dakota.....	25,067,489	17,349,750	4,244,231	1,727,392	6,186,427	2,355,567	1,020,382	14,226,323	2,371,555	1,314,046	570,844
Nebraska.....	46,929,923	41,132,140	7,990,377	4,068,002	15,274,150	5,866,508	3,499,044	25,380,697	4,322,484	3,750,940	1,588,357
Kansas.....	81,659,304	73,190,590	13,864,360	7,237,111	24,583,465	9,382,214	6,491,183	52,833,166	8,946,839	6,207,442	2,677,043
SOUTH ATLANTIC:											
Delaware.....	4,448,482	3,571,870	968,970	488,401	1,562,370	838,533	596,391	3,346,683	729,305	623,200	355,215
Maryland.....	15,533,732	12,511,450	3,235,759	1,572,682	5,949,459	3,011,382	2,077,490	10,526,537	2,191,615	2,273,501	1,313,301
District of Columbia.....	51,945	42,580	15,277	6,492	15,614	9,102	5,480	16,660	5,709	5,152	2,341
Virginia.....	35,100,663	25,560,460	6,882,276	2,836,899	16,290,508	6,145,236	3,744,654	21,113,160	4,180,530	6,059,990	2,666,705
West Virginia.....	19,159,008	17,242,400	3,672,193	1,877,675	5,543,096	2,238,696	1,843,752	11,762,888	2,250,302	2,009,230	960,436
North Carolina.....	23,556,124	17,704,020	4,256,769	1,810,116	15,227,685	4,496,767	2,689,970	10,471,857	1,908,721	4,617,041	1,430,191
South Carolina.....	11,049,468	9,007,700	2,162,797	925,966	8,811,348	2,548,179	1,539,753	2,766,645	547,894	1,554,709	487,065
Georgia.....	20,793,359	15,505,330	3,971,760	1,615,538	14,930,716	4,119,870	2,481,610	6,135,393	1,177,450	2,904,115	848,104
Florida.....	6,380,956	4,214,186	1,379,878	553,524	2,461,358	1,006,198	574,703	2,806,437	623,628	727,546	314,599
EAST SOUTH CENTRAL:											
Kentucky.....	44,313,377	35,337,340	7,605,116	3,460,697	19,247,287	6,037,008	4,970,063	24,744,940	4,250,081	5,036,361	2,272,477
Tennessee.....	42,043,104	31,807,990	7,258,146	3,115,335	17,415,208	5,774,175	4,282,740	24,597,449	4,248,340	5,330,639	2,075,792
Alabama.....	22,234,713	18,778,960	3,762,445	1,825,978	12,467,486	3,168,471	2,263,346	7,665,603	1,303,303	2,676,890	715,539
Mississippi.....	20,542,487	18,942,070	3,657,657	1,871,765	12,069,856	3,249,224	2,387,484	5,691,560	1,007,110	2,294,489	653,541
WEST SOUTH CENTRAL:											
Arkansas.....	27,054,674	25,694,860	4,459,272	2,328,509	10,808,758	2,868,562	2,179,634	10,814,594	1,735,524	2,344,601	688,528
Louisiana.....	14,657,544	12,820,290	2,448,502	1,281,713	6,337,010	1,943,515	1,425,116	5,622,297	920,544	1,058,236	333,820
Oklahoma.....	46,000,600	20,674,540	7,544,445	1,909,832	16,264,003	5,388,133	1,950,304	18,860,825	3,131,023	3,562,200	1,324,940
Texas.....	77,845,047	58,040,810	11,943,546	4,672,187	25,656,356	7,481,165	5,311,362	24,747,035	3,867,795	5,761,978	2,042,147
MOUNTAIN:											
Montana.....	6,004,051	3,002,890	1,610,766	631,143	1,432,741	797,450	398,487	2,116,624	584,953	371,847	237,050
Idaho.....	6,492,270	2,879,590	1,548,431	465,504	1,653,272	800,700	282,468	2,370,346	573,098	370,776	208,134
Wyoming.....	2,091,716	937,570	501,386	163,517	519,169	260,538	79,488	542,643	133,157	105,375	59,825
Colorado.....	10,652,396	5,704,290	2,444,006	852,978	2,706,945	1,393,039	587,536	4,260,285	981,851	670,128	384,812
New Mexico.....	2,976,233	839,890	683,441	157,175	932,045	367,907	90,152	882,856	212,679	194,917	80,848
Arizona.....	1,744,081	819,507	530,746	163,274	392,286	225,640	114,884	820,377	250,488	134,098	85,277
Utah.....	4,672,866	3,387,340	999,959	424,628	971,917	412,359	262,503	2,315,120	499,988	298,015	140,798
Nevada.....	870,489	599,490	263,813	122,522	190,815	115,510	71,175	345,932	105,395	69,328	47,220
PACIFIC:											
Washington.....	16,472,575	7,473,790	4,311,291	1,259,225	3,722,257	1,873,608	848,291	8,572,408	2,302,128	1,250,839	693,092
Oregon.....	11,906,903	7,709,970	2,912,849	1,162,071	2,655,492	1,416,608	826,687	6,233,626	1,531,932	957,644	584,460
California.....	41,022,395	24,443,540	10,262,694	3,864,679	8,430,968	4,420,515	2,492,067	26,867,687	6,717,426	3,678,208	2,018,856

\* Includes Indian Territory.



## HONEY AND WAX.

United States and states: 1909 and 1899.—Table 22 shows, for each division and state, the quantity of honey and of wax produced, respectively, and

their combined value, in 1909 and 1899. The figures are as reported by the enumerators, and probably somewhat understate the true production.

Table 22	HONEY PRODUCED (POUNDS).		WAX PRODUCED (POUNDS).		VALUE OF HONEY AND WAX.		DIVISION OR STATE.	HONEY PRODUCED (POUNDS).		WAX PRODUCED (POUNDS).		VALUE OF HONEY AND WAX.	
	1909	1899	1909	1899	1909	1899		1909	1899	1909	1899	1909	1899
United States	54,814,890	61,099,290	904,867	1,763,595	\$5,992,083	\$6,656,611							
GEOGRAPHIC DIVS.:							W. NO. CENTRAL—Continued:						
New England:							Nebraska	527,808	866,200	3,336	16,000	73,398	105,676
Middle Atlantic:							Kansas	609,785	1,187,569	4,332	19,236	84,437	151,873
E. North Central:							SOUTH ATLANTIC:						
W. North Central:							Delaware	62,777	101,410	2,756	1,960	8,235	10,536
South Atlantic:							Maryland	306,367	306,788	4,358	7,860	39,244	38,857
E. South Central:							District of Col.	3,657	530			477	55
W. South Central:							Virginia	1,344,360	1,708,320	23,883	60,110	173,927	195,886
Mountain:							West Virginia	1,550,739	1,673,120	11,090	30,180	231,630	199,089
Pacific:							North Carolina	1,809,127	2,477,800	76,400	135,920	230,586	263,730
							South Carolina	653,119	872,590	12,440	37,500	78,936	92,857
							Georgia	884,662	1,650,745	23,434	73,372	101,888	169,723
							Florida	747,832	677,540	18,635	32,290	60,906	58,500
NEW ENGLAND:							E. SOUTH CENTRAL:						
Maine	112,061	200,080	2,260	6,570	20,686	34,461	Kentucky	1,558,670	2,681,720	17,307	53,120	202,242	291,179
New Hampshire	65,038	89,260	792	3,350	13,623	17,686	Tennessee	1,468,123	2,404,550	28,864	79,590	183,062	259,691
Vermont	160,283	182,278	2,899	8,652	26,166	27,290	Alabama	891,954	1,930,410	50,043	102,020	99,977	197,232
Massachusetts	96,802	109,050	1,019	6,250	19,176	18,412	Mississippi	559,012	1,048,490	15,155	49,170	64,862	113,021
Rhode Island	14,221	28,450	185	890	2,959	5,156	W. SOUTH CENTRAL:						
Connecticut	145,722	122,960	1,096	4,090	25,913	16,576	Arkansas	913,515	1,405,320	20,403	59,340	112,968	156,943
MIDDLE ATLANTIC:							Louisiana	340,134	426,400	12,284	20,440	33,911	45,200
New York	3,191,733	3,422,497	43,198	84,075	389,642	332,795	Oklahoma	140,234	1,172,640	1,088	15,590	24,096	1,214,848
New Jersey	152,072	174,250	1,372	7,640	22,917	23,479	Texas	3,093,097	4,780,204	58,402	159,060	322,798	468,527
Pennsylvania	1,840,360	2,526,202	21,823	61,302	262,804	305,292	MOUNTAIN:						
E. NORTH CENTRAL:							Montana	163,510	19,940	394	120	21,935	3,706
Ohio	1,001,179	1,980,530	7,454	34,620	133,891	252,321	Idaho	1,011,068	379,450	8,018	6,550	88,382	42,725
Indiana	687,097	1,681,554	15,115	27,780	105,715	219,110	Wyoming	138,924	19,220	1,563	340	16,725	2,676
Illinois	1,428,640	2,961,080	26,240	75,290	300,763	343,200	Colorado	2,306,492	1,732,630	33,082	24,930	234,334	171,740
Michigan	2,507,810	2,099,460	28,524	38,860	296,742	230,012	New Mexico	439,528	139,998	5,345	2,200	39,639	13,836
Wisconsin	2,153,819	2,677,100	55,402	44,670	235,723	270,742	Arizona	1,025,282	930,420	15,012	13,080	57,203	67,489
W. NORTH CENTRAL:							Utah	1,138,091	1,292,118	16,667	23,740	79,763	94,364
Minnesota	976,262	986,446	16,890	20,626	124,617	118,884	Nevada	354,905	178,650	7,766	3,380	37,002	17,156
Iowa	2,374,080	2,539,794	44,266	49,314	285,429	305,183	PACIFIC:						
Missouri	2,105,815	3,018,929	23,784	60,258	274,174	348,004	Washington	503,580	530,790	4,038	9,540	66,391	65,211
North Dakota	11,064	7,530	92	90	1,869	1,149	Oregon	839,981	979,140	8,383	16,740	94,510	109,247
South Dakota	139,714	49,320	943	770	20,443	6,247	California	10,264,715	3,667,738	126,445	115,330	665,367	331,939

<sup>1</sup> Includes Indian Territory.

The total production of honey in the United States in 1909 was reported as 54,815,000 pounds, a decrease of 10.3 per cent as compared with 1899. Wax, which is a relatively unimportant product, showed a much greater decrease. The combined value of honey and wax in 1909 was \$5,992,000, or 10 per cent less than in 1899.

The geographic distribution of the production of honey naturally corresponds quite closely to that of the colonies of bees. The business of raising honey is very generally distributed throughout the country. There was a decrease in the production of honey between 1899 and 1909 in each of the geographic divisions except the Mountain and the Pacific.

## DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.

United States as a whole.—Table 23 shows for the United States as a whole, the number and value of

each class of domestic animals sold or slaughtered on farms during 1909.

Table 23	DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS IN 1909.								
	All classes.	Cattle (exclusive of calves).	Calves.	Horses.	Mules.	Asses and burros.	Swine.	Sheep.	Goats.
Total sold or slaughtered:									
Number	21,981,637	7,874,348	1,768,342	716,862	17,734	52,878,675	19,320,982	526,532	
Value	\$1,833,175,487	\$9,775,179	\$210,264,479	\$94,359,550	\$1,833,101	\$691,611,885	\$84,774,271	\$1,181,312	
Average value	83.36	7.59	118.90	131.63	103.37	13.08	4.34	2.24	
Sold:									
Number	20,572,997	6,742,748	1,768,342	716,862	17,734	37,500,158	18,991,456	407,563	
Value	\$1,562,936,694	\$5,328,181	\$210,264,479	\$94,359,550	\$1,833,101	\$463,011,115	\$82,506,542	\$946,810	
Average value	81.97	7.76	118.90	131.63	103.37	12.35	4.34	2.32	
Slaughtered:									
Number	1,408,640	1,131,600				15,378,517	529,526	118,969	
Value	\$270,238,793	\$7,446,998				\$228,600,770	\$2,267,729	\$234,502	
Average value	192.50	6.58				14.86	4.28	1.97	

The value of all domestic animals sold during 1909 was \$1,562,937,000, and that of animals slaughtered on the farm \$270,239,000, making a total of \$1,833,175,000. To the total value of animals sold, cattle (including calves) contributed \$710,015,000, or 45.4 per cent; horses, mules, and asses and burros together

\$306,457,000, or 19.6 per cent; swine \$463,011,000, or 29.6 per cent; and sheep and goats \$83,453,000, or 5.3 per cent. The number of cattle and sheep slaughtered on farms was equal to but a very small fraction of the number sold, but the number of swine slaughtered was more than two-fifths as great as the number sold.



The value of domestic animals sold as reported for 1909 (\$1,562,937,000) is not at all comparable with the value of animals sold as reported at the Twelfth Census (\$722,614,000), for the reason that the inquiry at the Thirteenth Census related to all animals sold from the farm, while that at the Twelfth Census related only to the sale of animals which had been raised on the farm reporting.

A very considerable number of the animals sold during any given year are animals previously purchased by the farmers, often during the same year. The practice of buying cattle, swine, and sheep to fatten for market is very common among farmers in some sections. Consequently the gross sales of domestic animals include much duplication. On the other hand, if the sales of animals not raised on the farm reporting are excluded, the additional value (often very great) which such animals may acquire between the time of purchase and the time of sale is omitted from the statistics. Finally, it should be noted that the value of animals sold or slaughtered, no matter how determined, by no means represents the true product of the stock raising industry. An animal, such as a horse or a cow, for example, which is raised by a farmer and retained indefinitely for draft or dairy purposes is just as much a product of agriculture as one sold or slaughtered; this is true, in fact, even though such animal merely replaces another which dies of age or disease.

Divisions and states.—Table 24 shows, by geographic divisions, the combined value of all domestic animals sold or slaughtered on farms in 1909.

DIVISION.	VALUE OF ALL DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS IN 1909.			PER CENT OF TOTAL VALUE OF ANIMALS.		
	Total.	Sold.	Slughtered.	Sold or slughtered.	Sold.	Slughtered.
<b>United States</b> .....	<b>\$1,833,175,487</b>	<b>\$1,562,936,694</b>	<b>\$270,238,793</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
New England.....	30,416,780	24,287,381	6,129,399	1.7	1.6	2.3
Middle Atlantic.....	89,563,068	62,350,683	27,212,385	4.9	4.0	10.1
E. North Central.....	422,925,855	366,849,902	56,075,953	23.1	23.5	20.8
W. North Central.....	715,336,435	664,809,849	50,526,586	39.0	42.5	18.7
South Atlantic.....	102,508,692	56,917,658	45,591,034	5.6	3.6	16.9
E. South Central.....	129,996,105	91,782,197	38,213,908	7.1	5.9	14.1
W. South Central.....	181,003,205	149,019,393	31,983,812	9.9	9.5	11.8
Mountain.....	100,115,107	93,035,953	7,079,154	5.5	6.0	2.6
Pacific.....	61,310,240	53,874,678	7,435,562	3.3	3.4	2.8

Of the total value of animals sold or slaughtered on farms, the West North Central division reported 39 per cent, the East North Central 23.1 per cent, and the West South Central 9.9 per cent, these three divisions together reporting nearly three-fourths of the total. With respect to the value of domestic animals slaughtered on farms, the East North Central division ranked first, followed by the West North Central and the South Atlantic.

Table 25 shows, by geographic divisions, the number and value of each separate class of domestic animals sold or slaughtered on farms during 1909.

DIVISION.	CATTLE (EXCLUDING CALVES).		CALVES.		Horses sold.	Mules sold.	Asses and burros sold.	SWINE.		SHEEP.		GOATS.	
	Sold.	Slughtered.	Sold.	Slughtered.				Sold.	Slughtered.	Sold.	Slughtered.	Sold.	Slughtered.
<b>NEW ENGLAND:</b>													
Number.....	434,193	75,679	437,321	101,098	33,894	276	11	325,828	177,154	181,504	41,719	1,048	157
Value.....dollars..	14,063,746	1,778,913	2,338,215	517,424	4,557,190	47,842	234	2,551,918	3,647,138	723,623	185,313	4,593	611
Average value.....dollars..	32.39	23.51	5.35	5.09	134.45	173.34	21.27	7.83	20.59	3.99	4.44	4.38	3.89
<b>MIDDLE ATLANTIC:</b>													
Number.....	840,906	160,473	1,397,252	295,923	103,705	6,515	198	1,075,090	1,135,912	733,294	80,724	1,965	274
Value.....dollars..	28,432,677	4,354,379	9,847,792	1,706,488	12,714,225	938,953	7,310	7,060,488	20,698,021	3,347,996	443,342	9,242	1,155
Average value.....dollars..	33.42	27.13	7.05	5.77	122.60	144.12	36.92	6.56	18.22	4.57	5.49	4.70	4.22
<b>EAST NORTH CENTRAL:</b>													
Number.....	2,788,939	214,287	1,965,546	289,053	476,628	89,665	2,668	11,464,960	2,944,811	3,944,079	57,686	13,439	739
Value.....dollars..	107,686,696	5,637,169	14,637,203	1,996,796	64,520,499	11,477,495	170,814	148,970,626	48,161,673	19,338,167	277,929	48,402	2,395
Average value.....dollars..	38.61	26.31	7.45	6.91	135.37	128.00	64.02	12.99	16.35	4.90	4.82	3.60	3.24
<b>WEST NORTH CENTRAL:</b>													
Number.....	7,334,405	317,527	1,137,087	145,954	636,502	251,347	5,925	17,179,803	2,664,171	2,694,142	45,612	47,825	2,297
Value.....dollars..	283,647,784	7,466,246	10,947,101	1,035,764	79,254,856	35,086,146	846,274	241,711,567	41,796,756	13,182,975	221,074	133,146	6,746
Average value.....dollars..	38.67	23.51	9.63	7.10	124.52	139.59	142.83	14.07	15.69	4.89	4.85	2.78	2.94
<b>SOUTH ATLANTIC:</b>													
Number.....	1,030,151	158,646	398,606	57,909	85,519	42,659	632	1,104,162	3,201,206	995,135	36,701	16,007	10,134
Value.....dollars..	29,366,065	2,880,386	3,636,567	370,705	9,270,128	5,652,701	39,692	5,132,246	42,172,962	4,387,828	151,433	32,431	15,548
Average value.....dollars..	28.51	18.16	7.62	6.40	108.40	132.51	62.80	4.65	13.17	4.41	4.13	2.03	1.53
<b>EAST SOUTH CENTRAL:</b>													
Number.....	1,527,324	129,846	318,428	27,723	98,074	160,392	2,313	2,454,112	2,556,039	1,157,673	34,236	29,825	18,629
Value.....dollars..	32,728,694	1,907,530	2,283,029	175,417	10,013,375	21,258,297	394,504	19,979,597	35,966,100	5,072,379	133,959	52,322	30,962
Average value.....dollars..	21.43	14.69	7.17	6.33	102.10	132.54	170.56	8.14	14.07	4.38	3.91	1.75	1.66
<b>WEST SOUTH CENTRAL:</b>													
Number.....	3,993,760	151,371	747,037	39,236	155,430	146,840	4,636	2,772,498	2,213,493	506,421	20,195	170,084	37,831
Value.....dollars..	83,712,953	2,406,722	6,300,102	300,863	13,141,491	17,554,241	292,650	25,930,428	29,147,393	1,658,693	61,340	368,775	67,494
Average value.....dollars..	20.96	15.90	8.51	7.67	84.55	119.55	63.13	9.35	13.17	3.28	3.04	2.17	1.78
<b>MOUNTAIN:</b>													
Number.....	1,720,298	115,113	133,240	38,572	110,040	7,327	1,028	392,900	208,106	6,787,685	153,572	77,821	39,383
Value.....dollars..	50,144,682	3,078,640	1,384,458	371,991	9,102,421	778,709	40,972	4,106,278	2,992,719	27,298,628	552,670	179,805	83,137
Average value.....dollars..	29.15	26.74	10.39	9.64	82.72	106.28	39.86	10.45	14.38	4.02	3.60	2.31	2.11
<b>PACIFIC:</b>													
Number.....	893,021	85,068	208,231	135,532	68,550	11,841	323	730,205	277,625	1,991,613	59,081	49,549	9,545
Value.....dollars..	27,902,619	2,178,818	1,403,634	971,556	7,090,294	1,565,166	40,651	7,567,967	4,018,011	7,496,253	240,669	118,094	26,514
Average value.....dollars..	31.25	25.42	7.17	7.17	112.19	132.18	125.85	10.36	14.47	3.76	4.07	2.38	2.78

In every geographic division except the East North Central the value of cattle and calves sold in 1909 exceeded that of any other class of animals, but in the East North Central division the value of swine sold was greater than that of cattle and calves.

Marked differences appear among the geographic

divisions with respect to the ratio between the number of animals—particularly swine—sold and the number slaughtered on the farm. In the leading hog raising sections, the East and West North Central divisions, the number sold in 1909 was several times greater than the number slaughtered on the farm, but



in the Middle Atlantic, South Atlantic, and East South Central divisions the number sold was less than the number slaughtered.

It should be noted that the wide variations in average value for asses and burros sold are due to the fact

that in some sections the sales include many high-priced breeding jacks, while in others they represent chiefly pack burros.

Table 26 presents data regarding animals sold or slaughtered on farms in individual states.

NUMBER AND VALUE OF DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS, BY STATES: 1909.

Table 26	VALUE OF ALL DOMESTIC ANIMALS.		NUMBER, BY CLASSES.													
	STATE.	Sold.	Slaughtered.	Cattle (excluding calves).		Calves.		Horses sold.	Mules sold.	Asses and burros sold.	Swine.		Sheep.		Goats.	
				Sold.	Slaughtered.	Sold.	Slaughtered.				Sold.	Slaughtered.	Sold.	Slaughtered.	Sold.	Slaughtered.
United States ..	\$1,562,936,694	\$270,238,793	20,572,997	1,408,640	6,742,748	1,131,600	1,768,342	716,862	17,734	37,500,158	15,378,517	18,991,456	529,526	407,563	118,989	
NEW ENGLAND:																
Maine.....	6,531,033	1,888,888	83,932	18,755	98,577	27,396	12,003	44	6	88,167	47,319	89,522	23,277	313		
New Hampshire...	3,482,591	847,159	54,904	9,116	64,347	10,650	4,966	58		43,008	22,563	14,340	5,987	215	6	
Vermont.....	5,990,550	1,468,345	145,955	18,832	102,781	41,375	7,158	55	1	93,720	50,786	64,044	6,609	179	86	
Massachusetts.....	5,014,442	1,006,088	81,661	13,521	95,486	14,187	5,963	16	1	63,930	27,754	6,558	2,412	275	19	
Rhode Island.....	580,949	165,634	11,177	6,699	9,653	1,175	579	8	1	7,725	3,674	1,153	749	7		
Connecticut.....	2,687,816	753,285	56,564	8,756	66,477	6,915	3,225	95	2	29,278	25,058	5,887	2,085	59	6	
MIDDLE ATLANTIC:																
New York.....	29,333,508	9,927,603	451,265	68,793	814,704	212,962	39,552	377	77	407,915	386,264	403,307	51,277	1,085	111	
New Jersey.....	3,433,924	1,562,926	30,954	3,175	112,885	14,025	4,921	245	1	88,639	73,709	9,356	1,229	82	19	
Pennsylvania.....	29,592,251	15,712,856	368,687	88,505	469,663	68,936	59,232	5,890	120	579,136	675,939	320,541	28,218	798	144	
E. NORTH CENTRAL:																
Ohio.....	74,632,856	14,964,130	558,429	54,040	362,046	31,180	104,500	3,864	320	2,317,507	768,195	1,287,373	16,754	3,838	89	
Indiana.....	81,437,250	11,458,882	463,825	27,122	251,470	21,731	110,115	32,577	242	3,030,547	646,581	584,778	3,714	1,685	187	
Illinois.....	132,622,547	14,438,127	1,029,835	38,466	410,590	81,079	165,925	52,426	2,028	3,745,309	762,545	534,030	4,284	4,232	199	
Michigan.....	35,915,379	7,652,048	319,063	43,619	293,525	61,896	52,432	484	50	981,880	381,247	1,140,614	17,818	2,410	117	
Wisconsin.....	42,241,870	7,562,766	417,796	51,040	647,915	93,167	43,656	314	28	1,389,717	386,243	397,284	15,116	1,274	147	
W. NORTH CENTRAL:																
Minnesota.....	34,121,517	6,942,498	442,034	79,226	176,970	80,493	45,790	687	341	1,038,711	314,597	242,613	16,231	815	161	
Iowa.....	298,069,001	10,147,302	2,130,255	73,454	256,071	18,235	181,556	15,612	96	5,524,519	507,167	594,869	6,180	15,775	213	
Missouri.....	143,967,060	15,272,156	1,300,754	32,059	254,702	8,779	124,585	150,436	3,316	4,425,428	949,318	883,160	7,461	24,500	1,558	
North Dakota.....	11,409,158	3,047,590	159,392	31,570	22,263	14,419	36,983	636	78	115,414	136,227	75,459	4,342	121	21	
South Dakota.....	35,722,056	2,637,084	519,607	28,475	48,862	7,034	50,858	1,511	332	721,838	117,781	227,837	7,246	1,067	68	
Nebraska.....	100,784,287	5,293,468	1,221,743	42,083	96,821	5,458	91,218	17,541	1,006	2,495,969	261,515	395,872	1,753	2,059	59	
Kansas.....	130,736,764	7,186,488	1,560,620	30,660	281,398	11,536	105,512	64,924	756	2,857,924	377,566	274,332	2,399	3,488	217	
SOUTH ATLANTIC:																
Delaware.....	768,034	570,575	7,070	551	19,292	414	1,453	307	5	20,979	27,588	1,301	87	15	2	
Maryland.....	5,399,896	3,069,871	56,863	5,870	92,359	2,110	10,549	1,882	64	143,415	180,406	76,827	2,052	319	13	
Dist. of Columbia..	16,519	7,937	344	8	416	28	9	8		17	383					
Virginia.....	20,124,937	8,857,649	314,925	20,058	119,002	5,086	31,878	7,021	115	293,493	537,797	410,025	9,185	1,994	168	
West Virginia.....	14,159,182	4,296,936	257,733	18,753	58,815	5,108	19,456	2,290	193	121,650	206,701	410,133	8,269	819	74	
North Carolina.....	7,209,308	11,317,680	163,015	36,132	52,137	14,602	12,236	10,885	151	246,796	783,247	75,437	9,763	2,876	2,301	
South Carolina.....	2,430,169	4,360,448	57,301	17,657	14,541	6,669	2,818	4,346	64	80,633	309,922	3,894	1,409	1,916	1,364	
Georgia.....	5,459,350	10,410,370	112,127	37,605	39,507	22,323	5,453	15,028	38	136,651	860,409	14,602	3,552	4,782	4,054	
Florida.....	1,350,243	2,699,568	60,773	22,012	2,537	1,569	1,667	892	2	60,528	294,753	2,916	1,454	3,286	2,258	
E. SOUTH CENTRAL:																
Kentucky.....	43,080,628	11,652,749	535,429	19,011	140,896	4,546	43,301	60,392	596	1,160,301	733,642	671,321	10,650	6,915	1,894	
Tennessee.....	37,637,861	12,209,506	540,891	33,483	114,620	9,548	39,011	78,170	1,535	1,082,134	742,123	456,484	13,490	9,988	4,563	
Alabama.....	5,543,718	7,066,346	198,226	42,946	30,694	7,872	7,787	12,661	88	123,078	581,615	18,539	5,251	8,022	8,385	
Mississippi.....	5,519,996	6,745,307	252,778	34,406	32,218	5,757	7,975	9,169	94	88,599	498,659	11,329	4,845	4,900	3,787	
W. SOUTH CENTRAL:																
Arkansas.....	12,914,397	7,409,195	379,676	38,088	86,235	8,379	22,073	25,443	530	376,466	616,350	49,356	5,705	8,675	5,499	
Louisiana.....	2,933,052	2,847,114	139,319	26,209	15,490	2,667	4,109	3,229	12	61,794	287,447	13,864	3,965	3,636	2,724	
Oklahoma.....	54,524,144	6,575,550	939,546	23,043	132,870	5,745	59,751	47,193	1,062	1,591,469	424,436	41,768	1,129	5,049	1,185	
Texas.....	78,647,800	15,151,953	2,535,219	64,031	512,442	22,445	69,497	70,975	3,032	742,769	885,260	401,433	9,396	152,724	28,423	
MOUNTAIN:																
Montana.....	20,346,948	1,262,151	272,996	19,755	18,389	8,748	31,037	950	6	37,471	33,143	1,543,632	13,785	1,159	52	
Idaho.....	11,791,655	1,074,048	145,948	12,216	19,098	4,789	13,484	495	15	150,230	47,437	1,021,847	8,494	701	88	
Wyoming.....	13,573,935	650,745	198,970	9,810	13,716	1,948	12,711	295	5	10,740	13,064	1,276,011	20,832	89	24	
Colorado.....	22,453,959	1,754,216	437,215	26,818	33,934	11,557	23,821	2,697	403	124,667	52,081	977,460	19,945	5,641	3,740	
New Mexico.....	10,099,489	842,396	306,347	16,316	16,169	3,658	11,208	2,038	379	20,280	21,929	1,009,504	58,839	48,398	26,037	
Arizona.....	4,531,545	315,552	146,852	10,773	7,525	1,144	4,357	216	69	9,780	3,299	205,496	8,125	17,765	6,634	
Utah.....	5,899,382	756,854	110,780	8,208	20,754	5,312	7,069	382	79	30,072	31,210	425,689	16,579	4,068	2,798	
Nevada.....	4,339,040	423,192	101,190	11,217	3,655	1,416	6,353	254	72	9,660	5,943	328,046	6,973		10	
PACIFIC:																
Washington.....	7,771,950	2,477,396	94,368	25,087	30,291	44,238	18,106	1,240	86	121,886	92,600	177,169	7,380	966	686	
Oregon.....	14,972,615	2,461,159	249,733	24,292	30,473	40,756	21,455	1,685	71	129,641	102,755	998,484	15,786	28,832	4,858	
California.....	31,130,113	2,497,007	548,920	36,319	147,467	50,538	28,989	8,916	166	478,678	82,270	815,960	35,915	19,751	4,001	



## CHAPTER 13.

### FARM CROPS—ACREAGE, PRODUCTION, AND VALUE.

(WITH STATISTICS OF PURCHASE AND SALE OF CROPS SUITABLE FOR FEEDING ANIMALS, AND OF FARM EXPENDITURES FOR LABOR AND FERTILIZERS.)

**Introduction.**—This chapter presents in condensed form the main results of the Thirteenth Census of the United States with reference to the production of crops in 1909. It also contains statistics relating to the purchase and sale of crops suitable for feeding animals and to farm expenditures for labor and fertilizers. Statistics pertaining to Alaska, Hawaii, Porto Rico, and other outlying possessions are not included in the tables.

The tables give figures for each crop by states, though in the case of less important crops states are not named where the production is insignificant. All of the data published in this chapter regarding any particular state can also be found in the supplement for that state, where additional detail concerning the acreage and production of the principal crops by counties is also published.

The tables in general state the acreage, production, and value of each crop, by states, for the census years 1909 and 1899. In the case of orchard and tropical fruits, grapes, and nuts, the census inquiry was as to

the number of trees or vines rather than the acreage. For certain seeds and for straw and cornstalks, acreage was not tabulated because it would largely duplicate the acreage of primary crops. Forest products and maple sugar and sirup are mainly derived from unimproved land and statistics of acreage, even if they could be obtained accurately, would have little significance.

In any comparison of the crop of one year with that of another, acreage, where reported, forms a more accurate index than either the amount or the value of the crop. The crop yield is subject to variations from year to year, according to the prevalence of adverse or favorable weather conditions, while aggregate values reflect changes in the price per unit as well as in the amount of the crop. On the other hand, in the comparison of one crop with another the respective acreages do not indicate the relative importance so accurately as do aggregate values, since the value of the yield per acre for one crop may be much greater than for another.

#### CROPS IN GENERAL.

##### UNITED STATES AS A WHOLE.

**Acreage and value of all crops: 1909 and 1899.**—The principal results of the census of agriculture which relate to crops for 1909 and for 1899 for the United States as a whole are given in Table 1, on the following page.

The total value of all the crops of the United States in 1909 was \$5,487,000,000, as compared with \$2,999,000,000 in 1899. The increase in the later year as compared with the earlier was therefore \$2,488,000,000, or 83 per cent.

The value of the crops for which reports of acreage were secured amounted in 1909 to \$5,074,000,000, or about nine-tenths of the value of all crops. The total acreage of crops with acreage reports in 1909 was 311,293,382. In April, 1910, the land in farms in the United States, according to the census returns, amounted to 878,798,325 acres, of which 478,451,750 acres were improved. The crops with acreage reports, therefore, occupied 35.4 per cent of the total land in farms and 65.1 per cent of the total improved land. If the acreage of fruit and nut crops grown on improved land were added, the proportion of improved land occupied by all crops would probably be between 66 and 67 per cent. The crops with acreage reports

in 1899 occupied 283,218,280 acres, or 68.3 per cent of the improved land reported at the census of 1900. The area devoted to these crops increased by 9.9 per cent between 1899 and 1909, while improved land in farms increased by 15.4 per cent in the same period. The improved land not occupied by the crops specified includes land in improved pastures, land occupied by orchards, for which acreage was not reported, land lying fallow, and land in house yards and barnyards. It is possible that, because of the difficulty in discriminating precisely between improved and unimproved land, the figures for the improved land at the last two censuses are not wholly comparable. Attention is called to the fact that improved farm land, as reported, increased by 64,000,000 acres, while land in crops for which the acreage was given increased only 28,000,000 acres. It should be noted, however, that the acreage devoted to orchards and vineyards probably increased during the decade. There was also an increase of 20.4 per cent in the number of dairy cows, and doubtless a considerable increase in the improved land in pastures. In addition to these increases, it is quite probable that the amount of land lying fallow is greater at the present time than it was a decade ago because of the constant cropping.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

ACREAGE, PRODUCTION, AND VALUE OF ALL CROPS, FOR THE UNITED STATES: 1909 AND 1899.

Table 1

Table 1	ACREAGE.				PRODUCTION.				VALUE (DOLLARS).						
	CROP.	1909	1899	Increase. <sup>1</sup>		Unit.	1909	1899	Increase. <sup>1</sup>		1909	1899	Increase. <sup>1</sup>		
				Amount.	Per cent.				Amount.	Per cent.			Amount.	Per cent.	
All crops.....															
With acreage reports.....	311,293,382	283,218,280	28,075,102	9.9							5,487,161,223	2,998,704,412	2,488,456,811	83.0	
With no acreage reports.....											5,073,997,594	2,768,339,569	2,305,658,025	83.3	
											413,163,629	230,364,843	182,798,786	79.3	
Cereals.....	191,395,963	184,982,220	6,413,743	3.5	Bu.....	4,512,564,465	4,438,857,013	73,707,452	1.7	2,665,539,714	1,482,603,049	1,182,936,665	79.8		
Corn.....	98,382,665	94,913,673	3,468,992	3.7	Bu.....	2,552,189,630	2,606,324,370	-114,134,740	-4.3	1,438,553,919	828,192,388	610,361,531	73.7		
Oats.....	35,159,441	29,539,698	5,619,743	19.0	Bu.....	1,007,142,980	943,389,375	63,753,605	6.8	414,097,422	217,098,584	197,098,838	91.0		
Wheat.....	44,262,592	52,588,574	-8,325,982	-15.8	Bu.....	683,379,259	658,534,252	24,845,007	3.8	657,656,801	369,945,320	287,711,481	77.7		
Barley.....	7,698,706	4,470,196	3,228,510	72.2	Bu.....	173,344,212	119,634,877	53,709,335	44.9	92,458,571	41,631,762	50,826,809	122.1		
Buckwheat.....	878,048	807,060	70,988	8.8	Bu.....	14,849,332	11,233,515	3,615,817	32.2	9,330,592	5,747,853	3,582,739	62.3		
Rye.....	2,195,561	2,054,292	141,269	6.9	Bu.....	29,520,457	25,568,625	3,951,832	15.5	20,421,812	12,290,540	8,131,272	66.2		
Kafir corn and milo maize.....	1,635,153	266,513	1,368,640	513.5	Bu.....	17,597,305	5,169,113	12,428,192	240.4	10,816,940	1,367,040	9,449,900	691.3		
Emmer and spelt.....	573,622		573,622		Bu.....	12,702,710		12,702,710		5,584,050		5,584,050			
Rough rice.....	610,175	342,214	267,961	78.3	Bu.....	21,838,580	9,002,886	12,835,694	142.6	16,019,607	6,329,562	9,690,045	153.1		
Other grains and seeds.....										97,536,085	51,626,538	45,909,547	88.9		
With acreage reports.....	5,157,374	4,075,120	1,082,254	26.6						80,987,389	42,572,102	38,415,287	90.2		
Dry edible beans.....	802,991	453,841	349,150	76.9	Bu.....	11,251,160	5,064,490	6,186,670	122.2	21,771,482	7,633,636	14,137,846	185.2		
Other beans.....	14,947	25,738	-10,791	-41.9	Bu.....	179,733	143,388	36,345	25.3	241,060	134,084	106,976	79.8		
Dry peas.....	1,305,099	968,370	336,729	34.8	Bu.....	7,129,294	9,440,210	-2,310,916	-24.5	10,963,739	7,908,966	3,054,773	38.6		
Peanuts.....	869,887	516,654	353,233	68.4	Bu.....	19,415,816	11,964,109	7,451,707	62.3	18,271,929	7,270,515	11,001,414	151.3		
Flaxseed.....	2,063,142	2,110,517	-47,375	-1.3	Bu.....	19,512,765	19,979,492	-466,727	-2.3	28,970,554	19,624,901	9,345,653	47.6		
Miscellaneous seeds.....	81,308		81,308							768,625		768,625			
Grass seed.....					Bu.....	6,671,348	4,865,078	1,806,270	37.1	15,137,683	8,228,417	6,909,266	84.0		
Flower and vegetable seeds.....										1,411,013	826,019	584,994	70.8		
Hay and forage.....	72,290,776	61,691,069	10,599,707	17.2	Tons.....	97,453,735	79,251,562	18,202,173	23.0	824,004,877	484,254,703	339,750,174	70.2		
Tobacco.....	1,294,911	1,101,460	193,451	17.6	Lbs.....	1,055,764,806	868,112,865	187,651,941	21.6	104,302,856	56,987,902	47,314,954	83.0		
Cotton and cotton seed.....										824,696,287	370,708,746	453,987,541	122.5		
Cotton.....	32,043,838	24,275,101	7,768,737	32.0	Bales.....	10,649,268	9,534,707	1,114,561	11.7	703,619,303	323,758,171	379,861,132	117.3		
Cotton seed.....					Tons.....	5,324,634	4,767,353	557,281	11.7	121,076,984	46,950,575	74,126,409	157.9		
Sugar crops.....										61,648,942	32,604,680	29,044,253	89.1		
With acreage reports.....	1,285,031	790,308	494,723	62.6						56,471,133	29,967,978	26,503,155	88.4		
Sugar beets.....	364,065	110,170	253,923	230.5	Tons.....	3,932,857	793,353	3,139,504	395.7	19,880,724	3,323,240	16,557,484	498.2		
Sorghum cane.....	444,089	293,132	150,957	51.5	Tons.....	1,647,262	1,910,946	-262,784	-13.8	10,174,457	6,103,102	4,071,355	66.7		
Sugar cane.....	476,849	386,966	89,883	23.2	Tons.....	6,240,260	4,202,202	2,038,058	48.5	26,415,952	20,541,636	5,874,316	28.6		
Maple sugar and sirup.....										5,177,809	2,636,711	2,541,098	96.4		
Other minor crops.....										18,068,658	9,590,792	8,477,866	88.4		
With acreage reports.....	380,784	286,213	94,571	24.5						13,987,552	8,800,834	5,186,718	58.9		
Broom corn.....	326,102	178,584	147,518	82.6	Lbs.....	78,909,958	90,947,370	-11,987,412	-13.2	5,134,434	3,588,414	1,546,020	43.1		
Hemp.....	7,647	16,042	-8,395	-52.3	Lbs.....	7,483,295	11,750,630	-4,267,335	-36.3	412,699	546,338	-133,639	-24.5		
Hops.....	44,693	55,613	-10,920	-19.6	Lbs.....	40,718,748	49,209,704	-8,490,956	-17.3	7,844,745	4,081,929	3,762,816	92.2		
All other.....	12,342	35,974	-23,632	-65.7						595,674	584,153	11,521	2.0		
With no acreage reports.....										4,081,106	789,958	3,291,148	416.6		
Vegetables.....	7,073,379	5,638,220	1,435,159	25.5						418,110,154	238,531,761	179,578,393	75.3		
Potatoes.....	3,668,855	2,938,778	730,077	24.8	Bu.....	389,194,965	273,318,167	115,876,798	42.4	166,423,910	98,380,110	68,043,800	69.2		
Sweet potatoes and yams.....	641,255	537,312	103,943	19.3	Bu.....	59,232,070	42,517,412	16,714,658	39.3	35,429,176	19,869,840	15,559,336	78.3		
Other vegetables.....	2,763,269	2,162,130	601,139	27.8						216,257,068	120,281,811	95,975,257	79.8		
Fruits and nuts.....										222,024,216	133,048,721	88,975,495	66.9		
Small fruits.....	272,460	309,770	-37,310	-12.0	Qts.....	426,565,863	463,218,612	-36,652,749	-7.9	29,974,481	25,029,757	4,944,724	19.8		
Strawberries.....	143,045	151,363	-8,318	-5.5	Qts.....	255,702,035	257,427,103	-1,725,068	-0.7	17,913,926					
Blackberries and dewberries.....	49,004	50,211	-1,207	-2.4	Qts.....	55,343,570	62,189,885	-6,846,315	-11.0	3,909,831					
Raspberries and lo- ganberries.....	48,668	60,916	-12,248	-20.1	Qts.....	60,918,196	76,628,107	-15,709,911	-20.5	5,132,277					
Cranberries.....	18,431	20,364	-1,933	-9.5	Qts.....	38,243,060	31,600,512	6,642,548	21.0	1,755,613					
All other.....	13,312	26,916	-13,604	-50.5	Qts.....	16,359,002	35,373,005	-19,014,003	-53.8	1,262,834					
Orchard fruits.....					Bu.....	214,683,695	212,365,600	2,318,095	1.1	140,867,347	83,750,961	57,116,386	68.2		
Apples.....					Bu.....	146,122,318	175,397,600	-29,275,282	-16.7	83,231,492					
Peaches and nectar- ines.....					Bu.....	35,470,276	15,432,603	20,037,673	129.8	28,781,078					
Pears.....					Bu.....	8,840,733	6,625,417	2,215,316	33.4	7,910,600					
Plums and prunes.....					Bu.....	15,480,170	8,764,032	6,716,138	76.6	10,299,495					
Cherries.....					Bu.....	4,126,099	2,873,499	1,252,600	43.6	7,231,160					
Apricots.....					Bu.....	4,150,263	2,642,128	1,508,135	57.1	2,884,119					
All other.....					Bu.....	493,836	630,321	-136,485	-21.7	529,403					
Grapes.....					Lbs.....	2,571,065,205	1,300,984,097	1,270,081,108	97.6	22,027,961	14,090,234	7,937,727	56.3		
Tropical and subtro- pical fruits.....										24,706,753	8,227,838	16,478,915	200.3		
Oranges.....					Boxes.....	19,487,481	6,167,891	13,319,590	216.0	17,566,404					
Lemons.....					Boxes.....	2,770,313	876,876	1,893,437	215.9	2,993,738					
Pomegranates (grape- fruit).....					Boxes.....	1,189,250	30,790	1,158,460	3,762.3	2,060,610					
Figs.....					Lbs.....	35,060,395	12,994,834	22,065,561	169.8	803,810					
Pineapples.....					Crates.....	778,651	95,456	683,195	715.7	734,000					
Olives.....					Lbs.....	16,405,493	5,053,637	11,351,856	224.6	404,574					
All other.....										143,467					
Nuts.....					Lbs.....	62,328,010	40,028,825	22,299,185	55.7	4,447,674	1,949,931	2,497,743	128.1		
Almonds.....					Lbs.....	6,793,539	7,142,710	-349,171	-4.9	711,970					
Pecans.....					Lbs.....	9,890,769	3,206,850	6,683,919	208.4	971,596					
Walnuts (Persian or English).....					Lbs.....	22,026,524	10,668,065	11,358,459	106.5	2,297,336					
All other.....					Lbs.....	23,617,178	19,011,200	4,605,978	24.2	4,466,772					
Flowers and plants.....	18,248	9,307	8,941	96.1						34,872,329	18,758,864	16,113,465	85.9		
Nursery products.....	80,618	59,492	21,126	35.5						21,050,822	10,123,873	10,926,949	107.9		
Forest products of farms.....										195,306,283	109,864				

<sup>1</sup> A minus sign (-) denotes decrease.<sup>2</sup> Estimated.<sup>3</sup> Does not include coconuts, which are reported by number.<sup>4</sup> Includes value of coconuts.



The total value of crops in 1909 was equal to \$59.66 per capita of the population of the United States, while the value per capita in 1899 was \$39.46.<sup>1</sup> There were 6,361,502 farms in the United States in 1910, so that the value of crops in 1909 was equal to an average of \$863 per farm, while the average value of crops per farm for 1899 was \$523.<sup>2</sup>

The Census Bureau has made no attempt to ascertain the total net value of farm products for 1909, including both that of crops and that of animal products. Merely to add the value of these two groups of products together would involve extensive duplication, since large quantities of the crops reported are fed to the animals on the farms. It is impossible to ascertain accurately the amount of such duplication, and the attempt to do so which was made at the Twelfth Census was not considered satisfactory in its results. For this reason the relative importance of crops in the aggregate as a factor in the agricultural production of the United States can not be determined with accuracy.

**Relative importance of different crops: 1909 and 1899.**—In comparing the statistics for individual crops shown in Table 1, it should be noted that the returns are probably more accurate for the leading crops than for the minor crops. The reported production of fruits and vegetables is in all probability less than the true production, as a large proportion of these products are consumed on the farm and farmers are apt to underestimate the amount of such home consumption.

The relative importance of the various individual crops and groups of crops can best be judged from Table 2, which shows, for 1909 and 1899, the percentage of the total improved land occupied by each important crop for which acreage was reported and the percentage which the value of each important crop formed of the total for all crops. The table gives also the average value of each crop per acre wherever data are available.

In 1909, as already stated, crops with acreage reports occupied 65.1 per cent of the total improved land. Cereals occupied 40 per cent—nearly five-eighths of the total acreage of land in crops with acreage reports—hay and forage 15.1 per cent, and cotton 6.7 per cent. These three leading groups together thus occupied 61.8 per cent of the improved land. The distribution of the total value is somewhat different. Cereals in 1909 contributed 48.6 per cent of the total value of crops, hay and forage 15 per cent, cotton (including cotton seed) 15 per cent, vegetables (including potatoes and sweet potatoes and yams) 7.6 per cent, fruits and nuts 4 per cent, forest prod-

ucts of farms 3.6 per cent, tobacco 1.9 per cent, and sugar crops 1.1 per cent, leaving only 3.1 per cent for the other minor crops. Among the individual crops, corn, which occupied 20.6 per cent of the improved farm land in 1909 and contributed 26.2 per cent of the total value of crops in that year, is the most important. None of the other cereals has so great a value as either hay and forage or cotton (including cotton seed). As judged by value, wheat ranks fourth among the crops, oats fifth, and (disregarding forest products as being a combination of items) potatoes sixth.

There was no change in the ranking of the leading crops between 1899 and 1909, but there were, nevertheless, considerable changes in the proportion of improved land occupied by some of them, and in the proportion contributed to the total value of crops.

Table 2

CROP.	PER CENT OF IMPROVED FARM LAND OCCUPIED.		PER CENT OF TOTAL VALUE OF CROPS.		AVERAGE VALUE PER ACRE.	
	1909	1899	1909	1899	1909	1899
All crops.....			100.0	100.0		
With acreage reports.....	65.1	65.3	92.5	92.3	\$16.30	\$9.77
With no acreage reports.....			7.5	7.7		
Cereals.....	40.0	44.6	48.6	49.4	13.93	8.01
Corn.....	20.6	22.9	26.2	27.6	14.62	8.73
Oats.....	7.3	7.1	7.6	7.2	11.79	7.35
Wheat.....	9.3	12.7	12.0	12.3	14.86	7.03
Barley.....	1.6	1.1	1.7	1.4	12.01	9.31
Buckwheat.....	0.2	0.2	0.2	0.2	10.63	7.12
Rye.....	0.5	0.5	0.4	0.4	9.30	5.98
Kafir corn and milo maize.....	0.3	0.1	0.2	(1)	6.62	5.13
Emmer and spelt.....	0.1		0.1		9.73	
Rice.....	0.1	0.1	0.3	0.2	26.25	18.50
Other grains and seeds:						
Dry edible beans.....	0.2	0.1	0.4	0.3	27.11	16.82
Dry peas.....	0.3	0.2	0.2	0.3	8.40	8.17
Peanuts.....	0.2	0.1	0.3	0.2	21.00	14.07
Flaxseed.....	0.4	0.5	0.5	0.7	13.91	9.30
Grass seed and flower and vegetable seeds.....			0.3	0.3		
Hay and forage.....	15.1	14.9	15.0	16.1	11.40	7.85
Tobacco.....	0.3	0.3	1.9	1.9	80.55	51.74
Cotton (including cotton seed).....	6.7	5.9	15.0	12.4	25.74	15.27
Sugar crops:						
Sugar beets.....	0.1	(1)	0.4	0.1	54.60	30.16
Sorghum cane.....	0.1	0.1	0.2	0.2	22.91	20.82
Sugar cane.....	0.1	0.1	0.5	0.7	55.40	53.08
Maple sugar and sirup.....			0.1	0.1		
Sundry minor field crops:						
Broom corn.....	0.1	(1)	0.1	0.1	15.74	20.09
Hemp.....	(1)	(1)	(1)	(1)	53.97	34.06
Hops.....	(1)	(1)	0.1	0.1	175.53	73.40
Vegetables.....	1.5	1.4	7.6	8.0		
Potatoes.....	0.8	0.7	3.0	3.3	45.36	33.48
Sweet potatoes and yams.....	0.1	0.1	0.6	0.7	55.25	36.98
Other vegetables.....	0.6	0.5	3.9	4.0	78.26	55.63
Fruits and nuts.....			4.0	4.4		
Small fruits.....	0.1	0.1	0.5	0.8	110.01	80.80
Orchard fruits.....			2.6	2.8		
Grapes.....			0.4	0.5		
Tropical and subtropical fruits.....			0.5	0.3		
Nuts.....			0.1	0.1		
Flowers and plants.....	(1)	(1)	0.6	0.6	1,911.02	2,015.57
Nursery products.....	(1)	(1)	0.4	0.3	261.12	170.17
Forest products of farms.....			3.6	3.7		

<sup>1</sup> Less than one-tenth of 1 per cent.

By reason of the fact that the wheat area diminished and that of corn failed to keep pace with the increase in improved land, both of these leading crops, and the cereal group as a whole, occupied a smaller percentage of the improved farm land of the country in 1909 than in 1899, while hay and forage

<sup>1</sup> These per capita figures are based on the population of the United States on April 15, 1910, and June 1, 1900, respectively.

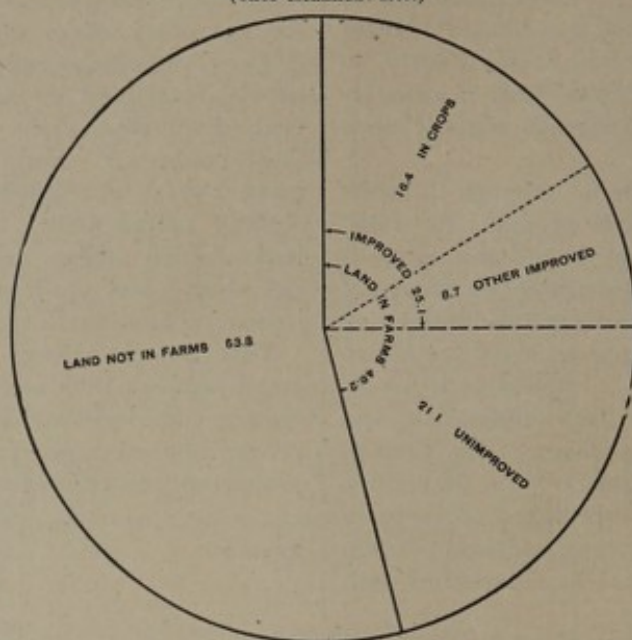
<sup>2</sup> These averages are based on the number of farms in the United States on April 15, 1910, and June 1, 1900, respectively.



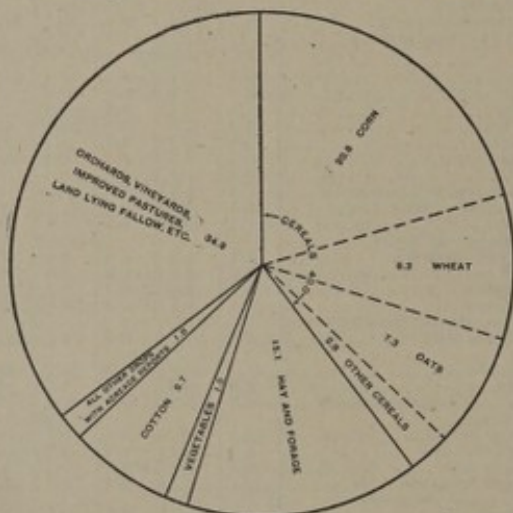
## ABSTRACT OF THE CENSUS—AGRICULTURE.

LAND AREA, PERCENTAGE DISTRIBUTION: APRIL 15, 1910.

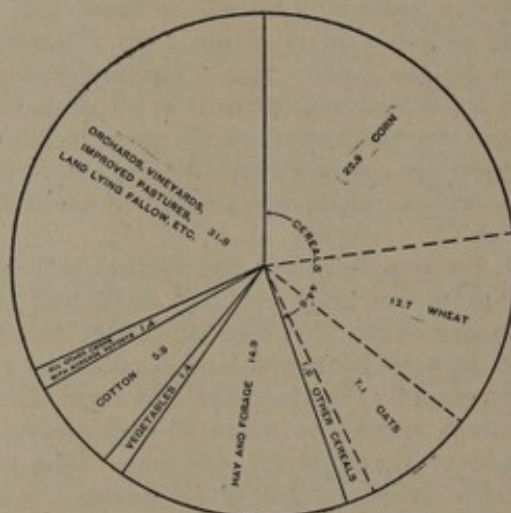
(CROP ACREAGE: 1909.)



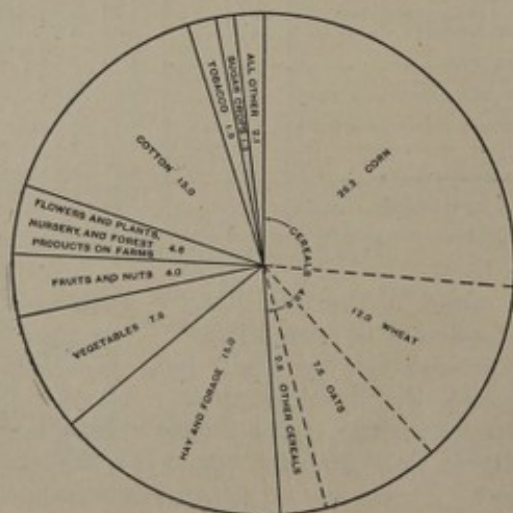
IMPROVED LAND, PERCENTAGE DISTRIBUTION: 1909.



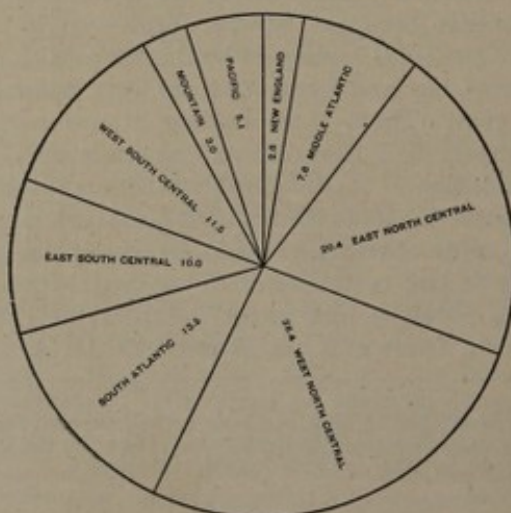
IMPROVED LAND, PERCENTAGE DISTRIBUTION: 1899.



VALUE OF ALL CROPS, PERCENTAGE DISTRIBUTION BY CROPS: 1909.



VALUE OF ALL CROPS, PERCENTAGE DISTRIBUTION BY DIVISIONS: 1909.





and cotton occupied a larger percentage. Hay and forage as well as the cereals, however, contributed a somewhat smaller proportion of the total value of crops in 1909 than in 1899, while cotton (including cotton seed) contributed a materially larger proportion. The combined acreage of cereals increased only 3.5 per cent during the decade 1899-1909, while that of hay and forage increased 17.2 per cent and that of cotton 32 per cent. Certain minor crops show higher percentages of increase in acreage than these leading crops.

The average value of crops per acre, for all crops with acreage reports combined, was \$9.77 in 1899, and \$16.30 in 1909. Naturally great differences appear among the individual crops with respect to average value per acre. These differences in no way indicate the relative profitableness of the different crops, however, as some crops require the use of much more valuable land and more expensive methods of cultivation than others.

**Relation of prices to increase in value: 1899 to 1909.**—A large part of the extraordinary increase in the total value of farm crops between 1899 and 1909 is attributable to higher prices. While the acreage of crops with acreage reports increased only 9.9 per cent, the value of such crops increased 83.3 per cent. The percentages of increase in the quantity of the various individual crops, as shown in Table 1, were in

nearly all cases much less than the percentages of increase in the value. Thus, for all cereals taken together, the production increased only 1.7 per cent, while the value increased 79.8 per cent; for hay and forage the production increased 23 per cent and the value 70.2 per cent; and for cotton (including cotton seed) the production increased 11.7 per cent and the value 122.5 per cent.

Table 3 shows, for the leading individual crops for which both quantity produced and value were reported at both censuses, the average value per unit in 1899 and 1909, with the percentage of increase. It also shows the value which would have been reported for each crop in 1909 if the average value per unit had been the same in that year as in 1899. In each case a comparison of the value of the 1909 crop computed on this basis with the actual value of the crop of 1899 shows the increase in value during the decade which was due to increased production; while a comparison of this computed value with the actual value of the crop in 1909 shows the increase during the decade which was due to the increase in prices. For certain crops, principally fruits and nuts, the values were not reported separately in 1900, and for certain other crops quantities were not reported at either census, but the table covers nine-tenths of the crops of the country as measured by value.

CROP.	Unit.	AVERAGE VALUE PER UNIT.		VALUE OF CROPS.			INCREASES: 1899 TO 1909 <sup>1</sup>				EXCESS OF ACTUAL VALUES OF CROPS OF 1909 OVER VALUES COMPUTED FOR 1909 ON BASIS OF PRICES OF 1899.	
		1909	1899	As reported: 1909	Computed for 1909 on basis of prices of 1899.	As reported: 1899	On basis of values as reported.		On basis of prices of 1899 for crops of 1909.		Amount.	Per cent.
							Amount.	Per cent.	Amount.	Per cent.		
All crops.....				\$5,487,161,223		\$2,998,704,412	\$2,488,456,811	83.0				
Crops compared.....				4,934,489,828	\$2,962,358,477	2,691,978,541	2,242,511,287	83.3	\$270,379,936	10.0	\$1,972,131,351	66.6
Crops not compared.....				552,671,395		306,725,871	245,945,524	80.2				
Cereals.....				2,665,539,714	1,510,529,214	1,482,603,049	1,182,936,665	79.8	27,926,165	1.9	1,155,010,500	76.5
Corn.....	Bu...	\$0.56365	\$0.31061	1,438,553,919	792,735,621	828,192,388	610,261,531	73.7	-35,456,767	-4.3	645,818,298	81.5
Oats.....	Bu...	0.41176	0.23013	414,697,422	231,773,814	217,098,584	197,598,838	91.0	14,675,230	6.8	182,923,608	78.9
Wheat.....	Bu...	0.96236	0.56177	657,656,801	383,901,966	369,945,320	287,711,481	77.8	13,956,646	3.8	273,754,835	71.3
Barley.....	Bu...	0.53338	0.34799	92,458,571	60,322,052	41,631,762	50,826,809	122.1	18,690,290	44.9	32,136,519	53.3
Buckwheat.....	Bu...	0.62835	0.51167	9,330,592	7,597,958	5,747,853	3,582,739	62.3	1,850,105	32.2	1,732,634	22.8
Rye.....	Bu...	0.69179	0.48069	20,421,812	14,190,188	12,290,540	8,131,272	66.2	1,899,648	15.5	6,231,624	43.9
Kafir corn and milo maize.....	Bu...	0.61469	0.26446	10,816,940	4,653,783	1,367,040	9,449,900	691.3	3,286,743	240.4	6,163,157	132.4
Emmer and spelt.....	Bu...	0.43960	0.43960	5,584,050			5,584,050				5,584,050	
Rough rice.....	Bu...	0.73355	0.70306	16,019,607	15,353,832	6,329,562	9,690,045	153.1	9,024,270	142.6	665,775	4.3
Dry edible beans.....	Bu...	1.93504	1.50729	21,771,482	16,958,761	7,633,636	14,137,846	185.2	9,325,125	122.2	4,812,721	28.4
Other beans.....	Bu...	1.34121	0.93511	241,060	168,070	134,084	106,976	79.8	33,986	25.3	72,990	43.4
Dry peas.....	Bu...	1.53784	0.83780	10,963,739	5,972,923	7,908,966	3,054,773	38.6	-1,936,043	-24.5	4,990,816	83.6
Peanuts.....	Bu...	0.94108	0.60769	18,271,929	11,798,797	7,270,515	11,001,414	151.3	4,528,282	62.3	6,473,132	54.9
Flaxseed.....	Bu...	1.48470	0.98225	28,970,554	19,166,412	19,624,901	9,345,653	47.6	-458,489	-2.3	9,804,142	51.2
Grass seed.....	Bu...	2.26906	1.60132	15,137,683	11,283,384	8,228,417	6,909,266	84.0	3,054,967	37.1	3,854,299	34.2
Hay and forage.....	Ton...	8.45534	6.11035	824,004,877	595,476,430	484,254,703	339,750,174	70.2	111,221,727	23.0	228,528,447	38.4
Tobacco.....	Lb...	0.09879	0.06565	104,302,856	69,310,960	56,987,902	47,314,954	83.0	12,323,058	21.6	34,991,896	50.5
Cotton.....	Bale	66.07208	33.95575	703,619,303	361,603,882	323,758,171	379,861,132	117.3	37,845,711	11.7	342,015,421	94.6
Cotton seed.....	Ton...	22.73902	9.84835	121,076,984	52,438,859	46,950,575	74,126,409	157.9	5,488,284	11.7	68,638,125	130.9
Sugar beets.....	Ton...	5.05503	4.18885	19,880,724	16,474,148	3,323,240	16,557,484	498.2	13,150,908	305.7	3,406,576	20.7
Sorghum cane.....	Ton...	6.17659	3.19526	10,174,457	5,263,430	6,103,102	4,071,355	66.7	-839,672	-13.8	4,911,027	80.3
Broom corn.....	Lb...	0.06503	0.03946	5,134,434	3,115,760	3,588,414	1,546,020	43.1	-472,654	-13.2	2,018,674	64.8
Hemp.....	Lb...	0.05515	0.04649	412,699	347,898	546,338	-133,639	-24.5	-198,440	-36.3	64,801	18.6
Hops.....	Lb...	0.19266	0.08295	7,844,745	3,377,620	4,081,929	3,762,816	92.2	-704,309	-17.3	4,467,125	132.3
Potatoes.....	Bu...	0.42761	0.35995	166,423,910	140,090,728	98,380,110	68,043,800	69.2	41,710,618	42.4	26,333,182	18.8
Sweet potatoes and yams.....	Bu...	0.59814	0.46733	35,429,176	27,680,923	19,869,840	15,559,336	78.3	7,811,083	39.3	7,748,253	28.0
Small fruits.....	Qt...	0.07027	0.05403	29,974,481	23,047,354	25,029,757	4,944,724	19.8	-1,982,403	-7.9	6,927,127	30.1
Orchard fruits.....	Bu...	0.65616	0.39437	140,867,347	85,216,927	83,750,961	57,116,386	68.2	1,465,966	1.8	55,650,420	65.3
Nuts.....	Lb...	0.07136	0.04871	4,447,674	3,035,997	1,949,931	2,497,743	128.1	1,086,066	55.7	1,411,677	46.5

<sup>1</sup> A minus sign (-) denotes decrease.



The total reported value of crops in 1899, compared in Table 3, was \$2,691,979,000, and the total reported value of the same crops in 1909, \$4,934,490,000, an increase of 83.3 per cent. Had the prices of 1899 prevailed, however, the value of these crops in 1909 would have amounted to \$2,962,358,000, or an increase of only 10 per cent over 1899, which indicates substantially the increase in the volume of the product. The difference between \$2,962,358,000 and \$4,934,490,000, or \$1,972,132,000, represents the amount added to the value of these crops by reason of the increase in prices over those for 1899, the average percentage of increase in prices being thus 66.6. For the most important individual crop, corn, the table shows that the actual value in 1909 was \$1,438,554,000, or 73.7 per cent more than the value of the crop of 1899. If there had been no change in value per bushel the value of the 1909 crop would have been \$792,736,000, or less than the value of the crop of 1899. The difference, \$645,818,000, represents the addition to the value of the corn crop of 1909 by reason of the increase of 81.5 per cent in the average value per bushel.

**Increase of crop production and consumption: 1899 to 1909.**—The percentage given above, 10 per cent, as representing the increase in the value of the crops of 1909, on the basis of the 1899 prices, over the value of the same crops in 1899, is nothing else than a consolidated expression of the general increase in the quantity of crops produced. Covering, as it does, nine-tenths of the crops of the country, it may properly be compared with the increase of 21 per cent in the population of the United States between 1900 and 1910. During the decade the increase in the number of farms was 10.9 per cent, the increase in rural population 11.2 per cent, and the increase in urban population 34.8 per cent. As already stated, the total acreage of crops with acreage reports increased 9.9 per cent between 1899 and 1909. It would appear, therefore, that in the aggregate there was practically no difference in the average quantity of crops produced per acre in the two years.

The increasing consumption of crops in the country has been supplied only in part by an increased production, the remainder being furnished in large measure by a curtailment of agricultural exports. Thus in the fiscal year ending June 30, 1900, the exportations of domestic breadstuffs amounted to \$262,744,078<sup>1</sup> in value, while in the fiscal year 1910 the exports of such commodities had sunk to almost one-half of this value, namely, \$133,191,330.<sup>1</sup> In view of the increase of prices in the 10 years, it will readily be understood that the exports have decreased in quantity considerably more than appears from the decrease in value.

**Acreage of leading crops: 1879 to 1909.**—Because of the difficulties arising from changes in prices, as well as because of some differences in the classification of

crops, a complete comparison of the census returns for 1909 with those obtained by the censuses prior to 1899 is not practicable. For some of the leading crops, however, a comparison with the censuses of 1879 and 1889, as well as of 1899, can be made upon the basis of acreage. The acreage of all cereals in 1879 was 119,000,000. It advanced in 1889 to 140,000,000 and in 1899 to 184,000,000. The increase in the acreage of some other important crops was more marked. In 1879 the acreage of hay and forage was 30,000,000, advancing to 53,000,000 in 1889, to 62,000,000 in 1899, and in 1909, to 72,000,000, which was considerably more than double the acreage of 30 years before. During the same period of time the cotton acreage has more than doubled, the acreage in 1879 being 15,000,000 and in 1909 32,000,000. Tobacco advanced comparatively little in acreage from 1879 to 1889 (639,000 to 695,000), but in 1899 tobacco was harvested from 1,101,000 acres and in 1909 from 1,295,000. Thus, among these four crops for which acreage figures are available for four censuses, the increase in the combined cereals has been less than that of the other crops, and in their proportion of the aggregate acreage represented by these crops the cereals are at the present time less important than they were 30 years ago. For these four crops the increase in the acreage from 1879 to 1909 amounted to 80.5 per cent, while the population of the country increased 83.4 per cent between 1880 and 1910.

#### DIVISIONS AND STATES.

**Distribution of all crops, by divisions: 1909 and 1899.**—Table 4 shows for each of the nine geographic divisions and also for certain larger sections of the country the total acreage and value of all crops with acreage reports, and the total value of all crops, including those without acreage reports, in 1909 and 1899. Table 5 gives percentages and averages based on Table 4. The North includes the first four geographic divisions, the South includes the next three, and the West the last two.

In the West North Central division, where the proportion of improved land occupied in 1909 by crops with acreage reports was highest, these crops occupied 69.8 per cent of the total improved farm acreage in that year, while in the Pacific division, where the proportion was lowest, they occupied 48.3 per cent. The Pacific division has a larger amount of land devoted to fruits and cultivated nuts than any of the other geographic divisions, but it is probable that even in that division the land in such crops in 1909 scarcely exceeded one-sixth of the land in crops for which the acreage was reported.

Of the total value of all crops those without acreage reports represent somewhat less than 10 per cent. Such crops are relatively important in the New England and Pacific divisions, where fruit crops and forest

<sup>1</sup> See Statistical Abstract of the United States, 1910, Table 217, page 431.



products of farms contribute a considerable proportion of the value of all crops. The contribution of such

crops to the total value is relatively least in the West North Central division.

DIVISION OR SECTION.	ACREAGE OF CROPS WITH ACREAGE REPORTS.				VALUE OF CROPS WITH ACREAGE REPORTS.				VALUE OF ALL CROPS.			
	1909	1899	Increase. <sup>1</sup>		1909	1899	Increase.		1909	1899	Increase.	
			Acres.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States..</b>	<b>311,293,382</b>	<b>283,218,280</b>	<b>28,075,102</b>	<b>9.9</b>	<b>\$5,073,997,594</b>	<b>\$2,768,339,569</b>	<b>\$2,305,658,025</b>	<b>83.3</b>	<b>\$5,487,161,223</b>	<b>\$2,998,704,412</b>	<b>\$2,488,456,811</b>	<b>83.0</b>
New England.....	4,658,850	4,865,803	-206,953	-4.3	114,399,237	79,380,064	35,019,173	44.1	141,113,829	95,220,019	45,893,810	48.2
Middle Atlantic....	17,329,196	18,619,446	-1,290,250	-6.9	359,434,892	263,721,811	95,713,081	36.3	416,248,625	304,829,335	111,419,290	36.5
East North Central..	59,790,579	59,223,811	566,768	1.0	1,047,989,193	622,755,503	425,233,690	68.3	1,117,182,160	674,955,402	442,226,758	65.5
West North Central..	114,689,460	101,243,210	13,446,250	13.3	1,403,517,381	714,017,756	689,499,625	96.6	1,445,909,494	736,910,961	708,998,533	96.2
South Atlantic.....	30,279,427	28,337,150	1,942,277	6.9	673,225,482	319,874,805	353,350,677	110.5	742,105,246	348,918,717	393,186,529	112.7
East South Central..	25,775,920	25,315,596	460,324	1.8	509,467,342	287,926,942	221,540,400	76.9	551,282,286	307,782,583	243,499,703	79.1
West South Central..	39,273,594	29,857,098	9,416,496	31.5	600,133,113	321,007,404	279,125,709	87.0	628,343,039	332,651,290	295,691,749	88.9
Mountain.....	8,859,062	5,392,495	3,466,567	64.3	152,358,297	54,187,588	98,170,709	181.2	163,897,753	56,731,556	107,166,197	188.9
Pacific.....	10,637,294	10,363,671	273,623	2.6	213,472,457	105,467,096	108,004,761	102.4	281,078,791	140,704,549	140,374,242	99.8
<b>The North.....</b>	<b>196,468,085</b>	<b>183,952,270</b>	<b>12,515,815</b>	<b>6.8</b>	<b>2,925,340,903</b>	<b>1,679,875,134</b>	<b>1,245,465,769</b>	<b>74.1</b>	<b>3,120,454,108</b>	<b>1,811,915,717</b>	<b>1,308,538,391</b>	<b>72.2</b>
The South.....	95,328,941	83,509,844	11,819,097	14.2	1,782,825,937	928,809,151	854,016,786	91.9	1,921,730,571	989,332,590	932,397,981	94.2
The West.....	15,496,356	15,756,166	-259,810	-1.7	365,830,754	159,655,284	206,175,470	129.1	444,976,544	197,436,103	247,540,441	125.4
East of the Mississippi.	137,833,972	136,361,806	1,472,166	1.1	2,704,516,146	1,573,659,125	1,130,857,021	71.9	2,967,932,146	1,731,706,056	1,236,226,090	71.4
West of the Mississippi.	173,459,410	146,856,474	26,602,936	18.1	2,369,481,448	1,194,680,444	1,174,801,004	98.3	2,519,229,077	1,266,998,356	1,252,230,721	98.8

<sup>1</sup> A minus sign (-) denotes decrease.

DIVISION OR SECTION.	PER CENT OF TOTAL FARM ACREAGE IN CROPS WITH ACREAGE REPORTS.		PER CENT OF IMPROVED FARM LAND IN CROPS WITH ACREAGE REPORTS.		DISTRIBUTION OF VALUE OF ALL CROPS.		AVERAGE VALUE OF CROPS WITH ACREAGE REPORTS PER ACRE OF LAND IN SUCH CROPS.	
	1909	1899	1909	1899	1909	1899	1909	1899
<b>United States..</b>	<b>35.4</b>	<b>33.8</b>	<b>65.1</b>	<b>68.3</b>	<b>100.0</b>	<b>100.0</b>	<b>16.30</b>	<b>9.77</b>
New England.....	23.6	23.7	64.2	59.8	2.6	3.2	24.56	16.31
Middle Atlantic....	40.1	41.5	59.1	60.5	7.6	10.2	20.74	14.16
East North Central..	50.7	50.9	67.2	68.3	20.4	22.5	17.53	10.52
West North Central..	49.3	50.4	69.8	74.6	26.4	24.6	12.24	7.05
South Atlantic.....	29.2	27.2	62.5	61.5	13.5	11.6	22.23	11.29
East South Central..	31.6	31.2	58.7	62.9	10.0	10.3	19.77	11.37
West South Central..	23.2	16.9	67.4	75.1	11.5	11.1	15.28	10.75
Mountain.....	14.9	11.6	55.7	64.2	3.0	1.9	17.20	10.06
Pacific.....	20.7	21.9	48.3	55.3	5.1	4.7	20.07	10.18
<b>The North.....</b>	<b>47.5</b>	<b>48.1</b>	<b>67.8</b>	<b>70.4</b>	<b>56.9</b>	<b>60.4</b>	<b>14.89</b>	<b>9.13</b>
The South.....	26.9	23.1	63.3	66.2	35.0	33.0	18.70	11.12
The West.....	17.6	16.5	51.4	58.0	8.1	6.6	18.76	10.13
East of the Mississippi.	37.6	37.1	63.2	64.3	54.1	57.7	19.62	11.54
West of the Mississippi.	33.8	31.2	66.6	72.5	45.9	42.3	13.06	8.14

In the value of all crops (including those without acreage reports) the West North Central division ranks first, its crops in 1909 being valued at \$1,445,909,000, or 26.4 per cent of the total for the country. This division, however, has 34.3 per cent of the improved farm land in the United States. The East North Central division contributed more than one-fifth of the total value of crops in 1909, and the South Atlantic nearly one-seventh. Of the value of all crops the North reported 56.9 per cent, the South 35 per cent, and the West 8.1 per cent. The proportion east of the Mississippi was 54.1 per cent and that west of the Mississippi 45.9 per cent.

In all of the geographic divisions except the New England and South Atlantic, crops with acreage reports occupied a somewhat smaller proportion of the improved acreage in 1909 than in 1899. In the New England and Middle Atlantic divisions the acreage in such crops decreased between 1899 and 1909; and a decrease would doubtless appear for all crops

combined if reports of acreage were available for all. The increase in the acreage of crops with acreage reports for the North (mainly in the West North Central division) was 6.8 per cent; that for the South (mainly in the West South Central division), 14.2 per cent; and that for the West, 23.7 per cent. The table shows that the increase for the territory east of the Mississippi was only 1.1 per cent, while for that west of the Mississippi it was 18.1 per cent.

The absolute increase in value of crops between 1899 and 1909 was greatest in the West North Central division (\$708,999,000), but the percentage of increase in that division (96.2) was less than that in the Mountain division (188.9), that in the South Atlantic division (112.7), or that in the Pacific division (99.8 per cent). For the North the increase in value of crops was 72.2 per cent, for the South 94.2 per cent, and for the West 125.4 per cent.

Relative importance of leading crops in the total production of each division, section, and state: 1909.—Tables 6, 7, and 8 have for their purpose the indication of the relative importance of the principal individual crops in the agriculture of each geographic division, section, and state.

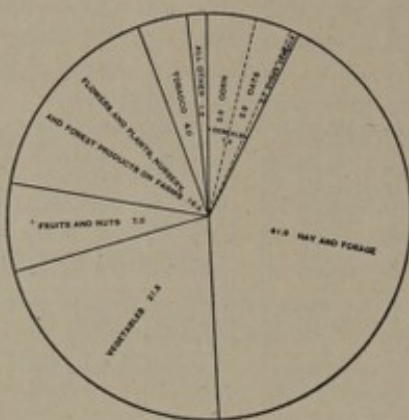
The distribution of the crops varies greatly in the different divisions and sections. As shown in Table 6, the value of cereals constituted 75.4 per cent of the total value of crops in the West North Central division and 65.4 per cent in the East North Central, but in no other division did the proportion exceed 35 per cent, and in New England it was only 7.6 per cent. As judged by value, hay and forage is the most important group of crops in the New England, Middle Atlantic, and Mountain divisions, while cotton is the most important crop in each of the three southern divisions; in the South as a whole the value of the cotton crop (including cotton seed) in 1909 was 42.7 per cent of the total value of all crops.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

VALUE OF ALL CROPS, PERCENTAGE DISTRIBUTION BY CROPS, BY DIVISIONS: 1909.

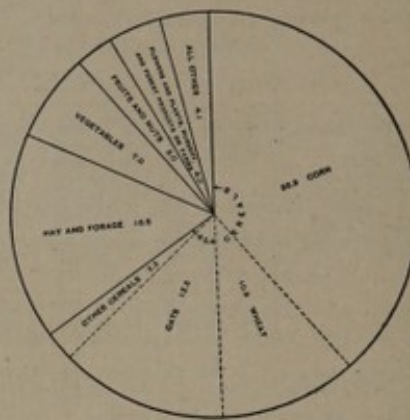
NEW ENGLAND.



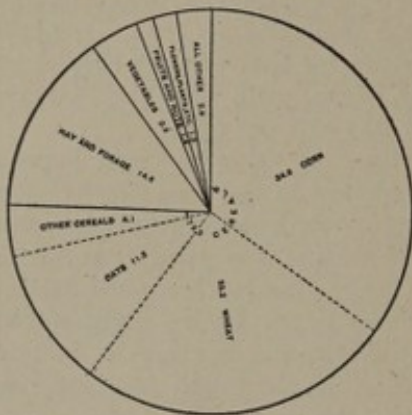
MIDDLE ATLANTIC.



EAST NORTH CENTRAL.



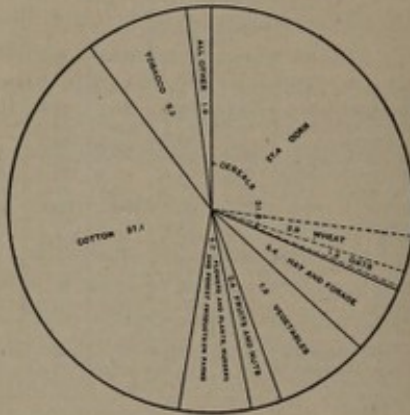
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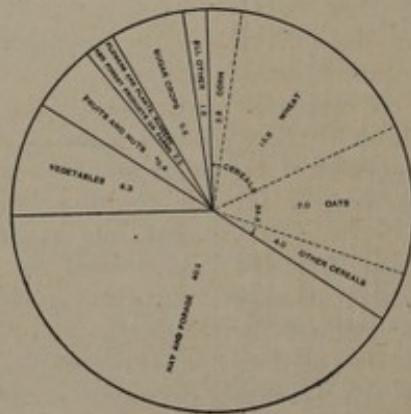
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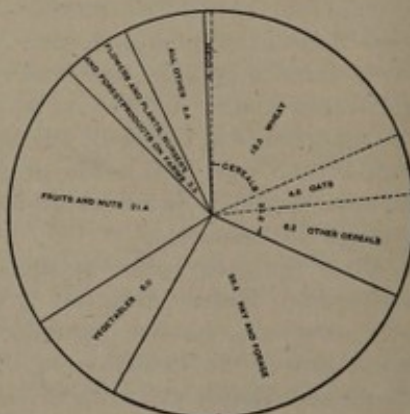
WEST SOUTH CENTRAL.



MOUNTAIN.



PACIFIC.





# FARM CROPS, BY STATES.

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PERCENTAGE OF VALUE OF ALL CROPS REPRESENTED BY INDIVIDUAL CROPS, BY DIVISIONS AND SECTIONS: 1909.

DIVISION OR SECTION.	Value of all crops.	CROPS WITH ACREAGE REPORTS.		CEREALS.										OTHER GRAINS AND SEEDS WITH ACREAGE REPORTS.					Seeds. <sup>2</sup>	Hay and forage.	Tobacco.	Cotton (including cotton seed). <sup>3</sup>
		Crops with acreage reports.	Crops without acreage reports. <sup>1</sup>	Total.	Corn.	Wheat.	Oats.	Barley.	Rye.	Buckwheat.	Kafir corn and milo maize.	Emmer and spelt.	Rice.	Total. <sup>1</sup>	Dry edible beans.	Dry peas.	Peanuts.	Flaxseed.				
United States...	100.0	92.5	7.5	48.6	26.2	12.0	7.6	1.7	0.4	0.2	0.2	0.1	0.3	1.5	0.4	0.2	0.3	0.5	0.3	15.0	1.9	15.0
New England.....	100.0	81.1	18.9	7.6	3.9	0.1	2.9	0.2	0.1	0.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0.3	0.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	41.9	4.0	( <sup>2</sup> )
Middle Atlantic.....	100.0	85.4	13.6	29.6	10.9	7.6	8.0	0.3	1.2	1.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0.9	0.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0.1	31.4	1.0	( <sup>2</sup> )
East North Central.....	100.0	93.8	6.2	65.4	38.9	10.9	13.3	1.4	0.6	0.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.2	0.9	0.3	( <sup>2</sup> )	( <sup>2</sup> )	0.6	16.5	1.4	( <sup>2</sup> )
West North Central.....	100.0	97.1	2.9	75.4	34.8	25.2	11.2	3.3	0.3	( <sup>2</sup> )	0.2	0.3	( <sup>2</sup> )	2.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.9	0.4	14.6	( <sup>2</sup> )	0.3
South Atlantic.....	100.0	90.7	9.3	26.2	20.1	3.9	1.8	( <sup>2</sup> )	0.1	0.1	( <sup>2</sup> )	( <sup>2</sup> )	0.1	2.5	( <sup>2</sup> )	0.5	1.9	( <sup>2</sup> )	( <sup>2</sup> )	5.1	4.4	40.8
East South Central.....	100.0	92.4	7.6	31.5	23.1	2.9	1.2	( <sup>2</sup> )	0.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0.7	( <sup>2</sup> )	0.3	0.4	( <sup>2</sup> )	0.1	8.4	8.3	37.1
West South Central.....	100.0	95.5	4.5	31.0	22.8	2.7	2.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.0	( <sup>2</sup> )	( <sup>2</sup> )	0.5	( <sup>2</sup> )	0.2	0.3	( <sup>2</sup> )	( <sup>2</sup> )	4.7	( <sup>2</sup> )	49.9
Mountain.....	100.0	93.0	7.0	34.6	2.8	15.8	12.0	3.4	0.2	( <sup>2</sup> )	0.3	0.1	( <sup>2</sup> )	1.0	0.3	( <sup>2</sup> )	( <sup>2</sup> )	0.4	0.6	10.5	( <sup>2</sup> )	( <sup>2</sup> )
Pacific.....	100.0	75.9	24.1	32.3	0.6	18.6	4.8	7.8	0.1	( <sup>2</sup> )	0.3	0.1	( <sup>2</sup> )	2.4	2.3	0.1	( <sup>2</sup> )	( <sup>2</sup> )	0.4	28.5	( <sup>2</sup> )	( <sup>2</sup> )
The North.....	100.0	93.7	6.3	62.6	31.7	16.6	11.2	2.1	0.6	0.3	0.1	0.2	( <sup>2</sup> )	1.5	0.5	0.1	( <sup>2</sup> )	0.9	0.4	18.8	0.8	0.1
The South.....	100.0	92.8	7.2	29.3	23.1	3.2	1.7	( <sup>2</sup> )	0.1	( <sup>2</sup> )	0.3	( <sup>2</sup> )	0.8	1.3	( <sup>2</sup> )	0.3	0.9	( <sup>2</sup> )	0.1	5.1	4.1	42.7
The West.....	100.0	82.2	17.8	33.1	1.4	17.6	7.5	6.2	0.1	( <sup>2</sup> )	0.3	0.1	( <sup>2</sup> )	1.9	1.5	0.2	( <sup>2</sup> )	0.2	0.5	31.7	( <sup>2</sup> )	( <sup>2</sup> )
East of the Mississippi.....	100.0	91.1	8.9	41.6	26.5	6.7	6.9	0.6	0.5	0.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.4	0.5	0.3	0.6	( <sup>2</sup> )	0.3	14.9	3.5	17.1
West of the Mississippi.....	100.0	94.1	5.9	56.9	25.9	18.2	8.3	3.0	0.2	( <sup>2</sup> )	0.4	0.2	0.6	1.6	0.3	0.1	0.1	1.1	0.3	15.2	( <sup>2</sup> )	12.6

DIVISION OR SECTION.	SUGAR CROPS.				SUNDRY MINOR CROPS.				VEGETABLES.				Flowers and plants.	Nursery products.	FRUITS AND NUTS.						Forest products farms. <sup>2</sup>	Miscellaneous. <sup>3</sup>
	Sugar cane.	Sorghum cane.	Sugar beets.	Maple sugar and sirup. <sup>2</sup>	Total. <sup>4</sup>	Broom corn.	Hemp.	Hops.	Total.	Potatoes.	Sweet potatoes and yams.	Other vegetables.			Total.	Orchard fruits. <sup>2</sup>	Small fruits.	Tropical and subtropical fruits. <sup>2</sup>	Grapes. <sup>2</sup>	Nuts. <sup>2</sup>		
United States...	0.5	0.2	0.4	0.1	0.3	0.1	( <sup>2</sup> )	0.1	7.6	3.0	0.6	3.9	0.6	0.4	4.0	2.6	0.5	0.5	0.4	0.1	2.6	0.1
New England.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	21.5	12.4	0.4	9.1	0.7	0.7	7.0	2.2	1.1	( <sup>2</sup> )	0.1	( <sup>2</sup> )	12.0	0.1
Middle Atlantic.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0.4	0.6	( <sup>2</sup> )	( <sup>2</sup> )	0.6	17.4	9.0	0.4	1.0	0.6	1.0	9.6	1.0	1.4	( <sup>2</sup> )	0.1	( <sup>2</sup> )	4.0	0.1
East North Central.....	0.1	0.5	0.2	0.2	0.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	6.9	2.4	0.1	0.1	0.3	0.3	3.0	2.2	1.4	( <sup>2</sup> )	0.1	( <sup>2</sup> )	2.9	0.1
West North Central.....	0.1	( <sup>2</sup> )	( <sup>2</sup> )	0.1	0.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.8	2.1	0.1	0.1	0.2	0.3	1.4	1.0	0.3	( <sup>2</sup> )	0.1	( <sup>2</sup> )	0.1	( <sup>2</sup> )
South Atlantic.....	0.3	0.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.8	1.9	2.2	5.1	0.3	0.2	2.8	2.1	0.6	1.0	0.1	( <sup>2</sup> )	0.1	0.1
East South Central.....	0.6	0.6	( <sup>2</sup> )	( <sup>2</sup> )	0.1	( <sup>2</sup> )	0.1	( <sup>2</sup> )	7.5	1.1	1.4	4.8	0.3	0.2	2.4	2.0	0.3	( <sup>2</sup> )	0.1	( <sup>2</sup> )	0.1	0.1
West South Central.....	3.1	0.3	( <sup>2</sup> )	( <sup>2</sup> )	0.4	0.4	( <sup>2</sup> )	( <sup>2</sup> )	4.8	0.9	1.0	2.0	0.1	0.3	1.4	0.6	0.3	0.1	( <sup>2</sup> )	0.1	0.1	0.1
Mountain.....	( <sup>2</sup> )	0.1	5.8	( <sup>2</sup> )	0.1	0.1	( <sup>2</sup> )	( <sup>2</sup> )	9.3	2.3	0.1	2.0	0.5	0.4	2.4	4.1	0.6	( <sup>2</sup> )	0.1	( <sup>2</sup> )	0.1	0.1
Pacific.....	( <sup>2</sup> )	( <sup>2</sup> )	1.6	( <sup>2</sup> )	1.9	( <sup>2</sup> )	( <sup>2</sup> )	1.9	2.3	5.5	0.1	4.4	0.8	1.3	21.4	2.3	1.2	6.0	2.9	1.1	2.2	0.1
The North.....	0.1	0.2	0.2	0.2	0.2	0.1	( <sup>2</sup> )	0.1	7.5	3.0	0.1	3.5	0.6	0.4	3.3	2.4	0.6	( <sup>2</sup> )	0.3	( <sup>2</sup> )	2.6	0.1
The South.....	0.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0.2	0.1	( <sup>2</sup> )	( <sup>2</sup> )	1.3	1.6	0.1	0.6	0.2	0.2	2.6	1.1	0.4	0.4	0.1	0.1	2.9	0.1
The West.....	( <sup>2</sup> )	( <sup>2</sup> )	3.2	( <sup>2</sup> )	1.2	( <sup>2</sup> )	( <sup>2</sup> )	1.2	2.5	4.2	0.1	4.2	0.7	0.9	15.5	7.6	1.0	2.8	2.5	0.7	2.7	0.1
East of the Mississippi.....	0.2	0.2	0.2	0.2	0.2	0.1	( <sup>2</sup> )	0.1	9.9	3.8	0.9	5.2	1.0	0.4	4.2	2.9	0.7	0.3	0.3	( <sup>2</sup> )	4.8	0.1
West of the Mississippi.....	0.8	0.2	0.6	( <sup>2</sup> )	0.4	( <sup>2</sup> )	( <sup>2</sup> )	0.2	4.9	2.2	0.3	2.4	0.3	0.4	3.9	2.1	0.4	0.7	0.5	0.2	2.1	( <sup>2</sup> )

<sup>1</sup> Includes small amounts of grains and seeds of secondary importance.  
<sup>2</sup> Crops without acreage reports.

<sup>3</sup> Less than one-tenth of 1 per cent.  
<sup>4</sup> Includes small amounts of minor crops of secondary importance.

PERCENTAGE OF IMPROVED FARM ACREAGE IN INDIVIDUAL CROPS, BY DIVISIONS AND SECTIONS: 1909.

DIVISION OR SECTION.	Im- proved farm land.	Crops with acre- age re- ports.	All cere- als. <sup>1</sup>	OTHER GRAINS AND SEEDS WITH ACREAGE REPORTS.					Hay and forage.	Tobacco.	Cotton.	SUGAR CROPS WITH ACREAGE REPORTS.				SUNDRY MINOR CROPS WITH ACREAGE REPORTS.		VEGETABLES.				
				Total. <sup>2</sup>	Dry edible beans.	Dry peas.	Peanuts.	Flaxseed.				Total.	Sugar beets.	Sorghum cane.	Sugar cane.	Total. <sup>3</sup>	Broom corn.	Total.	Potatoes.	Sweet potatoes and yams.	All other.	Small fruits.
United States...	100.0	65.1	40.0	1.1	0.2	0.3	0.2	0.4	15.1	0.3	6.7	0.3	0.1	0.1	0.1	0.1	0.1	1.5	0.8	0.1	0.6	0.1
New England.....	100.0	64.2	6.5	0.2	0.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	52.3	0.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.6	3.2	( <sup>2</sup> )	1.4	0.2
Middle Atlantic.....	100.0	59.1	25.3	0.4	0.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	29.1	0.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.8	1.2	0.1	1.3	0.2
East North Central.....	100.0	67.2	47.6	0.7	0.5	0.3	( <sup>2</sup> )	( <sup>2</sup> )	16.6	0.2	( <sup>2</sup> )	0.2	0.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.8	1.2	( <sup>2</sup> )	0.6	0.1
West North Central.....	100.0	69.8	51.0	1.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.2	16.7	( <sup>2</sup> )	0.1	0.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0.7	0.6	( <sup>2</sup> )	1.2	0.1
South Atlantic.....	100.0	62.5	31.5	2.8	0.1	1.4	1.3	( <sup>2</sup> )	5.9	1.0	18.6	0.2	( <sup>2</sup> )	0.1	0.1	( <sup>2</sup> )	( <sup>2</sup> )	2.9	0.5	0.6	0.8	0.1
East South Central.....	100.0	58.7	30.9	0.8	( <sup>2</sup> )	0.5	0.3	( <sup>2</sup> )	3.7	1.3	18.0	0.5	( <sup>2</sup> )	0.3	0.1	( <sup>2</sup> )	( <sup>2</sup> )	1.4	0.3	0.4	0.8	( <sup>2</sup> )
West South Central.....	100.0	67.4	33.4	0.4	( <sup>2</sup> )	0.2	0.2	( <sup>2</sup> )	5.6	( <sup>2</sup> )	25.8	0.8	( <sup>2</sup> )	0.2	0.6	0.4	0.4	0.9	0.2	0.2	0.5	( <sup>2</sup> )
Mountain.....	100.0	55.7	21.1	0.6	0.2	0.2	( <sup>2</sup> )	0.3	31.2	( <sup>2</sup> )	( <sup>2</sup> )	1.1	1.0	( <sup>2</sup> )	( <sup>2</sup> )	0.1	0.1	1.5	1.1	( <sup>2</sup> )	0.5	( <sup>2</sup> )
Pacific.....	100.0	48.3	26.3	0.8	0.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	19.1	( <sup>2</sup> )	( <sup>2</sup> )	0.4	0.4	( <sup>2</sup> )	( <sup>2</sup> )	0.2	( <sup>2</sup> )	1.4	0.8	( <sup>2</sup> )	0.6	0.1
The North.....	100.0	67.8	46.2	1.0	0.2	0.1	( <sup>2</sup> )	0.7	18.8	0.1	( <sup>2</sup> )	0.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.5	1.0	( <sup>2</sup> )	0.5	0.1
The South.....	100.0	63.3	32.1	1.3	( <sup>2</sup> )	0.7	0.6	( <sup>2</sup> )	5.7	0.7	21.2	0.5	( <sup>2</sup> )	0.2	0.3	0.2	0.2	1.5	0.3	0.4	0.8	0.1
The West.....	100.0	51.4	24.1	0.7	0.5	0.1	( <sup>2</sup> )	0.1	24.2	( <sup>2</sup> )	( <sup>2</sup> )	0.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0.1	( <sup>2</sup> )	1.4	0.9	( <sup>2</sup> )	0.5	0.1
East of the Mississippi.....	100.0	63.2	36.3	1.1	0.3	0.5	0.4	( <sup>2</sup> )	14.9	0.6	7.8	0.2	( <sup>2</sup> )	0.1	0.1	( <sup>2</sup> )	( <sup>2</sup> )	2.2	1.1	0.2	0.9	0.1
West of the Mississippi.....	100.0	66.6	43.1	1.0	0.1	0.1	( <sup>2</sup> )	0.8	15.3	( <sup>2</sup> )	5.8	0.3	0.1	0.1	0.1	0.1	0.1	0.9	0.5	0.1	0.3	( <sup>2</sup> )

<sup>1</sup> For corresponding percentages for important individual cereals see Tables 22 for corn, 24 for wheat, and 26 for oats.  
<sup>2</sup> Includes small amounts for grains and seeds not shown separately.  
<sup>3</sup> Includes small amounts for hops, hemp, and other minor crops not shown separately.  
<sup>4</sup> Less than one-tenth of 1 per cent.



Vegetables, including potatoes and sweet potatoes and yams, are of considerable importance in every geographic division, but particularly in the New England and Middle Atlantic divisions. Fruits and nuts contributed 21.4 per cent of the total value of crops in the Pacific division in 1909, and in the New England and Middle Atlantic divisions these crops were also relatively important, as were likewise flowers and plants, nursery products, and forest products.

Tobacco contributes a considerable proportion of the value of crops in the New England, South Atlantic, and East South Central divisions; and the sugar crops are of considerable importance in the West South Central division. Most of the other crops are of little relative significance in any division of the country.

The relative importance of the leading crops in each division and section from the standpoint of acreage is indicated by Table 7.

The distribution of acreage among the several crops in general conforms more or less closely to the distribution of the total value, so that little additional comment is necessary.

In most of the geographic divisions the cereals, hay and forage, and cotton together occupy nine-tenths or more of the total acreage of crops with acreage reports. No other crop or group of crops approaches these in importance as judged by acreage, in any division. Table 8 shows for individual states, by percentages, the relative importance of the principal crops from the standpoint of value and acreage.

Table 8

Table 8	PER CENT OF TOTAL VALUE OF CROPS (1909) REPRESENTED BY—													PER CENT OF IMPROVED FARM LAND (1909) IN—												
	STATE.	Value of all crops.	Crops with acreage reports.	Cereals.				Hay and forage.	Cotton (including cotton seed).	Tobacco.	All vegetables.	Fruits and nuts.	Forest products.	All other crops.	Improved farm land.	Crops with acreage reports.	Cereals.				Hay and forage.	Cotton.	Tobacco.	All vegetables.	All other crops with acreage reports.	
				Total.	Corn.	Oats.	Wheat.										Total.	Corn.	Oats.	Wheat.						
United States.....	100.0	92.5	48.6	26.2	7.6	12.0	15.0	15.0	1.9	7.6	4.0	3.6	4.2	100.0	65.1	40.0	20.6	7.3	9.3	15.1	6.7	0.3	1.5	1.5		
NEW ENGLAND:																										
Maine.....	100.0	80.0	7.9	1.1	5.8	0.2	38.4		(1)	31.5	6.2	14.2	1.8	100.0	67.3	6.8	0.6	5.1	0.1	53.2		(1)	6.8	0.5		
New Hampshire.....	100.0	71.6	5.5	3.9	1.4	(1)	49.1		0.1	14.2	5.3	22.6	3.2	100.0	63.8	3.5	2.1	1.2	(1)	57.0		(1)	2.8	0.4		
Vermont.....	100.0	79.7	9.7	4.0	4.3	0.1	59.5		0.1	9.5	3.3	13.3	4.7	100.0	73.7	8.2	2.6	4.4	(1)	63.1		(1)	2.2	0.2		
Massachusetts.....	100.0	84.7	5.1	4.3	0.5	(1)	35.3		3.8	25.6	11.8	8.4	10.0	100.0	56.2	4.7	3.6	0.7	(1)	44.6		0.5	5.3	1.1		
Rhode Island.....	100.0	86.6	9.6	8.5	0.7	(1)	33.3		(1)	26.5	6.4	7.9	16.3	100.0	47.2	6.8	5.4	1.0	(1)	34.4			5.6	0.5		
Connecticut.....	100.0	85.2	9.1	7.3	0.7	0.1	32.1		19.6	17.1	7.5	8.3	6.2	100.0	54.1	7.5	5.3	1.0	0.1	40.6		1.6	4.1	0.3		
MIDDLE ATLANTIC:																										
New York.....	100.0	83.4	20.6	5.5	8.6	3.4	37.0		0.2	17.4	11.9	5.0	8.0	100.0	56.5	17.5	3.5	8.8	1.9	34.0		(1)	3.8	1.1		
New Jersey.....	100.0	91.7	24.3	16.5	1.8	3.9	18.9		(1)	34.9	10.1	1.9	9.9	100.0	61.8	27.9	14.7	4.0	4.6	22.3		(1)	10.1	1.6		
Pennsylvania.....	100.0	88.7	42.2	16.4	8.6	13.7	27.4		2.4	13.3	6.5	4.8	3.6	100.0	61.8	34.1	10.9	9.0	9.7	24.4		0.3	2.8	0.1		
EAST NORTH CENTRAL:																										
Ohio.....	100.0	93.5	59.9	35.7	10.1	13.5	18.4		3.9	9.1	3.4	2.5	2.9	100.0	59.5	39.8	20.4	9.3	9.5	17.2		0.6	1.8	0.2		
Indiana.....	100.0	94.7	74.4	48.2	9.3	16.5	12.2		1.1	5.6	2.3	2.7	1.8	100.0	66.9	51.7	28.9	9.9	12.3	13.6		0.1	1.3	0.2		
Illinois.....	100.0	97.4	79.9	53.3	16.0	10.2	10.9		(1)	4.4	1.5	0.9	2.4	100.0	72.3	59.0	35.8	14.9	7.8	11.9		(1)	1.0	0.4		
Michigan.....	100.0	87.6	43.5	18.3	11.4	10.2	22.2		(1)	10.0	7.8	4.9	11.5	100.0	63.9	34.4	12.4	11.1	6.3	21.2		(1)	3.6	4.8		
Wisconsin.....	100.0	90.9	49.3	17.3	19.3	1.7	27.5		2.6	8.4	2.0	6.4	3.7	100.0	71.8	41.6	12.2	18.2	1.2	25.9		0.3	3.0	1.0		
WEST NORTH CENTRAL:																										
Minnesota.....	100.0	96.1	72.8	15.8	17.6	29.0	13.8		(1)	5.7	0.7	2.7	4.3	100.0	75.0	51.6	10.2	15.2	16.7	20.1		(1)	1.4	1.9		
Iowa.....	100.0	96.8	73.2	53.3	15.6	2.4	18.9		(1)	3.8	1.8	1.2	1.2	100.0	69.1	51.0	31.3	15.8	1.8	17.1		(1)	0.9	0.1		
Missouri.....	100.0	92.6	67.1	48.6	4.6	13.6	15.3	1.8	0.3	6.0	4.0	3.8	1.6	100.0	58.3	41.7	28.9	4.4	8.2	14.8	0.4	(1)	1.0	0.5		
North Dakota.....	100.0	99.8	82.6	1.3	13.3	60.4	6.8		(1)	1.7	(1)	0.1	8.7	100.0	77.7	58.1	0.9	10.5	40.0	14.0		(1)	0.3	5.2		
South Dakota.....	100.0	99.1	78.8	21.0	12.8	34.2	12.1		(1)	2.4	0.2	0.2	6.2	100.0	77.2	51.8	12.9	9.8	20.3	21.7			0.4	3.3		
Nebraska.....	100.0	98.3	78.3	45.0	9.9	22.5	16.2		(1)	3.0	1.1	0.4	0.9	100.0	70.7	51.4	29.8	9.7	10.9	18.5			0.6	0.1		
Kansas.....	100.0	98.4	78.7	37.6	4.5	34.5	14.9	(1)	(1)	3.2	0.7	0.6	1.8	100.0	66.5	52.3	27.1	3.1	20.0	13.2	(1)	(1)	0.4	0.6		
SOUTH ATLANTIC:																										
Delaware.....	100.0	93.1	51.4	31.8	0.6	18.6	12.9			20.1	9.8	3.8	2.0	100.0	61.5	43.3	26.5	0.6	15.6	11.3			5.3	1.5		
Maryland.....	100.0	90.4	49.9	25.1	1.3	22.5	13.7	(1)	3.3	18.2	6.4	5.3	3.2	100.0	57.6	39.6	19.3	1.5	17.6	11.9	(1)	0.8	4.6	0.7		
District of Columbia.....	100.0	99.2	1.8	1.8	(1)		4.7			36.8	1.1	(1)	55.6	100.0	58.1	8.8	8.3	0.3		18.7			25.6	4.9		
Virginia.....	100.0	86.0	39.8	28.7	1.6	8.7	10.2	0.8	12.1	17.2	4.4	10.1	5.4	100.0	43.1	28.8	18.8	2.1	7.0	7.8	0.3	1.9	2.6	1.8		
West Virginia.....	100.0	82.0	39.6	29.5	2.3	6.7	18.6	(1)	4.8	17.3	8.3	9.9	1.6	100.0	33.9	18.8	12.2	1.9	3.8	12.8	(1)	0.3	1.6	0.4		
North Carolina.....	100.0	89.5	26.5	21.9	1.2	3.1	3.3	35.3	9.7	8.8	3.1	8.0	5.2	100.0	65.1	36.9	27.9	2.6	5.7	4.3	14.5	2.5	2.4	4.6		
South Carolina.....	100.0	96.0	17.9	14.6	2.7	0.3	2.2	67.9	1.5	4.9	0.9	3.2	1.5	100.0	84.5	32.1	25.7	5.3	0.7	3.4	41.9	0.5	1.8	4.8		
Georgia.....	100.0	94.6	18.7	16.4	1.9	0.4	1.8	66.2	0.1	4.7	1.4	3.9	3.1	100.0	78.6	31.8	27.5	3.3	0.8	3.1	39.7	(1)	1.3	3.5		
Florida.....	100.0	72.9	17.1	15.8	1.2	(1)	2.3	15.2	2.8	23.2	21.3	6.6	11.4	100.0	67.7	36.0	33.6	2.4	(1)	3.0	14.6	0.2	4.9	9.0		
EAST SOUTH CENTRAL:																										
Kentucky.....	100.0	90.6	43.7	36.3	0.9	6.3	7.4	0.2	28.7	8.5	3.6	5.6	2.2	100.0	42.1	30.1	23.9	1.2	4.7	6.7	0.1	3.3	1.3	0.7		
Tennessee.....	100.0	89.9	45.8	38.0	2.0	5.7	10.5	17.1	4.7	8.6	3.7	7.1	2.5	100.0	58.4	38.0	28.9	3.1	5.7	9.7	7.2	0.8	1.3	1.2		
Alabama.....	100.0	94.2	21.4	19.9	1.5	0.1	2.3	60.3	(1)	6.8	1.5	4.4	3.2	100.0	74.3	29.3	26.5	2.7	0.1	2.5	38.5	(1)	1.6	2.5		
Mississippi.....	100.0	94.4	18.2	17.7	0.6	(1)	2.3	65.4	(1)	6.4	1.1	4.5	2.0	100.0	68.4	25.2	24.1	1.1	(1)	2.5	37.7	(1)	1.4	1.5		
WEST SOUTH CENTRAL:																										
Arkansas.....	100.0	91.6	26.2	23.4	1.4	0.4	4.1	52.9	(1)	6.4	3.1	5.8	1.5	100.0	66.6	31.8	28.2	2.4	0.7	5.4	26.7	(1)	1.4	1.4		
Louisiana.....	100.0	94.4	32.0	21.3	0.3	(1)	3.1	26.2	0.1	8.1	1.6	4.6	24.2	100.0	68.0	36.7	30.2	0.6	(1)	3.4	18.1	(1)	2.2	7.5		
Oklahoma.....	100.0	97.8	53.8	36.0	5.4	10.4	7.2	30.9	(1)	3.2	1.0	1.2	2.8	100.0	67.9	47.0	33.7	3.5	6.7	7.7	11.3	(1)	0.5	1.5		
Texas.....	100.0	96.4	22.5	17.0	1.2	1.0	4.3	63.3	(1)	4.1	0.8	3.0	2.1	100.0	67.2	24.5	18.8	1.6	1.2	4.8	36.3	(1)	0.7	0.8		
MOUNTAIN:																										
Montana.....	100.0	95.8	41.2	0.6	20.7	17.9	41.5		(1)	7.5	2.3	1.8	5.6	100.0	50.8	17.5	0.3	9.2	7.1	31.2		(1)	0.8	1.3		
Idaho.....	100.0	93.2	46.6	0.6	14.7	24.5	35.2		(1)	7.5	3.2	3.7	3.7	100.0	59.0	30.5	0.3	10.9	14.4	26.4			1.4	0.7		
Wyoming.....	100.0	97.7	27.4	1.0	18.2	6.4	60.6			8.5	0.5	1.0	1.9	100.0	62.6	14.9	0.7	9.9	3.3	46.6			0.9	0.2		
Colorado.....	100.0	89.8	29.0	5.2	8.2	12.7	33.9		(1)	11.9	10.0	0.6	14.6	100.0	60.8	24.6	7.6	6.4	7.9	29.9			2.7	3.6		
New Mexico.....	100.0	90.5	26.7	11.0	5.1	5.7	50.1	0.2	(1)	9.2	6.1	2.8	4.9	100.0	43.1	14.9	5.9	2.3	2.2	25.1	0.1	(1)	1.0	2.1		
Arizona.....	100.0	90.2	28.6	5.3	2.4	7.5	46.4	(1)	(1)	9.2	6.3	0.8	8.6	100.0	54.5	21.5	4.5	1.7	5.7	29.3	(1)	(1)	1.6	2.2		
Utah.....	100.0	94.6	33.0	0.7	9.0	20.4	40.2		(1)	8.6	4.8	(1)	13.4	100.0	55.2	21.8	0.5	5.9	13.0	29.6			1.6	2.2		
Nevada.....	100.0	97.6	15.6	0.4	3.2	6.7	70.7			11.2	1.7	0.7	0.1	100.0	52.2	4.6	0.1	1.0	1.9	46.6			0.9	(1)		
PACIFIC:																										
Washington.....	100.0	89.7	56.7	0.5	7.4	44.5	21.7		(1)	7.6	6.7	4.8	2.5	100.0	53.8	40.7	0.4	4.2	33.2	11.6			1.3	0.2		
Oregon.....	100.0	86.2	36.4	0.6	10.3	22.1	31.0		(1)	9.3	8.3	5.9	9.0	100.0	53.4	29.1	0.4	7.9	17.9	22.0			1.6	0.7		
California.....	100.0	65.6	18.3	0.7	1.7	4.1																				



the improved farm land and of the total acreage of crops with acreage reports is also shown. In this table the combined cereals are treated as a unit; the corresponding distribution of the individual cereals among the divisions and sections is shown in Table 19.

Several of the most important crops, including the cereals as a group, hay and forage, potatoes, miscellaneous vegetables, small fruits, flowers and plants, and nursery products, are very widely distributed over the country.

The distribution of the cereal acreage corresponds more closely to the distribution of the total acreage of improved farm land than does that of any other class of crops, but the East and West North Central divisions report somewhat larger percentages of the cereal acreage than of the improved farm land. Few of the remaining crops are very widely distributed. Several crops—cotton, sugar cane, sweet potatoes and yams, and peanuts—are largely concentrated in the southern divisions.

Table 9

DIVISION OR SECTION.	PER CENT OF TOTAL ACREAGE: 1909																													
	Improved farm land.	Crops with acreage reports.	All cereals.	Other grains and seeds with acreage reports.			Hay and forage.	Tobacco.	Cotton.	Sugar crops with acreage reports.				Sundry minor crops with acreage reports.			Vegetables.				Small fruits.	Flowers and plants.	Nursery products.							
				Dry edible beans.	Dry peas.	Peanuts.				Flaxseed.	Total.	Sugar beets.	Sorghum cane.	Sugar cane.	Broom corn.	Hemp.	Hops.	Total.	Potatoes.	Sweet potatoes and yams.				Other vegetables.						
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
New England.....	1.5	1.5	0.2	2.1	0.1	(1)	(1)	5.3	1.7	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.2	(1)	(1)	(1)	4.7	6.4	(1)	3.7	5.1	12.5	3.3			
Middle Atlantic.....	6.1	5.6	3.9	14.6	0.3	(1)	(1)	11.8	3.5	(1)	(1)	(1)	0.1	0.4	0.1	(1)	(1)	(1)	(1)	15.7	19.9	3.7	12.9	20.5	35.3	17.0				
East North Central.....	18.6	19.2	22.1	52.6	17.4	(1)	(1)	20.4	13.3	(1)	(1)	(1)	10.5	27.5	7.8	(1)	(1)	(1)	(1)	12.0	4.5	0.1	23.2	30.1	2.1	18.8	20.9	21.1	17.1	
West North Central.....	34.3	36.8	43.7	1.1	2.1	(1)	(1)	97.4	37.9	0.4	0.3	6.7	3.7	16.4	(1)	(1)	(1)	(1)	(1)	14.4	0.2	(1)	16.5	21.4	2.4	13.4	13.1	6.5	20.6	
South Atlantic.....	10.1	9.7	8.0	3.2	51.2	72.9	(1)	4.0	37.6	28.1	9.4	(1)	14.1	12.0	0.1	(1)	(1)	(1)	(1)	16.0	6.5	46.1	21.6	16.7	8.1	12.4				
East South Central.....	9.2	8.3	7.1	2.3	15.6	15.4	(1)	3.4	43.3	24.7	15.8	0.1	34.0	10.9	0.6	89.6	(1)	(1)	(1)	8.9	3.3	25.1	12.5	7.0	3.5	10.1				
West South Central.....	12.2	12.6	10.2	0.4	10.6	11.6	0.1	4.5	0.1	46.9	37.6	0.2	26.0	77.0	69.4	0.5	(1)	(1)	(1)	7.3	3.2	19.7	9.9	7.1	3.4	7.1				
Mountain.....	3.3	2.8	1.8	3.8	2.2	(1)	(1)	2.0	6.9	(1)	(1)	(1)	13.4	45.5	1.5	(1)	(1)	(1)	(1)	3.5	4.6	0.1	2.7	2.5	1.3	2.1				
Pacific.....	4.6	3.4	3.0	19.8	0.5	(1)	(1)	5.8	(1)	(1)	(1)	(1)	6.4	22.5	0.2	(1)	(1)	(1)	(1)	0.4	3.9	72.9	4.3	4.6	0.8	4.6	7.5	8.1	10.3	
The North.....	60.6	63.1	70.0	70.4	19.9	0.1	97.9	75.4	18.9	0.3	17.3	31.6	24.3	(1)	(1)	(1)	(1)	(1)	(1)	26.4	4.9	27.0	60.1	77.7	8.2	48.7	59.3	75.5	58.0	
The South.....	31.5	30.6	25.3	6.0	77.4	99.9	0.1	11.9	81.1	99.7	62.8	0.4	74.1	100.0	(1)	(1)	(1)	(1)	(1)	70.1	90.2	0.1	32.2	13.0	90.9	44.0	30.8	15.1	29.6	
The West.....	7.9	6.3	4.8	23.6	2.7	(1)	(1)	12.7	(1)	(1)	19.9	68.0	1.7	(1)	(1)	(1)	(1)	(1)	(1)	3.5	4.9	72.9	7.7	9.3	0.9	7.3	9.9	9.4	12.5	
East of the Mississippi.....	45.6	44.3	41.3	74.8	84.5	88.3	0.5	44.9	99.4	52.8	35.8	28.1	56.0	22.9	12.6	94.3	27.1	(1)	(1)	68.4	66.2	77.0	69.4	69.9	80.7	59.8				
West of the Mississippi.....	54.4	55.7	58.7	25.2	15.5	11.7	99.5	55.1	0.6	47.2	64.2	71.9	44.0	77.1	87.4	5.7	72.9	(1)	(1)	31.6	33.8	23.0	30.6	30.1	19.3	40.2				

† Less than one-tenth of 1 per cent.

The distribution among the geographic divisions and sections of the value of those crops of any importance for which there were no reports of acreage is shown in Table 10. For comparison, the distribution of the value of all crops and of the value of crops with acreage reports is shown.

Table 10

DIVISION OR SECTION.	PER CENT OF TOTAL VALUE: 1909											
	All crops.			Crops with no acreage reports.								
	Total.			Total.								
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	2.6	2.3	6.5	0.3	27.2	5.2	0.5	(1)	0.5	9.0	(1)	9.0
Middle Atlantic.....	7.6	7.1	13.8	2.3	33.1	20.3	22.5	(1)	3.9	9.8	(1)	9.8
East North Central.....	20.4	20.7	16.7	40.4	36.8	17.3	14.2	(1)	1.7	16.5	(1)	16.5
West North Central.....	26.4	27.7	10.3	35.5	0.9	10.5	5.3	(1)	2.2	10.2	(1)	10.2
South Atlantic.....	13.5	13.3	16.7	1.3	1.8	11.2	4.1	29.3	4.7	22.5	(1)	22.5
East South Central.....	10.0	10.6	10.1	3.9	0.2	7.9	1.6	0.8	3.6	15.0	(1)	15.0
West South Central.....	11.5	11.8	6.8	1.6	(1)	3.8	1.4	1.8	16.3	10.8	(1)	10.8
Mountain.....	2.0	3.0	2.8	6.4	(1)	5.4	0.6	0.3	0.2	1.3	(1)	1.3
Pacific.....	5.1	4.2	16.4	7.4	(1)	18.4	49.9	67.8	66.9	4.9	(1)	4.9
The North.....	56.9	57.7	47.2	79.4	98.0	53.3	42.4	(1)	8.3	45.5	(1)	45.5
The South.....	35.0	35.1	33.6	6.8	2.0	22.8	7.1	31.9	24.6	48.3	(1)	48.3
The West.....	8.1	7.2	19.2	13.8	(1)	23.9	50.5	68.1	67.1	6.2	(1)	6.2
East of the Mississippi.....	54.1	53.3	63.8	48.2	99.0	61.9	42.9	30.1	14.4	72.8	(1)	72.8
West of the Mississippi.....	45.9	46.7	36.2	51.8	1.0	38.1	57.1	69.9	85.6	27.2	(1)	27.2

† Less than one-tenth of 1 per cent.

The geographic distribution of the value of crops with no acreage reports is very different from that of crops with acreage reports. Whereas the Pacific divi-

sion reported only 4.2 per cent of the value of crops with acreage reports and 4.6 per cent of the improved farm land, that division reported 16.4 per cent of the value of crops with no acreage reports. This is largely due to the concentration of the production of fruits and nuts on the Pacific coast. The West North Central division reported 27.7 per cent of the value for the crops with acreage reports, but only 10.3 per cent for the crops with no acreage reports.

**Acreage and value of all crops, by states: 1909 and 1899.**—Table 11 presents by states, for 1909 and 1899, the acreage and value of all crops with acreage reports and the value of all crops, including those without acreage reports.

The map on page 371 shows the distribution of the value of all farm crops among the states.

It will be seen that, as judged by the total value of all crops, Illinois was in 1909 the leading agricultural state, followed by Iowa, Texas, Ohio, Georgia, Missouri, Kansas, New York, and Indiana, each reporting more than \$200,000,000. The first four states named occupied the same rank in 1899, but Georgia ranked only fifteenth among the states in that year.

With respect to the progress made by these leading states from 1899 to 1909, it may be noted that only in Georgia and Kansas did the rate of increase for the total value of all crops exceed that for the United



States as a whole. Moreover, these two states, together with Texas, are the only ones in the group which report any considerable extension of the acreage of crops with acreage reports. In Indiana the acreage of such crops was 1.8 per cent higher than in 1899, but Illinois, Iowa, Missouri, Ohio, and New York all report a decrease in acreage.

During the period 1899 to 1909 the most conspicuous relative advances in the value of all crops took place in the states of Idaho, Washington, North Dakota, Wyoming, Oklahoma, and Colorado, in each of which the crops of 1909 were more than three times as valuable as those of 1899. Except in North Dakota and Oklahoma, these high rates of increase represent comparatively small absolute increases.

The greatest absolute increase in the value of all crops occurred in Illinois, where it amounted to

\$157,000,000. Other states in which the absolute increase exceeded \$100,000,000 were Georgia, Texas, North Dakota, Iowa, Nebraska, and Kansas.

During the decade there was an increase of over 1,000,000 acres in land devoted to crops in each of the following states: North Dakota, Oklahoma, South Dakota, Texas, Nebraska, Kansas, Washington, Georgia, and Colorado. New Mexico reported the highest percentage of gain, 222.8, followed by North Dakota, Oklahoma, Wyoming, Washington, and Idaho. In Iowa and California the loss in acreage reported was over one and one-half million, and in New York and Pennsylvania it exceeded half a million. Besides these four states fourteen others had less land in crops in 1909 than in 1899, the relative decrease being greatest in California, followed by New Hampshire, Connecticut, and Massachusetts.

## ALL FARM CROPS—ACREAGE AND VALUE, BY STATES: 1909 AND 1899.

Table 11	ACREAGE OF CROPS WITH ACREAGE REPORTS.				VALUE OF CROPS WITH ACREAGE REPORTS.				VALUE OF ALL CROPS.			
	STATE.	1909	1899	Increase. <sup>1</sup>	1909	1899	Increase. <sup>1</sup>	Per cent.	1909	1899	Increase. <sup>1</sup>	Per cent.
				Amount.			Amount.				Amount.	
<b>NEW ENGLAND:</b>												
Maine.....	1,588,065	1,543,277	44,788	2.9	\$31,440,942	\$18,432,041	\$13,008,901	70.6	\$39,317,647	\$21,954,064	\$17,363,583	79.1
New Hampshire.....	593,093	688,107	-95,014	-13.8	11,441,698	9,153,332	2,288,366	25.0	15,976,175	12,272,232	3,703,943	30.2
Vermont.....	1,203,795	1,203,513	282	(*)	21,877,448	14,960,548	6,883,900	45.9	27,446,836	18,170,279	9,276,557	51.1
Massachusetts.....	654,844	735,134	-80,290	-10.9	27,062,235	19,893,681	7,168,554	36.0	31,948,095	23,157,544	8,790,551	38.0
Rhode Island.....	84,207	92,415	-8,208	-8.9	3,410,442	2,679,676	730,766	27.3	3,937,077	3,040,321	896,756	29.5
Connecticut.....	534,846	605,357	-68,511	-11.4	19,166,472	14,227,786	4,938,686	34.7	22,487,999	16,625,589	5,862,410	35.3
<b>MIDDLE ATLANTIC:</b>												
New York.....	8,387,731	9,041,199	-653,468	-7.2	174,475,689	127,872,299	46,603,390	36.4	209,168,236	149,918,353	59,249,883	39.5
New Jersey.....	1,114,903	1,212,772	-97,869	-8.1	57,003,915	24,615,856	32,388,059	50.3	40,340,491	27,916,841	12,423,650	44.5
Pennsylvania.....	7,826,962	8,365,475	-538,513	-6.4	147,955,288	111,233,656	36,721,632	33.0	166,739,898	126,994,141	39,745,757	31.3
<b>E. NORTH CENTRAL:</b>												
Ohio.....	11,431,610	11,614,165	-182,555	-1.6	215,250,975	141,943,986	73,306,989	51.6	230,337,981	156,852,358	73,485,623	46.9
Indiana.....	11,331,395	11,134,786	196,609	1.8	193,336,392	111,736,411	81,658,981	73.1	204,209,812	127,502,274	76,707,538	60.7
Illinois.....	20,273,916	20,519,034	-245,118	-1.2	362,464,951	207,355,825	155,109,126	74.8	372,270,470	214,832,706	157,437,764	73.3
Michigan.....	8,198,578	7,741,175	457,403	5.9	141,976,000	89,455,649	52,520,351	78.5	162,004,681	92,625,715	69,378,966	74.9
Wisconsin.....	8,555,080	8,214,711	340,369	4.1	134,901,875	81,263,632	53,638,243	66.0	148,359,216	88,142,349	60,216,867	68.3
<b>W. NORTH CENTRAL:</b>												
Minnesota.....	14,731,464	15,119,570	-388,106	-2.6	185,832,198	112,420,730	73,411,468	65.3	193,451,474	115,694,937	77,756,537	67.2
Iowa.....	29,374,925	21,985,377	7,389,548	33.6	394,491,033	189,013,039	205,477,994	61.1	314,666,298	195,552,547	119,113,751	60.9
Missouri.....	14,335,588	14,351,177	-15,589	-0.1	204,286,556	113,239,900	91,046,656	80.4	220,663,724	121,455,026	99,208,698	81.7
North Dakota.....	15,888,756	7,821,705	8,067,051	103.1	180,279,872	53,911,419	126,368,453	234.4	180,635,520	54,040,817	126,594,703	234.3
South Dakota.....	12,226,772	8,843,905	3,382,867	38.3	124,400,789	44,002,846	80,397,943	182.7	125,507,249	44,175,615	81,331,634	184.1
Nebraska.....	17,331,205	15,044,428	2,286,777	14.5	192,741,710	91,139,037	101,602,673	111.5	196,125,632	92,469,326	103,656,306	112.1
Kansas.....	19,900,750	18,077,048	1,823,702	10.1	211,485,723	110,290,785	101,194,938	91.7	214,859,597	113,522,693	101,336,904	89.3
<b>SOUTH ATLANTIC:</b>												
Delaware.....	438,522	437,168	1,354	0.3	8,489,539	5,713,085	2,776,454	48.6	9,121,809	6,275,360	2,846,449	45.4
Florida.....	1,931,972	1,940,093	-8,121	-0.4	39,090,648	27,053,785	12,036,863	43.5	43,920,149	30,216,969	13,703,180	45.4
Dist. of Columbia.....	2,982	3,396	-414	-12.2	541,996	667,834	-125,838	-18.8	546,479	669,209	-122,730	-18.3
Virginia.....	4,256,226	4,345,537	-89,311	-2.1	86,434,239	52,100,698	34,333,541	65.9	100,531,157	58,701,742	41,829,415	71.3
West Virginia.....	1,874,382	1,922,403	-48,021	-2.5	33,120,033	29,805,107	3,314,926	59.2	40,374,776	25,696,189	14,678,587	57.1
North Carolina.....	5,737,037	5,609,144	127,893	2.3	127,822,068	62,225,162	65,596,906	105.4	142,890,192	68,624,912	74,265,280	108.2
South Carolina.....	5,152,845	4,722,151	430,694	9.1	136,313,422	56,613,543	79,699,879	140.8	141,983,354	58,890,413	83,092,941	141.1
Georgia.....	9,662,383	8,267,290	1,395,093	16.9	214,463,237	82,450,615	132,012,622	160.1	226,595,436	80,345,343	146,250,093	182.4
Florida.....	1,223,078	1,019,968	203,110	19.9	26,350,280	11,643,066	14,707,214	126.3	36,141,894	13,498,580	22,643,314	167.8
<b>E. SOUTH CENTRAL:</b>												
Kentucky.....	6,046,819	6,349,026	-302,207	-4.8	125,880,988	72,505,538	53,375,450	73.6	138,973,107	78,962,845	60,010,262	76.0
Tennessee.....	6,365,143	6,680,504	-315,361	-4.7	108,517,537	63,943,934	44,573,603	69.7	120,706,211	70,745,242	49,960,969	70.6
Alabama.....	7,205,239	6,714,786	490,453	7.3	135,942,678	70,119,129	65,823,549	93.9	144,287,347	73,190,720	71,096,627	97.1
Mississippi.....	6,158,719	5,570,380	588,339	10.6	139,126,139	81,358,341	57,767,798	71.0	147,315,621	84,888,776	62,426,845	73.5
<b>W. SOUTH CENTRAL:</b>												
Arkansas.....	5,376,484	5,017,894	358,590	7.1	109,332,380	55,431,909	53,900,471	97.2	119,419,025	59,272,212	60,146,813	101.5
Louisiana.....	3,580,348	3,408,944	171,404	5.2	73,002,698	60,959,969	12,042,729	19.8	77,336,143	62,654,543	14,681,600	23.4
Oklahoma.....	11,921,670	6,317,711	5,603,959	88.7	130,502,155	42,773,258	87,728,897	205.1	133,454,405	43,759,824	89,694,581	205.0
Texas.....	18,389,062	15,112,549	3,276,513	21.7	287,295,880	161,842,268	125,453,612	77.5	298,133,466	166,964,711	131,168,755	78.6
<b>MOUNTAIN:</b>												
Montana.....	1,848,113	1,146,093	702,020	61.3	28,459,747	10,449,769	18,009,978	172.4	29,714,563	10,692,515	19,022,048	177.9
Idaho.....	1,638,479	918,124	720,355	78.5	32,007,527	8,565,057	23,442,470	273.7	34,357,851	9,267,261	25,090,590	270.7
Wyoming.....	786,650	435,621	351,029	80.6	9,791,830	3,095,472	6,696,358	216.3	10,022,961	3,133,723	6,889,238	219.8
Colorado.....	2,614,312	1,549,503	1,064,809	68.7	45,795,093	16,389,714	29,405,379	179.4	50,974,958	16,970,588	34,004,370	200.4
New Mexico.....	632,769	196,023	436,746	222.8	8,076,854	2,798,108	5,278,746	188.7	8,922,397	3,064,567	5,857,830	192.3
Arizona.....	190,982	150,781	40,201	26.7	4,958,938	2,249,407	2,709,531	120.5	5,496,872	2,472,348	3,024,524	122.3
Utah.....	755,570	669,824	85,746	12.8	17,488,271	7,794,365	9,693,906	124.4	18,484,615	8,242,985	10,241,630	124.2
Nevada.....	392,387	326,526	65,861	20.2	5,780,037	2,845,096	2,934,941	103.2	5,923,536	2,887,569	3,035,967	105.1
<b>PACIFIC:</b>												
Washington.....	3,431,273	1,901,381	1,529,892	80.5	70,770,261	21,487,785	49,282,476	229.4	78,927,063	23,532,150	55,394,913	235.4
Oregon.....	2,281,288	2,027,896	253,392	12.5	42,293,157	19,396,848	22,896,309	118.0	49,040,725	21,806,687	27,234,038	124.9
California.....	4,924,733	6,434,434	-1,509,701	-23.5	100,409,039	64,583,063	35,825,976	55.5	153,111,013	95,365,712	57,745,301	60.6

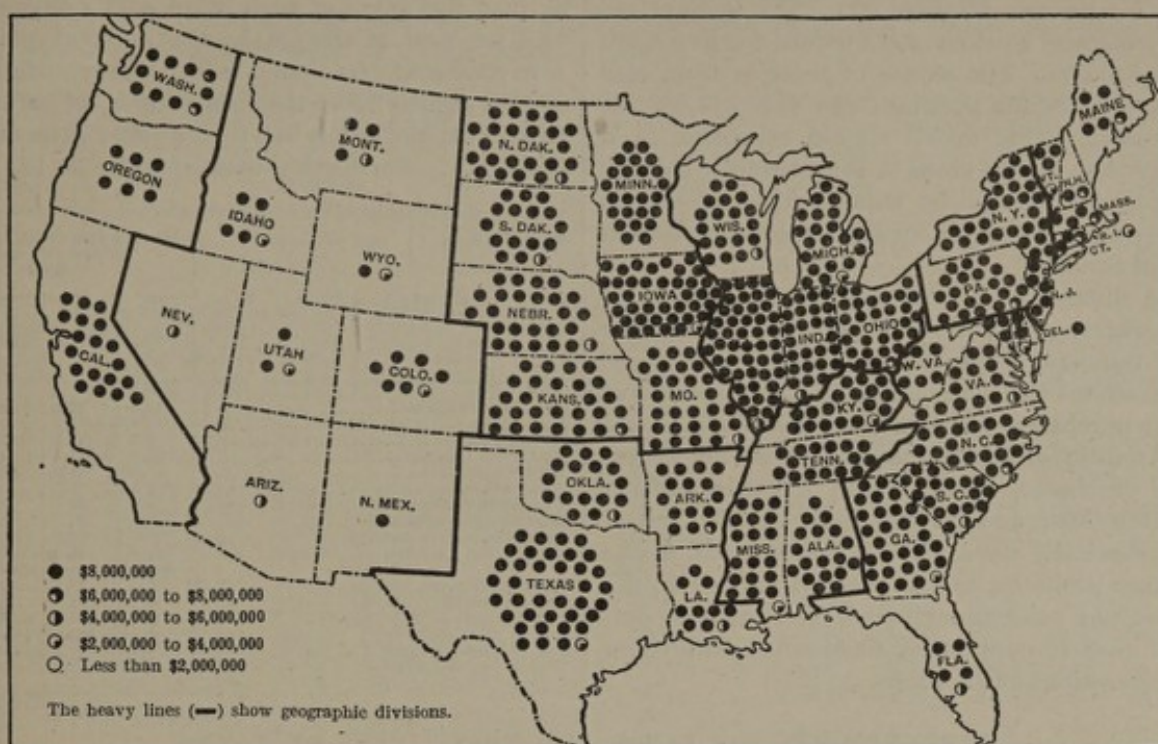
<sup>1</sup> A minus sign (-) denotes decrease.<sup>2</sup> Less than one-tenth of 1 per cent.<sup>3</sup> Includes Indian Territory.



# FARM CROPS, BY STATES.

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## ALL FARM CROPS. VALUE, BY STATES: 1909.



**Sale and purchase of crops suitable for feeding animals: 1909.**—In the case of some minor crops the entire product, or the larger part of it, is usually retained upon the farm for family consumption; this is notably true of vegetables. Of certain other crops practically the entire quantity, except such as is required for seed, is sold. These crops, which are frequently referred to as money crops, are mainly intended for human consumption, direct or indirect. Cotton, tobacco, sugar cane, hemp, hops, and to a slightly less extent wheat, are examples. Besides crops of these two classes, there are several crops, the most important being corn, oats, barley, and hay and forage, which are used chiefly as feed for animals. A majority of the farmers who raise these crops retain the entire product or a considerable proportion of it for their

own animals; others sell their surplus mainly for consumption by animals in cities, towns, and villages, or by animals on farms where such crops are not raised or are raised only in small quantities.

At the census of 1910 the agricultural schedules contained inquiries designed to ascertain not only the quantity and value of the leading "feedable" crops produced, but also the quantity and value of such crops sold and the amounts expended by farmers for the purchase of feed for animals. Table 12 presents statistics of such sales and purchases by geographic divisions and sections, and Table 15 shows them in less detail by states. It is probable that these statistics are somewhat less accurate than those of crop production, and are on the whole an understatement both of sales and of purchases.

**Table 12**

DIVISION OR SECTION.	Amount expended for feed: 1909	Receipts from sale of feedable crops: 1909	EXCESS OF RECEIPTS FROM SALE OVER AMOUNT EXPENDED. <sup>1</sup>		RECEIPTS FROM SALE OF SPECIFIED FEEDABLE CROPS: 1909							
			Amount.	Per cent.	Corn.		Oats.		Barley.		Hay and forage.	
					Quantity (bushels).	Amount received.	Quantity (bushels).	Amount received.	Quantity (bushels).	Amount received.	Quantity (tons).	Amount received.
United States.....	\$299,839,857	\$509,253,522	\$209,413,665	41.1	460,572,574	\$355,191,944	261,325,372	\$107,242,769	75,297,901	\$41,314,430	10,679,399	\$105,504,379
New England.....	34,613,964	4,346,647	*30,267,317	*89.3	145,814	100,952	384,423	217,879	9,656	8,272	272,594	4,019,544
Middle Atlantic.....	54,696,044	21,584,058	*33,111,986	*153.4	4,419,668	3,007,230	4,551,876	2,387,688	326,228	214,002	1,116,016	15,975,138
East North Central.....	40,611,121	195,663,014	155,051,893	79.2	197,015,428	107,806,684	128,053,438	51,279,242	10,838,789	6,457,490	2,981,159	30,119,593
West North Central.....	76,207,557	174,405,989	98,198,432	56.3	190,410,330	100,638,243	94,511,952	36,678,888	43,056,403	21,221,923	2,393,803	15,896,935
South Atlantic.....	19,255,280	14,677,355	*4,577,925	*31.2	12,815,516	9,781,438	1,588,085	1,034,972	26,426	18,993	281,175	3,841,952
East South Central.....	15,607,673	15,684,379	76,706	0.5	17,406,876	11,989,973	1,503,258	786,448	22,085	14,771	238,791	2,893,187
West South Central.....	24,723,146	28,940,377	4,217,231	14.6	36,880,404	20,840,778	7,389,274	3,434,317	69,829	42,158	527,184	4,623,124
Mountain.....	13,204,509	20,830,896	7,626,387	36.6	998,458	651,255	12,164,190	5,927,921	3,741,566	2,106,953	1,417,308	12,144,767
Pacific.....	20,920,563	33,120,807	12,200,244	36.8	480,080	375,391	11,178,876	5,495,414	17,186,919	11,229,863	1,451,369	16,020,139
The North.....	206,128,686	395,999,708	189,871,022	47.9	391,991,240	211,553,109	227,501,689	90,563,097	54,251,076	27,901,692	6,763,572	65,981,210
The South.....	59,586,099	59,302,111	*283,988	*0.5	67,102,796	42,612,189	10,480,617	5,255,737	118,340	75,922	1,047,150	11,358,263
The West.....	34,125,072	53,951,703	19,826,631	36.7	1,478,538	1,026,646	23,343,066	11,423,333	20,928,485	13,336,816	2,868,677	28,164,906
East of the Mississippi.....	164,784,082	251,955,453	87,171,371	34.6	231,803,302	132,686,277	136,081,080	55,706,229	11,243,184	6,713,533	4,889,735	56,849,414
West of the Mississippi.....	135,055,775	257,298,069	122,242,294	47.5	228,769,272	122,505,667	125,244,292	51,536,540	64,054,717	34,600,897	5,789,664	48,654,965

<sup>1</sup> An asterisk (\*) indicates an excess of expenditures over receipts from sales.



The total amount reported by farmers as received during 1909 from the sale of corn, oats, barley, and hay and forage was \$509,254,000. The amount reported by farmers as expended for feed for live stock was \$299,840,000. The excess of receipts from sale over expenditures for purchase was \$209,414,000, or 41.1 per cent. This excess should represent in a rough way the value of crops of this character sold by farmers for consumption by animals in cities, towns, and villages, for export, or for human consumption in the United States.

Marked differences appear among the geographic divisions with respect to the relation of sales of feedable crops to purchases. In the East and West North Central divisions there was in 1909 a great excess of sales over purchases, while in the New England and Middle Atlantic divisions the sales were much less than the purchases, in the South Atlantic division considerably less, and in the East South Central division practically the same. In other words, in the northeastern divisions, and in parts of the South, the farmers do not raise enough feed for their own animals, but have to supply the deficiency by purchase from other sections of the country.

The total value of the corn, oats, barley, and hay and forage produced during 1909 was \$2,769,715,000, so that the value of such crops sold represents only 18.4 per cent of the total. Of the total quantity of corn produced, less than one-fifth was reported as sold; of oats slightly more than one-fourth; of barley about two-fifths; and of hay and forage only a little more than one-tenth. For further details see Table 13.

Table 13

DIVISION OR SECTION.	PER CENT OF TOTAL PRODUCTION REPORTED AS SOLD: 1909			
	Corn.	Oats.	Barley.	Hay and forage.
United States.....	18.0	25.9	43.4	11.0
New England.....	1.8	5.2	2.3	5.8
Middle Atlantic.....	6.3	7.1	15.8	9.9
East North Central.....	23.3	34.3	40.7	14.6
West North Central.....	19.1	21.8	43.5	6.6
South Atlantic.....	7.1	7.5	6.5	9.6
East South Central.....	8.3	12.9	18.4	9.3
West South Central.....	15.8	27.1	38.5	15.6
Mountain.....	13.6	30.0	38.2	16.5
Pacific.....	21.0	39.6	49.6	19.9
The North.....	20.4	25.9	42.3	9.3
The South.....	10.8	17.4	16.6	11.8
The West.....	15.4	33.9	47.1	18.0
East of the Mississippi.....	17.7	28.4	37.8	11.7
West of the Mississippi.....	18.5	23.7	44.6	10.4

## EXPENDITURES FOR LABOR AND FERTILIZERS ON FARMS.

**Expenditures for labor: 1909 and 1899.**—The schedules of the Twelfth and Thirteenth Censuses contained inquiries as to the amount paid by farmers for hired labor during the year preceding the taking of the census. No attempt was made to ascertain the number of persons hired. In many cases farmers hire labor only for a few days or a few weeks during the year and it would be impossible to determine the true average number employed for the year; and the actual number employed on any selected date, even if ascertained correctly, might be by no means typical of average conditions throughout the year. The schedule inquiry as to wages distinguished between money pay-

ment and the value of house rent and board furnished. It is probable that the latter item is, in general, less correctly reported than the former, and that it is in most cases somewhat understated. The two classes of payment are combined in most of the tables.

Table 14 presents statistics regarding expenditures for labor for each geographic division and section. As an aid to interpreting the data, the distribution of the total and of the improved acreage of farm land among the divisions and sections by percentages is also shown.

The amounts paid for labor in individual states, together with other data, are shown in Table 15.

Table 14

DIVISION OR SECTION.	AMOUNT EXPENDED FOR LABOR.				AMOUNT EXPENDED FOR FERTILIZERS.				PER CENT OF UNITED STATES TOTAL.							
	1909		Increase.		1909		Increase. <sup>1</sup>		Amount expended for labor.		Amount expended for fertilizers.		All land in farms.		Improved land in farms.	
	1909	1899	Amount.	Per cent.	1909	1899	Amount.	Per cent.	1909	1899	1909	1899	1910	1900	1910	1900
United States.....	\$651,611,287	\$357,391,930	\$294,219,357	82.3	\$114,882,541	\$53,430,910	\$61,451,631	115.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	34,500,407	20,727,980	13,772,427	66.4	9,407,759	4,297,705	5,110,054	118.9	5.3	5.8	8.2	8.0	2.2	2.5	1.5	2.0
Middle Atlantic.....	78,021,579	50,469,890	27,551,689	54.6	18,221,474	11,344,200	6,877,184	60.6	12.0	14.1	15.9	21.2	4.9	5.3	6.1	7.4
East North Central.....	117,880,195	67,556,520	50,323,675	74.5	8,058,881	5,866,520	2,192,361	37.4	18.1	18.9	7.0	11.0	13.4	13.9	18.6	20.9
West North Central.....	135,924,234	75,764,460	60,159,774	79.4	983,216	1,407,175	-423,959	-30.1	20.9	21.2	0.9	2.6	26.5	24.0	34.3	32.7
South Atlantic.....	66,607,245	37,086,040	29,521,205	79.6	59,625,130	22,732,670	36,892,460	162.3	10.2	10.4	51.9	42.5	11.8	12.4	10.1	11.1
East South Central.....	35,308,883	19,575,416	15,733,467	80.4	12,901,239	5,337,708	7,563,531	141.7	5.4	5.5	11.2	10.0	9.3	9.7	9.2	9.7
West South Central.....	59,980,738	29,871,225	30,109,513	100.8	3,225,927	1,374,116	1,851,811	134.8	9.2	8.4	2.8	2.6	19.2	21.0	12.2	9.6
Mountain.....	46,939,012	20,372,255	26,566,757	130.4	159,342	77,116	82,226	106.6	7.2	5.7	0.1	0.1	6.8	5.5	3.3	2.0
Pacific.....	76,448,994	35,968,144	40,480,850	112.5	2,299,573	995,610	1,303,963	131.4	11.7	10.1	2.0	1.9	5.8	5.7	4.6	4.5
The North.....	366,326,415	214,518,850	151,807,565	70.8	36,671,330	22,915,690	13,755,640	60.0	56.2	60.0	31.9	42.9	47.1	45.6	60.6	63.0
The South.....	161,896,896	86,532,681	75,364,185	87.1	75,732,296	29,444,494	46,307,802	157.3	24.8	24.2	65.9	55.1	40.3	43.2	31.5	30.4
The West.....	123,388,006	56,340,399	67,047,607	119.0	2,438,915	1,070,726	1,368,189	129.6	18.9	15.8	2.1	2.0	12.6	11.2	7.9	6.6
East of the Mississippi.....	332,318,309	195,415,846	136,902,463	70.1	108,214,483	49,578,893	58,635,590	118.3	51.0	54.7	94.2	92.8	41.7	43.8	45.6	51.1
West of the Mississippi.....	319,292,978	161,976,084	157,316,894	97.1	6,668,058	3,852,017	2,816,041	73.1	49.0	45.3	5.8	7.2	58.3	56.2	54.4	48.9

<sup>1</sup> A minus sign (-) denotes decrease.



The total amount reported as expended for farm labor (including the value of rent and board furnished) in the country as a whole in 1909 was \$651,611,000, as compared with \$357,392,000 in 1899—an increase

of 82.3 per cent. This increase is due in part to higher rates of wages, and in part to employment of additional laborers, or employment for longer periods of time.

Table 15

STATE.	AMOUNT EXPENDED BY FARMERS FOR—					RECEIPTS FROM SALE OF FEED-ABLE CROPS.
	Labor.		Fertilizers.		Feed.	
	1909	1899	1909	1899	1909	1909
NEW ENGLAND:						
Maine.....	\$5,633,106	\$2,667,260	\$4,069,479	\$519,680	\$7,267,854	\$1,567,463
New Hampshire.....	3,374,126	2,304,520	512,580	367,980	4,614,938	447,535
Vermont.....	4,748,003	3,133,140	570,752	447,065	4,758,703	966,276
Massachusetts.....	12,101,959	7,487,280	1,965,082	1,320,600	10,878,178	738,987
Rhode Island.....	1,761,594	1,032,360	335,103	264,140	1,678,183	116,079
Connecticut.....	6,881,619	4,103,420	1,954,163	1,078,240	5,416,108	510,397
MIDDLE ATLANTIC:						
New York.....	41,312,014	27,102,130	7,142,265	4,493,050	29,545,703	10,349,957
New Jersey.....	11,097,727	6,720,030	4,277,604	2,165,320	5,947,181	2,076,981
Pennsylvania.....	25,611,838	16,647,730	6,801,605	4,685,920	19,203,160	9,157,120
E. N. CENTRAL:						
Ohio.....	25,631,185	14,502,600	4,180,485	2,695,470	8,445,761	31,396,130
Indiana.....	17,682,079	9,685,540	2,189,090	1,553,710	6,893,901	32,749,631
Illinois.....	36,308,376	22,182,550	615,594	830,660	13,915,628	104,425,194
Michigan.....	19,003,082	10,717,220	945,354	492,360	5,682,915	12,234,203
Wisconsin.....	19,195,473	10,468,610	127,753	294,320	5,672,916	14,857,856
W. N. CENTRAL:						
Minnesota.....	22,330,149	16,657,820	74,653	251,120	5,041,925	19,741,965
Iowa.....	24,781,592	16,375,670	109,570	337,190	18,582,251	57,034,312
Missouri.....	18,644,695	9,803,610	671,073	370,630	17,148,008	20,077,983
North Dakota.....	21,740,149	9,207,220	10,003	13,855	2,000,028	6,679,840
South Dakota.....	12,831,944	5,528,070	11,294	12,940	3,049,255	16,373,129
Nebraska.....	15,028,468	7,399,160	31,021	153,080	12,567,838	31,587,632
Kansas.....	20,567,237	10,792,910	75,602	268,360	17,815,252	22,911,128
SOUTH ATLANTIC:						
Delaware.....	1,612,471	1,075,960	864,577	539,040	337,841	713,022
Maryland.....	8,802,172	5,715,520	3,387,634	2,618,890	2,445,065	3,240,590
Dist. Columbia.....	238,833	197,420	16,975	22,600	130,077	180
Virginia.....	13,354,194	7,790,720	6,932,455	3,681,790	3,504,660	3,753,316
SOUTH ATLANTIC—Continued.						
West Virginia.....	\$4,035,764	\$2,041,560	\$528,937	\$405,270	\$1,938,233	\$1,212,228
North Carolina.....	9,220,564	5,444,950	12,262,533	4,479,030	3,151,190	2,061,783
South Carolina.....	10,770,758	6,107,100	15,162,017	4,494,410	1,830,815	1,164,874
Georgia.....	13,218,113	7,244,520	16,860,149	5,738,520	4,097,043	2,045,033
Florida.....	5,354,376	1,468,290	3,609,853	753,120	1,820,356	486,329
E. S. CENTRAL:						
Kentucky.....	12,243,851	6,613,330	1,350,790	908,250	4,014,998	6,282,120
Tennessee.....	8,448,059	4,730,370	1,216,296	898,070	3,570,551	6,713,097
Alabama.....	7,454,748	4,314,460	7,630,952	2,599,290	4,041,486	1,744,732
Mississippi.....	7,162,225	3,917,250	2,703,271	932,098	3,980,638	943,830
W. S. CENTRAL:						
Arkansas.....	7,654,571	3,171,090	596,553	172,510	4,275,587	2,700,067
Louisiana.....	16,704,125	10,692,710	2,004,919	1,076,890	3,784,140	1,515,043
Oklahoma.....	9,837,541	3,675,520	29,092	5,863,373	16,430,110	16,430,110
Texas.....	25,784,501	12,331,905	595,363	124,716	10,800,046	8,295,157
MOUNTAIN:						
Montana.....	10,930,477	5,077,340	12,323	3,940	1,741,071	3,942,518
Idaho.....	6,701,604	2,250,450	20,737	17,150	2,122,709	5,275,620
Wyoming.....	6,174,164	2,615,230	5,302	12,700	1,508,828	1,238,522
Colorado.....	10,818,465	4,100,905	61,113	23,225	4,592,799	5,010,168
New Mexico.....	3,645,423	1,951,110	25,371	2,880	1,527,037	1,445,063
Arizona.....	2,504,984	1,152,670	6,080	2,921	541,371	1,445,838
Utah.....	3,169,917	1,837,900	20,037	14,300	727,409	1,330,199
Nevada.....	2,993,978	1,386,650	8,379	443,285	1,136,968	
PACIFIC:						
Washington.....	15,370,931	5,280,190	87,023	29,165	5,045,297	7,277,118
Oregon.....	11,101,864	4,842,834	68,557	27,395	3,198,363	4,514,161
California.....	49,976,199	25,845,120	2,143,993	937,050	12,676,903	21,329,528

<sup>1</sup> Includes Indian Territory.

The distribution of the payments for labor among the geographic divisions does not conform very closely to the distribution of the total acreage of farms, or of the improved acreage. In particular, the New England, Middle Atlantic, Mountain, and Pacific divisions report a larger proportion of the total expenditures for labor than of either of the other items mentioned, while the East and West South Central divisions report a much smaller proportion. These differences are probably due partly to differences in the prevailing rate of wages, but more largely to differences in the method of managing farms. Thus

in the South there is less hired labor because of the prevalence of small tenant farms.

These differences among the divisions in the extent to which farmers hire labor are further brought out by Table 16, which shows for 1909 the proportion which the farms in each division which reported expenditures for labor in 1909 form of the total number of farms and the average expenditure per farm reporting. As a guide to the interpretation of this average, the average size of all farms in each division is shown, it being impossible to state the average size of the farms which hire labor.

Table 16

DIVISION OR SECTION.	Per cent farms reporting form of all farms: 1909	Average per farm reporting: 1909	Average per acre. <sup>1</sup>				Per cent farms reporting form of all farms: 1909	Average per farm reporting: 1909	Average per acre. <sup>1</sup>				All land in farms.		Improved land in farms.	
			All land in farms.		Improved land in farms.				All land in farms.		Improved land in farms.					
			1909	1899	1909	1899			1909	1899	1909	1899	1910	1900	1910	1900
United States.....	45.9	\$223	\$0.74	\$0.43	\$1.36	\$0.86	28.7	\$63	\$0.13	\$0.06	\$0.24	\$0.13	138.1	146.2	75.2	72.2
New England.....	66.0	277	1.75	1.01	4.76	2.55	60.9	82	0.48	0.21	1.30	0.53	104.4	107.1	38.4	42.4
Middle Atlantic.....	65.8	253	1.81	1.13	2.66	1.64	57.1	68	0.42	0.25	0.62	0.37	92.2	92.4	62.6	63.4
East North Central.....	52.7	199	1.00	0.58	1.33	0.78	19.6	37	0.07	0.05	0.09	0.07	105.0	102.4	79.2	76.3
West North Central.....	51.0	240	0.58	0.38	0.83	0.56	2.1	41	(?)	0.01	0.01	0.01	209.6	189.5	148.0	127.9
South Atlantic.....	42.2	142	0.64	0.36	1.37	0.80	69.2	77	0.57	0.22	1.23	0.49	93.3	108.4	43.6	47.9
East South Central.....	31.6	107	0.43	0.24	0.80	0.49	33.8	37	0.16	0.07	0.29	0.13	78.2	89.9	42.2	44.5
West South Central.....	35.6	178	0.35	0.17	1.03	0.75	6.4	53	0.02	0.01	0.06	0.03	179.3	233.8	61.8	62.7
Mountain.....	46.8	547	0.79	0.44	2.95	2.42	1.3	67	(?)	0.01	0.01	0.01	324.5	457.9	86.8	82.9
Pacific.....	58.0	694	1.49	0.76	3.47	1.92	6.4	189	0.04	0.02	0.10	0.05	270.3	334.8	116.1	132.5
The North.....	55.1	230	0.89	0.56	1.26	0.82	21.7	59	0.09	0.06	0.13	0.09	143.0	133.2	100.3	90.9
The South.....	36.6	143	0.46	0.24	1.07	0.69	38.2	64	0.21	0.08	0.50	0.23	114.4	138.2	48.6	48.1
The West.....	52.5	630	1.11	0.60	3.25	2.07	3.9	169	0.02	0.01	0.06	0.04	296.9	386.1	101.7	111.8
East of the Mississippi.....	46.4	182	0.91	0.53	1.52	0.92	43.8	63	0.30	0.13	0.50	0.23	93.0	99.8	55.4	57.6
West of the Mississippi.....	45.3	291	0.62	0.34	1.23	0.80	4.1	67	0.01	0.01	0.03	0.02	211.3	229.0	107.4	98.4

<sup>1</sup> Based on acreage in 1910 of all farms and not of those hiring labor.

<sup>2</sup> Less than 1 cent.



The table further shows for 1909 and 1899 the average expenditure for labor per acre of land in farms and per acre of improved land in farms, both of these averages being based on the acreage of all farms and not that of farms reporting expenditures for labor. From the figures given it appears that of the farms in the New England division 66 per cent hired labor in 1909, the average expenditure per farm reporting being \$277, while in the East South Central division, where there are many small tenant farms, only 31.6 per cent of all farms hired labor, and the average expenditure per farm was only \$107.

Table 17 distinguishes between money payment for labor and the value of house rent and board furnished.

For the United States as a whole, 80.1 per cent of the total amount expended for labor in 1909 was in the form of cash, the remainder (19.9 per cent) representing the value of rent and board furnished.

DIVISION.	Total.	Cash.		Rent and board furnished.	
		Amount.	Per cent of total.	Amount.	Per cent of total.
<b>United States.....</b>	<b>\$651,611,287</b>	<b>\$521,729,941</b>	<b>80.1</b>	<b>\$129,881,346</b>	<b>19.9</b>
New England.....	34,500,407	27,603,492	80.0	6,896,915	20.0
Middle Atlantic.....	78,021,579	59,913,169	76.8	18,108,410	23.2
East North Central.....	117,889,195	91,591,170	77.7	26,298,025	22.3
West North Central.....	135,924,234	105,023,453	77.3	30,900,781	22.7
South Atlantic.....	66,607,245	55,413,285	83.2	11,193,960	16.8
East South Central.....	35,208,883	28,662,434	81.2	6,546,449	18.8
West South Central.....	59,980,738	52,219,927	87.1	7,760,811	12.9
Mountain.....	46,939,012	37,384,652	79.6	9,554,360	20.4
Pacific.....	76,448,994	63,918,359	83.6	12,530,635	16.4

**Expenditures for fertilizers: 1909 and 1899.**—At the last two censuses the agricultural schedules contained inquiries as to the amount expended for fertilizers. These expenditures are made chiefly for commercial or artificial fertilizers, but to some extent for the purchase of manure or other natural fertilizers derived chiefly from cities, towns, and villages. Table 14 presents data regarding expenditures for fertilizers by geographic divisions and sections. Less detailed data for each state appear in Table 15.

Considered as an aggregate the cereals are, both in acreage and value, the most important of the crops of the United States. In 1909 they occupied 40 per cent of all improved farm land, and contributed 48.6 per cent of the value of all crops. The acreage, production, and value of the combined cereals in 1909, with comparative figures for 1899, are given in Table 21.

Attention has already been called to the large share which the two North Central divisions have in the acreage of cereals. With upwards of 126,000,000 acres in 1909 these two divisions contained nearly two-thirds of the total cereal acreage of the country, though at the same time it should be noted that these

The total amount reported as spent for fertilizers by the farmers of the United States in 1909 was \$114,883,000, an increase of 115 per cent as compared with the expenditure in 1899.

There is a wide diversity among the sections of the country with reference to the practice of buying fertilizers. The great bulk of the expenditure reported in 1909 was in New England, the Middle Atlantic division, the states of Ohio and Indiana in the East North Central division, the South Atlantic division (which reported more than half of the total), and the East South Central division. In the other sections of the country the fertility of the soil, in so far as any attempt is made to conserve it, is usually maintained rather by rotation of crops, letting the land lie fallow, or using manure derived from live stock. Differences in the character of the soil and in the kinds of crops raised have a direct bearing on the use of commercial fertilizers. The South Atlantic division shows a higher rate of increase in expenditures for fertilizers (162.3 per cent) between 1899 and 1909 than any other. In the West North Central division, where the expenditures for fertilizers at both censuses were very low, they were considerably less in 1909 than in 1899.

The percentages and averages in Table 16 show further the differences among the geographic divisions with respect to the practice of buying fertilizers. In the country as a whole in 1909, 28.7 per cent of the farms bought fertilizers, the average expenditure per farm being \$63. In the South Atlantic division 69.2 per cent of all the farms reported some expenditure for fertilizers in 1909, the average per farm reporting being \$77, while in the West North Central division only 2.1 per cent of the farms bought fertilizers, and the average amount spent per farm was only \$41, notwithstanding the fact that the farms of this section average much larger than those in the South Atlantic division. The expenditures for fertilizers in the South Atlantic division were equal to \$1.23 for each acre of improved land in farms (based on all farms and not merely those reporting expenditures for fertilizers), while in the West North Central division the corresponding average was only \$0.01.

#### THE CEREALS.

divisions contained slightly more than one-half of all the improved farm land. Seven states—Illinois, Kansas, Iowa, Nebraska, North Dakota, Missouri, and Minnesota—with an aggregate of 92,000,000 acres, contained nearly one-half of the total acreage in cereals in 1909.

Comparing 1909 with 1899, the figures for the United States as a whole show an increase of 3.5 per cent in the acreage of cereals and of only 1.7 per cent in production, the difference in the rate of increase being due to a slightly smaller production per acre. During the decade the population increased 21 per cent, while the per capita production of cereals, which in 1899 was 58.4 bushels, was in 1909 only 49.1 bushels. With a



production only slightly larger, the value of the cereal crop in 1909 exceeded that in 1899 by \$1,183,000,000, or 79.8 per cent.

The slight gain which has been noted in the cereal acreage was far from being evenly distributed throughout the country. Indeed, all divisions east of the Mississippi River lost in acreage, the aggregate loss being over 6,000,000 acres. West of the Mississippi River, on the other hand, all divisions except the Pacific increased their acreage, with a net gain of over 12,000,000 acres. Twenty-seven states had a smaller acreage of cereals in 1909 than in 1899. Of the seven leading states mentioned above, North Dakota increased its acreage enormously during the decade, Kansas made a considerable, and Nebraska a slight gain, but in Illinois, Iowa, Minnesota, and Missouri decreases occurred.

The distribution of production throughout the several divisions and the increase or decrease from one year to another follow the conditions observed in regard to acreage approximately, but not exactly, since variations in the average yield in different sections make some changes in the proportions. For the United States as a whole the production was practically the same in 1909 as in 1899, with an increase of only 1.7 per cent in the later year as compared with the earlier.

Twenty-one states reported a smaller production in 1909 than in 1899. Of the seven leading states, North Dakota shows an increase in production even greater relatively than that in acreage, and Minnesota shows a slight increase in production, in spite of a decrease in acreage, while Illinois, Kansas, Iowa, Nebraska, and Missouri show a decrease in production, though Kansas and Nebraska gained in acreage.

Table 21 shows that the remarkable increase in the value of the cereal crop disclosed by the census generally was shared by all divisions. In only one state, California, was there any decrease in the value of the cereal production in 1909 as compared with 1899. Elsewhere the general advance in values more than offset such losses as occurred in production.

While the cereals will later be discussed individually, it is of interest to consider here the relative importance of the different crops. This is shown in Table 18, which gives for the United States and for each geographic division and section the percentage of the aggregate cereal acreage which was occupied by each crop in 1909.

In the United States as a whole a little more than one-half of the acreage devoted to cereals is in corn, a little less than one-fourth in wheat, and somewhat more than one-sixth in oats. In each of the nine divisions except the Pacific the three leading cereals—corn, wheat, and oats—occupy, as in the United States at large, much more than three-fourths of the total cereal acreage. In the Pacific states the acreage of corn is insignificant and that of barley exceeds that

of oats. Corn occupies the leading place in the important cereal producing regions, but in the New England and Middle Atlantic divisions the first place is held by oats, and in the Pacific and Mountain divisions by wheat. The cereals included under the head of "all other" in the final column of the table are emmer and spelt, kafir corn, and rice. The share of these in the aggregate acreage in most divisions is slight, but in the West South Central division kafir corn occupies 5.7 per cent and rice 3 per cent of the total cereal acreage.

Table 18

PER CENT OF TOTAL CEREAL ACREAGE (1909) IN—

DIVISION OR SECTION.	All cereals.	Corn.	Wheat.	Oats.	Barley.	Rye.	Buck-wheat.	All other.
United States.....	100.0	51.4	23.1	18.4	4.0	1.1	0.5	1.5
New England.....	100.0	38.9	1.0	47.6	3.5	2.8	6.1	(1)
Middle Atlantic.....	100.0	29.1	21.5	33.9	1.2	6.4	8.0	(1)
East North Central.....	100.0	51.8	16.6	26.5	2.4	2.3	0.3	(1)
West North Central.....	100.0	42.9	30.9	18.8	5.7	0.6	(1)	1.1
South Atlantic.....	100.0	74.5	14.7	9.0	0.1	1.0	0.6	0.2
East South Central.....	100.0	83.4	9.7	6.4	(1)	0.4	(1)	(1)
West South Central.....	100.0	76.6	8.0	6.6	0.1	(1)	(1)	8.8
Mountain.....	100.0	13.8	38.3	34.7	9.3	1.0	(1)	2.9
Pacific.....	100.0	1.6	57.9	13.8	25.4	0.4	(1)	0.8
The North.....	100.0	45.0	25.8	22.2	4.4	1.4	0.6	0.7
The South.....	100.0	77.9	10.6	7.3	0.1	0.4	0.2	3.6
The West.....	100.0	6.1	50.7	21.5	19.5	0.6	(1)	1.5
East of the Mississippi.....	100.0	59.4	15.4	20.5	1.4	2.1	1.1	(1)
West of the Mississippi.....	100.0	45.8	28.5	16.9	5.8	0.5	(1)	2.5

<sup>1</sup> Less than one-tenth of 1 per cent.

In the South corn occupies over three-fourths of the total cereal acreage, but in the North the proportion is less than one-half. In both of these sections wheat is second in importance, with oats a close third. In the West, however, wheat occupies one-half the cereal acreage, and oats and barley each about one-fifth, while the acreage of corn is insignificant.

Table 19 shows the distribution of the total acreage of each particular crop among the different geographic divisions and sections.

Table 19

PER CENT OF TOTAL ACREAGE IN THE UNITED STATES: 1909

DIVISION OR SECTION.	All cereals.	Corn.	Wheat.	Oats.	Barley.	Rye.	Buck-wheat.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	0.2	0.2	(1)	0.6	0.2	0.6	3.3
Middle Atlantic.....	3.9	2.2	3.6	7.2	1.1	21.5	67.4
East North Central.....	22.1	22.3	15.9	31.9	13.1	44.1	15.9
West North Central.....	43.7	36.5	58.4	44.7	61.9	21.4	3.0
South Atlantic.....	8.0	11.6	5.1	3.9	0.2	7.2	9.7
East South Central.....	7.1	11.5	3.0	2.5	0.1	2.3	0.5
West South Central.....	10.2	15.2	3.5	3.6	0.2	0.3	(1)
Mountain.....	1.8	0.5	2.9	3.3	4.1	1.5	(1)
Pacific.....	3.0	0.1	7.6	2.3	19.2	1.2	0.1
The North.....	70.0	61.2	78.0	84.4	76.3	87.7	89.6
The South.....	25.3	38.2	11.6	10.0	0.5	9.7	10.2
The West.....	4.8	0.6	10.5	5.6	23.2	2.6	0.2
East of the Mississippi.....	41.3	47.7	27.6	46.1	14.7	75.7	96.9
West of the Mississippi.....	58.7	52.3	72.4	53.9	85.3	24.3	3.1

<sup>1</sup> Less than one-tenth of 1 per cent.

This distribution reflects in part the size of the different divisions and sections of the country, or, rather, the amount of improved land in them. Hence for the three leading cereals, corn, oats, and wheat, the largest proportion of the acreage is found in the West North



Central division and the next largest in the East North Central division. In the acreage of barley the prominence of the West North Central division is even more clearly marked, but the Pacific division shows a larger proportion of the total than the East North Central. The center of buckwheat production is in the Middle Atlantic division, which has more than two-thirds of the total acreage. In the case of rye the East North Central division leads, followed by the Middle Atlantic and West North Central, which have almost identical proportions. Of the acreage of cereals not shown in the table, 95.5 per cent of that in rice is in the West South Central division; 67.7 per cent of that in kafir corn is in the same division; and 91.1 per cent of that in emmer and spelt is in the West North Central division.

About three-fifths of the corn acreage and more than three-fourths of that of each of the other cereals mentioned in the table are in the North. The South has a much larger proportion of the acreage of corn than of that of the other cereals, while the West has nearly one-fourth of the acreage of barley.

Table 20 gives the acreage of the cereal group as a whole and of the several cereal crops, as reported at each census from 1879 to 1909. The distribution of the acreage of all cereals in 1909 among the states is shown by the map below.

The acreage of the cereals increased rapidly during the 20 years preceding 1899, being in that year nearly 45,000,000 greater than in 1889 and 66,000,000 greater than in 1879. In the last decade, however, the increase in the acreage of the cereal crops amounted to

but little more than 6,000,000. Corn and wheat made their greatest gains in the decade ending with 1899, and since that time the increase in the acreage of corn has been relatively small, while the acreage of wheat has fallen off more than 8,000,000. After an increase of over 12,000,000 in the acreage of oats between 1879 and 1889 this crop made a comparatively slight increase in the following 10 years, but in the decade ending with 1909 gained nearly 6,000,000 acres. Of the minor cereals, barley shows a substantial increase in each decade, while the acreage of rye increased about one-sixth between 1879 and 1889, but shows comparatively little change during the next 20 years, and the acreage of buckwheat has remained practically stationary during the 30 years covered by the table. The acreage of rice changed but little during the first decade, but practically doubled during each succeeding one. At each census corn has occupied more than half of the cereal acreage, while wheat has ranked second and oats third.

Table 20

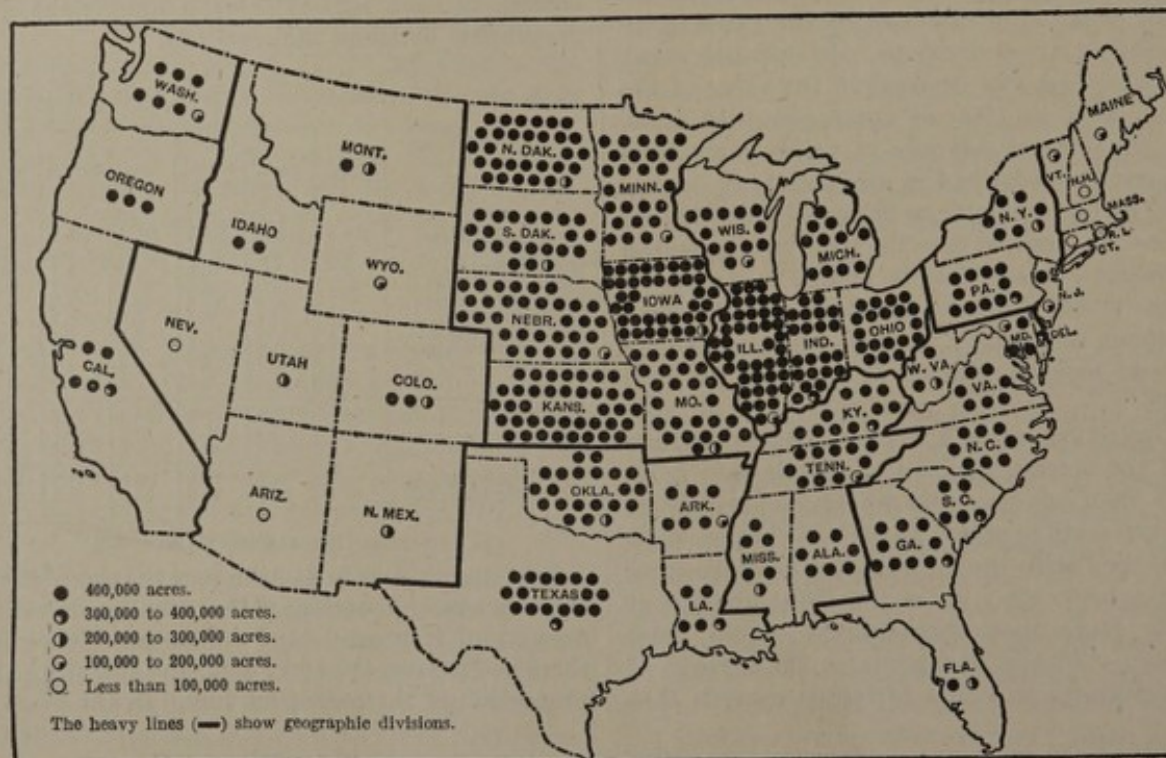
ACREAGE IN THE UNITED STATES.

CROP.	1909	1899	1889	1879
All cereals.....	191,395,963	184,982,220	140,378,857	118,805,952
Corn.....	98,382,665	94,913,673	72,087,752	62,368,504
Oats.....	35,159,441	29,539,698	28,320,677	16,144,593
Wheat.....	44,262,592	82,588,574	33,579,514	35,430,333
Barley.....	7,698,706	4,470,196	3,220,834	1,997,727
Buckwheat.....	878,048	807,060	837,164	848,389
Rye.....	2,195,561	2,054,292	2,171,604	1,842,233
Rough rice.....	610,175	342,214	161,312	174,173
Emmer and spelt.....	573,622	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Kafir corn and milo maize.....	1,635,153	266,513	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Not reported separately.

## ALL CEREALS.

ACREAGE, BY STATES: 1909.





## FARM CROPS, BY STATES.

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## ALL CEREALS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 21 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States....	191,395,963	184,982,220	6,413,743	3.5	4,512,564,465	4,438,857,013	73,707,452	1.7	\$2,665,539,714	\$1,482,603,049	\$1,182,936,665	79.8
GEOGRAPHIC DIVISIONS:												
New England.....	468,617	505,327	-36,710	-7.3	16,972,973	17,447,477	-474,504	-2.7	10,664,849	7,722,703	2,942,146	38.1
Middle Atlantic....	7,430,170	8,452,125	-1,021,955	-12.1	182,950,097	213,777,362	-30,827,265	-14.4	123,246,651	92,032,936	31,213,715	33.9
East North Central.	42,305,757	43,553,749	-1,247,992	-2.9	1,382,640,124	1,371,560,131	11,079,993	0.8	731,015,347	428,809,352	302,206,995	70.5
West North Central.	83,705,743	75,771,149	7,934,594	10.5	1,936,411,197	1,877,640,699	58,770,498	3.1	1,089,912,479	547,296,135	542,616,344	99.1
South Atlantic.....	15,282,740	16,964,662	-1,681,922	-9.9	231,040,725	220,394,303	10,646,422	4.8	194,466,951	111,068,436	83,398,515	75.1
East South Central.	13,575,676	15,601,376	-2,025,700	-13.0	237,766,717	251,846,755	-14,080,038	-5.6	173,832,911	114,349,649	59,483,262	52.0
West South Central.	19,468,212	15,919,053	3,549,159	22.3	309,793,487	326,732,734	-16,939,247	-5.2	194,958,491	109,968,922	84,989,569	77.3
Mountain.....	3,354,674	1,636,980	1,717,694	104.9	88,929,191	36,715,523	52,213,668	142.2	56,779,935	16,229,286	40,550,649	250.1
Pacific.....	5,804,374	6,577,799	-773,425	-11.8	126,059,954	122,742,029	3,317,925	2.7	90,662,100	55,137,630	35,524,470	64.4
NEW ENGLAND:												
Maine.....	159,616	166,896	-7,280	-4.4	5,395,168	5,291,055	103,513	2.0	3,100,902	2,138,203	962,699	45.0
New Hampshire....	32,928	42,335	-9,407	-22.2	1,355,965	1,077,225	-321,260	-19.2	579,631	774,243	105,388	13.6
Vermont.....	134,611	160,127	-25,516	-15.9	4,351,467	5,708,140	-1,356,673	-23.8	2,651,877	2,446,585	205,292	8.4
Massachusetts.....	55,267	53,385	1,882	3.5	2,402,738	1,894,035	508,703	26.9	1,617,131	922,127	695,004	75.4
Rhode Island.....	12,112	10,552	1,560	14.8	459,384	350,110	109,274	31.2	376,097	189,657	186,440	98.3
Connecticut.....	74,083	72,032	2,051	2.8	3,008,251	2,526,312	481,939	19.1	2,039,211	1,251,888	787,323	62.9
MIDDLE ATLANTIC:												
New York.....	2,602,461	3,125,077	-522,616	-16.7	69,239,218	80,413,695	-11,174,477	-13.9	43,099,988	34,284,705	8,815,283	25.7
New Jersey.....	503,651	588,853	-85,202	-14.5	14,035,521	15,553,475	-1,517,954	-9.8	9,797,937	6,938,690	2,859,247	41.2
Pennsylvania.....	4,324,058	4,738,195	-414,137	-8.7	99,675,358	117,810,192	-18,134,834	-15.4	70,348,726	50,809,541	19,539,185	38.5
EAST NORTH CENTRAL:												
Ohio.....	7,649,873	8,214,900	-565,027	-6.9	247,749,763	245,957,855	1,791,908	0.7	137,907,934	91,748,320	46,159,614	50.3
Indiana.....	8,752,732	8,471,709	281,023	3.3	281,488,700	249,445,647	32,043,053	12.8	151,898,146	81,858,825	70,039,321	85.6
Illinois.....	16,536,457	16,769,010	-232,553	-1.4	580,954,423	600,107,378	-19,152,955	-3.2	297,523,098	164,784,437	132,738,661	80.5
Michigan.....	4,415,029	4,721,126	-306,097	-6.5	121,862,638	105,359,403	16,503,235	15.7	70,544,250	41,819,042	28,725,208	68.7
Wisconsin.....	4,951,066	5,376,944	-425,878	-7.9	150,584,600	170,689,848	-20,105,248	-11.8	73,141,919	48,595,728	24,546,191	50.5
WEST NORTH CENTRAL:												
Minnesota.....	10,139,850	11,207,069	-1,067,219	-9.5	259,148,531	242,853,903	16,294,628	6.7	140,864,148	85,817,555	55,046,593	64.1
Iowa.....	15,041,039	16,920,095	-1,879,056	-11.1	489,803,118	593,978,358	-104,175,240	-17.5	230,205,315	147,919,076	82,286,239	55.6
Missouri.....	10,255,476	10,423,745	-168,269	-1.6	246,786,298	252,772,272	-5,985,974	-2.4	147,980,414	79,574,841	68,405,573	86.0
North Dakota.....	11,887,141	5,610,374	6,276,767	111.9	217,246,773	90,430,446	126,816,327	140.2	149,133,451	40,126,051	109,007,400	271.6
South Dakota.....	8,203,519	6,211,223	1,992,296	32.1	174,903,749	101,194,100	73,709,649	72.8	98,953,050	34,506,061	64,446,989	186.8
Nebraska.....	12,540,049	12,071,703	468,346	3.9	285,078,947	297,865,366	-12,786,419	-4.3	153,666,652	75,730,442	77,936,210	102.9
Kansas.....	15,638,669	13,326,940	2,311,729	17.3	263,443,581	298,546,254	-35,102,673	-11.8	169,109,449	83,622,109	85,487,340	102.2
SOUTH ATLANTIC:												
Delaware.....	309,288	318,772	-9,484	-3.0	6,648,544	6,775,575	-127,031	-1.9	4,092,329	3,032,513	1,059,816	54.7
Maryland.....	1,329,201	1,368,265	-39,064	-2.9	29,183,197	30,985,936	-1,802,739	-5.8	21,908,730	14,505,992	7,402,738	51.0
District of Columbia	452	543	-91	-16.8	13,232	16,300	-3,068	-18.8	9,935	7,039	2,896	41.1
Virginia.....	2,841,114	3,166,332	-325,218	-10.3	50,283,074	49,470,178	812,896	1.6	39,993,929	23,759,479	16,234,450	68.3
West Virginia.....	1,038,931	1,307,428	-268,497	-20.5	22,116,677	23,152,668	-1,035,991	-4.5	15,997,700	11,571,334	4,426,366	38.3
North Carolina.....	3,250,870	3,794,064	-543,194	-14.3	41,117,292	42,090,432	-973,140	-2.3	37,848,797	22,082,175	15,766,622	71.4
South Carolina.....	1,955,695	2,251,050	-295,355	-13.1	27,493,754	22,834,729	4,659,024	20.4	25,434,539	12,722,415	12,712,124	99.9
Georgia.....	3,906,703	4,150,886	-244,183	-5.9	46,536,619	39,372,927	7,163,692	18.2	42,405,019	20,481,157	21,923,862	107.0
Florida.....	650,486	607,322	43,164	7.1	7,648,336	5,695,967	1,952,369	34.3	6,175,973	2,906,332	3,269,641	112.5
EAST SOUTH CENTRAL:												
Kentucky.....	4,323,702	5,065,529	-761,827	-15.0	94,836,975	92,422,566	2,414,409	2.6	60,738,651	39,692,771	21,045,880	53.0
Tennessee.....	4,136,647	5,055,328	-918,681	-18.2	79,148,649	82,095,132	-2,946,483	-3.6	55,302,278	36,914,592	18,387,686	49.8
Alabama.....	2,844,824	3,088,454	-243,630	-7.9	34,072,032	37,610,914	-3,538,882	-9.4	30,927,210	18,424,318	12,502,892	67.9
Mississippi.....	2,270,503	2,372,065	-101,562	-4.3	29,709,061	39,718,143	-10,009,082	-25.2	26,864,772	19,317,968	7,546,804	39.1
WEST SOUTH CENTRAL:												
Arkansas.....	2,564,898	2,980,684	-415,786	-13.9	42,655,839	50,527,455	-7,871,616	-15.6	31,262,922	20,233,270	11,029,652	54.5
Louisiana.....	1,938,357	1,573,759	364,598	23.2	37,273,196	28,594,874	8,678,322	30.4	24,786,984	14,491,796	10,295,188	71.0
Oklahoma.....	8,248,653	14,431,819	-6,183,166	-74.7	129,816,483	100,318,982	29,497,501	29.4	71,798,662	28,111,290	43,687,372	155.4
Texas.....	6,716,304	6,932,791	-216,487	-3.1	100,047,969	147,291,423	-47,243,454	-32.1	67,109,923	47,132,566	19,977,357	42.4
MOUNTAIN:												
Montana.....	635,807	254,231	381,576	150.1	21,239,157	7,599,180	13,639,977	179.5	12,251,345	3,267,726	8,983,619	274.9
Idaho.....	847,138	369,788	477,350	129.1	26,528,174	8,394,800	18,133,374	216.0	16,026,676	3,212,387	12,814,289	398.9
Wyoming.....	186,947	50,528	136,419	270.0	4,523,310	1,195,775	3,327,535	278.3	2,744,502	528,481	2,216,021	419.3
Colorado.....	1,057,905	525,299	532,606	101.4	22,322,328	10,501,528	11,820,800	112.6	14,787,519	4,700,271	10,087,248	214.6
New Mexico.....	218,037	96,402	121,635	126.2	2,975,383	1,633,102	1,342,281	80.0	2,382,996	979,903	1,403,093	143.2
Arizona.....	75,269	53,958	21,311	39.5	1,878,960	1,147,262	731,698	63.8	1,570,833	673,639	897,194	133.2
Utah.....	298,613	255,699	42,914	16.8	8,296,625	5,381,125	2,915,500	54.2	6,092,281	2,386,789	3,705,492	155.3
Nevada.....	34,958	31,075	3,883	12.5	1,165,254	842,751	322,503	38.3	923,763	471,090	452,673	96.1
PACIFIC:												
Washington.....	2,591,582	1,350,897	1,240,685	91.8	60,610,807	30,430,585	30,180,222	99.2	44,762,138	12,191,397	32,570,741	267.2
Oregon.....	1,242,300	1,222,648	19,652	1.6	26,343,230	23,225,515	3,117,715	13.4	17,860,136	9,271,500	8,588,636	92.6
California.....	1,970,492	4,004,254	-2,033,762	-50.8	39,105,917	69,085,929	-29,980,012	-43.4	28,039,826	33,674,733	-5,634,907	-16.7

\* Includes Indian Territory.



**Corn.**—For the United States as a whole the area of corn harvested increased from 94,914,000 acres in 1899 to 98,383,000 in 1909, or 3.7 per cent, but the production decreased from 2,666,000,000 bushels to 2,552,000,000 bushels, or 4.3 per cent. The total value of the crop of 1909, however, was \$1,439,000,000, as compared with \$828,000,000 in 1899, an increase of \$610,000,000, or 73.7 per cent. Corn in 1909 occupied 20.6 per cent of the improved farm land of the country and contributed 26.2 per cent of the total value of crops. The statistics are presented by divisions and states, in Table 23.

Table 22 gives, for the nine geographic divisions and for the five leading producing states, percentages and averages derived mainly from Table 23.

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHELS PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of im- proved land.	1909	1899	1909	1899	1909	1899
United States...	100.0	20.6	25.9	28.1	\$0.56	\$0.31	\$14.62	\$8.73
New England.....	0.2	2.5	45.2	39.4	0.67	0.51	30.54	20.04
Middle Atlantic.....	2.2	7.4	32.2	34.0	0.65	0.43	21.05	14.63
East North Central...	22.3	24.6	38.6	38.3	0.51	0.30	19.83	11.51
West North Central...	36.5	21.9	27.7	31.4	0.51	0.26	14.00	8.07
South Atlantic.....	11.6	23.5	15.8	14.1	0.83	0.47	13.13	6.00
East South Central...	11.5	25.8	18.6	18.4	0.72	0.43	13.33	7.98
West South Central...	15.2	25.6	15.7	21.9	0.61	0.32	9.59	6.98
Mountain.....	0.5	2.9	15.8	16.5	0.63	0.50	9.89	8.31
Pacific.....	0.1	0.4	24.0	25.2	0.78	0.47	18.82	11.80
Illinois.....	10.2	35.8	38.8	38.8	0.51	0.29	19.74	11.21
Iowa.....	9.4	31.3	37.1	39.1	0.49	0.25	18.16	9.92
Kansas.....	8.2	27.1	19.1	27.8	0.52	0.25	9.96	7.03
Nebraska.....	7.4	29.8	24.8	28.8	0.49	0.24	12.14	6.99
Missouri.....	7.2	28.9	25.9	28.1	0.56	0.29	15.09	8.25

The percentage of the acreage in each geographic division has already been discussed. The leading states in acreage of corn are Illinois, Iowa, Kansas, Nebraska, and Missouri, in the order named. Each of these states had more than 7,000,000 acres in corn in 1909, their aggregate acreage being nearly 42,000,000, or over two-fifths of the total corn acreage of the United States. The distribution of the corn acreage of 1909 among the states is shown by the map on page 384.

In the United States as a whole corn occupies about one-fifth of the improved land in farms, this proportion being exceeded in each of the five principal agricultural divisions. In the five states mentioned above corn occupies more than one-fourth of the improved land in farms, while in Illinois it occupies more than one-third and in Iowa almost one-third.

Table 23 shows that by far the most extensive change in the acreage of corn during the decade from 1899 to 1909 was in the West South Central division, where the area harvested increased 3,731,000 acres, or 33.4 per cent, almost all of this increase taking place in the single state of Oklahoma. It may be noted also that the gain in this state is equivalent to 98.4 per cent of the entire net increase in the total corn acreage of the United States. For the Mountain division a very high percentage of increase is recorded, though the acreage is still small. A marked relative decrease is shown for the New England and Middle Atlantic divisions, but

in neither is the production of corn very important. Among the leading corn states, there were increased acreages in Minnesota, North Dakota, and South Dakota, and decreased acreages in Iowa and Missouri.

The average yield for the United States was 25.9 bushels per acre in 1909 and 28.1 bushels in 1899. Among the geographic divisions which have a considerable acreage in corn, the highest yield in 1909 was in the East North Central division and the lowest in the West South Central division. In the West North Central and West South Central divisions, which contain about one-half of the total corn acreage, the average yield in 1909 was conspicuously lower than in 1899. In the other divisions the average per acre changed but little. Among the principal corn states, Kansas showed a very conspicuous falling off in average yield, and of the five states named in the table, Illinois was the only one in which the yield did not decrease. By reason of these differences in average yield per acre, the changes in the total production of the various divisions and states do not correspond very closely with the changes in acreage. Two divisions with increased acreages report a smaller production in 1909 than in 1899, and two with reduced acreages report a greater production. In each of the five states which lead in acreage both the acreage and the production decreased during the decade, but in Kansas and Nebraska the decrease in production was much more pronounced than that in acreage.

The average value of corn per bushel in 1909 was \$0.56, as compared with \$0.31 in 1899. The divisions from which the highest average values are reported are, with the exception of the South Atlantic and East South Central divisions, those having a comparatively small acreage in corn. With the great advance in average value per bushel, there was a corresponding advance in the average value per acre, though by reason of a decreased yield per acre the percentage of increase was not so great. For the crop as a whole, however, the advance in the average value per bushel, despite a diminished production, resulted in an enormous increase in aggregate value, in which every state except Vermont shared.

The per capita production of corn in 1909 was 27.7 bushels, as compared with 35.1 bushels in 1899. The decreased production per capita, with the accompanying increase in price, has resulted in a great falling off in exports. For the year ending June 30, 1900, exports amounted to 213,123,000 bushels, equal to 8 per cent of the crop of 1899, while for the year ending June 30, 1910, they amounted to only 38,128,000 bushels, or 1.5 per cent of the crop of 1909. With the exception of the year 1908, this is the smallest proportion of the corn crop exported in any year since 1870. Of the 1899 crop the amount remaining for home use was 2,453,000,000 bushels, while of the 1909 crop it was 2,514,000,000 bushels—the amount retained in 1909 being the greater by 61,000,000 bushels. Thus in 1899, 32.3 bushels per capita remained for home use, and in 1909, 27.3 bushels.



## FARM CROPS, BY STATES.

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## CORN—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 23 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States.....</b>	<b>98,382,665</b>	<b>94,913,673</b>	<b>3,468,992</b>	<b>3.7</b>	<b>2,552,189,630</b>	<b>2,666,324,370</b>	<b>-114,134,740</b>	<b>-4.3</b>	<b>\$1,438,553,919</b>	<b>\$828,192,388</b>	<b>\$610,361,531</b>	<b>73.7</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	182,065	198,377	-16,312	-8.2	8,238,394	7,807,920	430,474	5.5	5,560,074	3,976,367	1,583,707	39.8
Middle Atlantic.....	2,158,554	2,434,743	-276,189	-11.3	69,610,602	82,873,430	-13,262,828	-16.0	45,434,191	35,612,050	9,822,141	27.6
East North Central..	21,910,191	21,590,260	319,931	1.5	845,298,285	827,065,540	18,232,745	2.2	434,424,336	248,570,575	185,853,761	74.8
West North Central..	35,945,297	35,529,298	415,999	1.2	996,358,997	1,114,154,560	-117,795,563	-10.6	503,264,949	286,872,473	216,392,476	75.4
South Atlantic.....	11,386,984	12,024,742	-637,758	-5.3	179,511,702	169,468,960	10,042,742	5.9	149,479,304	79,406,051	70,073,253	88.2
East South Central..	11,328,268	11,713,504	-385,236	-3.3	210,154,917	215,124,577	-4,969,660	-2.3	150,975,613	93,440,189	57,535,424	61.6
West South Central..	14,912,067	11,181,133	3,730,934	33.4	233,402,007	245,126,328	-11,724,321	-4.8	143,035,538	78,023,063	65,012,475	83.3
Mountain.....	463,991	160,211	303,780	189.6	7,326,043	2,647,733	4,678,310	176.7	4,587,706	1,330,780	3,256,926	244.8
Pacific.....	95,248	81,405	13,843	17.0	2,288,683	2,055,322	233,361	11.4	1,792,208	960,850	831,358	86.5
<b>NEW ENGLAND:</b>												
Maine.....	15,213	16,856	-1,643	-9.7	648,882	645,040	3,842	0.6	434,834	326,824	108,010	33.0
New Hampshire.....	19,814	25,694	-5,880	-22.9	916,263	1,080,720	-164,457	-15.2	621,806	538,738	82,568	15.3
Vermont.....	42,887	60,633	-17,746	-29.3	1,715,133	2,322,450	-607,317	-26.2	1,102,222	1,180,505	-78,283	-6.6
Massachusetts.....	41,755	39,131	2,624	6.7	2,029,381	1,539,980	489,401	31.8	1,372,144	771,277	600,867	77.9
Rhode Island.....	9,679	8,149	1,530	18.8	308,193	288,220	19,973	6.9	335,629	164,138	171,491	104.5
Connecticut.....	52,717	47,914	4,803	10.0	2,530,542	1,931,510	599,032	31.0	1,693,939	994,885	699,054	70.3
<b>MIDDLE ATLANTIC:</b>												
New York.....	512,442	658,632	-146,210	-22.2	18,115,634	20,024,850	-1,909,216	-9.5	11,439,169	9,181,782	2,257,387	24.6
New Jersey.....	265,441	295,258	-29,817	-10.1	10,000,731	10,978,800	-978,069	-8.9	6,664,162	4,533,473	2,130,689	47.0
Pennsylvania.....	1,380,671	1,480,833	-100,162	-6.8	41,494,237	51,869,780	-10,375,543	-20.0	27,330,860	21,896,795	5,434,065	24.8
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	3,916,050	3,826,013	90,037	2.4	157,513,300	152,055,390	5,457,910	3.6	82,327,269	48,037,895	34,289,374	71.4
Indiana.....	4,901,054	4,499,249	401,805	8.9	195,496,433	178,967,070	16,529,363	9.2	98,437,988	51,752,946	46,685,042	90.2
Illinois.....	10,045,839	10,266,335	-220,496	-2.1	390,218,676	308,149,140	7,930,464	-2.0	198,350,496	115,075,901	83,274,595	72.4
Michigan.....	1,589,596	1,501,189	88,407	5.9	52,906,842	44,584,130	8,322,712	18.7	29,580,929	17,798,011	11,782,918	66.2
Wisconsin.....	1,457,652	1,497,474	-39,822	-2.7	49,163,034	53,309,810	-4,146,776	-7.8	25,727,654	15,905,822	9,821,832	61.8
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	2,004,068	1,441,580	562,488	39.0	67,897,051	47,256,920	20,640,131	43.7	30,510,145	11,337,105	19,173,040	169.1
Iowa.....	9,229,378	9,804,076	-574,698	-5.9	341,750,460	383,453,190	-41,702,730	-10.9	167,622,834	97,297,707	70,325,127	72.3
Missouri.....	7,113,953	7,423,683	-309,730	-4.2	191,427,087	208,844,870	-17,417,783	-8.3	107,347,033	61,246,305	46,100,728	75.3
North Dakota.....	185,122	62,373	122,749	196.8	4,941,152	1,284,870	3,656,282	284.6	2,403,303	397,278	2,006,025	504.9
South Dakota.....	2,037,638	1,196,381	841,257	70.3	55,558,737	32,402,540	23,156,197	71.5	26,395,985	7,263,127	19,132,858	263.4
Nebraska.....	7,266,057	7,335,187	-69,130	-0.9	180,132,807	210,974,740	-30,841,933	-14.6	88,234,846	51,251,213	36,983,633	72.2
Kansas.....	8,109,061	8,266,018	-156,957	-1.9	154,651,703	229,937,430	-75,285,727	-32.7	80,750,803	58,079,738	22,671,065	39.0
<b>SOUTH ATLANTIC:</b>												
Delaware.....	188,755	192,025	-3,270	-1.7	4,839,548	4,736,580	102,968	2.2	2,903,442	1,725,452	1,177,990	68.3
Maryland.....	647,012	658,010	-10,998	-1.7	17,911,436	19,766,510	-1,855,074	-9.4	11,015,298	7,462,594	3,552,704	47.6
District of Columbia	426	462	-36	-7.8	12,667	14,960	-2,313	-15.4	9,635	6,322	3,313	52.4
Virginia.....	1,860,359	1,910,085	-49,726	-2.6	38,295,141	36,748,410	1,546,731	4.2	28,885,944	16,233,756	12,652,188	77.9
West Virginia.....	676,311	724,646	-48,335	-6.7	17,119,097	16,610,730	508,367	3.1	11,907,261	7,698,335	4,208,926	54.7
North Carolina.....	2,459,457	2,720,206	-260,749	-9.6	34,063,531	34,818,860	-755,329	-2.2	31,286,102	17,304,407	13,981,695	80.8
South Carolina.....	1,565,832	1,772,057	-206,225	-11.6	20,871,946	17,429,610	3,442,336	19.8	20,682,632	9,149,808	11,532,824	126.0
Georgia.....	3,383,061	3,477,684	-94,623	-2.7	39,374,569	34,032,230	5,342,339	15.7	37,079,981	17,155,868	19,924,113	116.1
Florida.....	605,771	569,567	36,204	6.4	7,023,767	5,311,050	1,712,717	32.2	5,700,009	2,669,509	3,030,500	113.9
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	3,436,340	3,319,257	117,083	3.5	83,348,024	73,974,220	9,373,804	12.7	50,449,112	29,423,996	21,025,116	71.5
Tennessee.....	3,146,348	3,374,574	-228,226	-6.8	67,682,489	67,307,390	375,099	0.6	45,819,093	28,039,508	17,779,585	63.3
Alabama.....	2,572,968	2,743,360	-170,392	-6.2	30,695,737	35,063,047	-4,367,310	-12.4	28,677,032	17,082,751	11,594,281	67.9
Mississippi.....	2,172,612	2,276,313	-103,701	-4.6	28,428,667	38,789,920	-10,361,253	-26.7	26,030,376	18,873,934	7,156,442	37.9
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	2,277,116	2,317,742	-40,626	-1.8	37,609,544	44,144,098	-6,534,554	-14.8	27,910,044	17,572,170	10,337,874	58.8
Louisiana.....	1,590,830	1,343,756	247,074	18.4	26,010,361	22,062,580	3,947,781	17.9	16,480,322	10,327,723	6,152,599	59.6
Oklahoma.....	5,914,069	12,501,945	3,412,124	136.4	94,283,407	168,949,300	25,334,107	26.7	48,080,554	15,698,289	32,382,265	206.3
Texas.....	5,130,052	5,017,690	112,362	2.2	75,498,695	109,970,350	-34,471,655	-31.3	50,564,618	34,424,871	16,139,747	46.9
<b>MOUNTAIN:</b>												
Montana.....	9,514	3,301	6,213	188.2	274,103	75,838	198,265	261.4	185,367	41,626	143,741	345.3
Idaho.....	9,194	4,582	4,612	100.7	318,181	111,528	206,653	185.3	191,395	55,880	135,515	242.5
Wyoming.....	9,268	1,976	7,292	369.0	176,354	38,000	138,354	364.1	101,465	19,569	81,896	418.5
Colorado.....	326,559	85,256	241,303	283.0	4,903,304	1,275,680	3,627,624	284.4	2,673,384	508,488	2,165,096	425.8
New Mexico.....	85,999	41,345	44,654	108.0	1,164,970	677,305	487,665	72.0	984,032	419,936	564,116	134.3
Arizona.....	15,605	11,654	3,951	33.9	298,664	204,748	93,916	45.9	293,847	151,564	142,283	93.9
Utah.....	7,267	11,517	-4,250	-36.9	169,688	250,020	-80,332	-32.1	134,396	121,872	12,524	10.3
Nevada.....	585	580	5	0.9	20,779	14,614	6,165	42.2	23,600	11,845	11,755	99.2
<b>PACIFIC:</b>												
Washington.....	26,033	10,483	15,550	148.3	563,025	218,706	344,319	157.4	404,367	104,263	300,104	287.8
Oregon.....	17,280	16,992	288	1.7	451,757	359,523	92,234	25.7	310,430	155,693	154,737	99.4
California.....	51,935	53,630	-1,695	-3.7	1,273,901	1,477,093	-203,192	-13.8	1,077,411	700,894	376,517	53.7

1 Includes Indian Territory.



**Wheat.**—For the United States as a whole the area harvested in 1909 was 44,263,000 acres, as compared with 52,589,000 acres in 1899, a decrease of 15.8 per cent. On the other hand, the production in 1909 was 683,000,000 bushels, or 3.8 per cent greater than in 1899, when it was 659,000,000 bushels. The value of the crop of 1909 was \$658,000,000, an advance of \$288,000,000, or 77.8 per cent, over the value in 1899, \$370,000,000. Wheat in 1909 occupied 9.3 per cent of the total improved farm land, and its value represented 12 per cent of the total for all crops. Details in regard to the production of wheat in 1909 and 1899 are given in Table 25, while a summary of averages and percentages, derived mainly from this table, is given in Table 24.

**Table 24**

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHELS PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of im- proved land.	1909	1899	1909	1899	1909	1899
United States....	100.0	9.3	15.4	12.5	\$0.96	\$0.56	\$14.86	\$7.03
New England.....	(1)	0.1	23.5	18.0	1.07	0.89	25.04	15.99
Middle Atlantic.....	3.6	5.5	18.6	14.9	1.07	0.68	19.81	10.16
East North Central.....	15.9	7.9	17.2	12.9	1.01	0.63	17.32	8.17
West North Central.....	58.4	15.7	14.8	12.2	0.95	0.52	14.07	3.35
South Atlantic.....	5.1	4.6	11.9	9.5	1.08	0.72	12.82	6.80
East South Central.....	3.0	3.0	11.7	9.0	1.03	0.65	12.05	5.80
West South Central.....	3.5	2.7	11.0	11.9	1.01	0.53	11.10	6.32
Mountain.....	2.9	8.1	23.1	19.2	0.87	0.48	20.17	9.24
Pacific.....	7.6	15.2	17.7	15.6	0.88	0.49	15.56	7.66
North Dakota.....	18.5	40.0	14.3	13.5	0.93	0.53	13.33	7.13
Kansas.....	13.5	20.0	13.0	10.2	0.95	0.49	12.40	5.63
Minnesota.....	7.4	16.7	17.4	14.5	0.98	0.53	17.09	7.71
South Dakota.....	7.3	20.3	14.6	10.5	0.91	0.50	13.33	5.26

<sup>1</sup> Less than one-tenth of 1 per cent.

Considerably more than one-half of the acreage in wheat in 1909 was found in the West North Central division. The East North Central division, which reported the next largest acreage, contained 15.9 per cent of the total, and the Pacific, which is third in rank, 7.6 per cent. The map on page 384 shows the distribution of the wheat acreage among the states.

Wheat occupies in the United States as a whole nearly 10 per cent of the improved land in farms, but in the West North Central and Pacific divisions the proportion exceeds 15 per cent. The proportion is insignificant in the New England division and is smaller in the southern than in the other northern divisions.

The leading state in wheat production is North Dakota, with an acreage exceeding 8,000,000 and greater than that of any geographic division except the West North Central, in which the state is situated. Kansas, with nearly 6,000,000 acres of wheat, and Minnesota and South Dakota, with over 3,000,000, follow. The four states named have nearly 21,000,000 acres in wheat, or over two-fifths of the wheat acreage of the United States.

Between 1899 and 1909 there was a gain of 778,000 acres, or 3.1 per cent, in the West North Central division and a gain about half as large in the Mountain division. In all other divisions the acreage decreased, the greatest absolute loss being that of over 3,000,000 acres in the East North Central division. Of the 48 states reporting wheat, 37 show a loss in acreage.

Among the four leading states already mentioned, North Dakota and Kansas show conspicuous gains in acreage, but South Dakota and Minnesota show decreases, the acreage in the latter having fallen off one-half.

The average yield of wheat in 1909 was 15.4 bushels per acre. Of the divisions with a large acreage, the West North Central had a slightly lower and the East North Central and Pacific a slightly higher yield per acre than the average for the United States. The three southern divisions fell considerably below that average. As compared with the yield of 12.5 bushels per acre in 1899, that of 1909 was considerably larger. With the exception of the West South Central division, larger yields were reported in all the divisions in 1909 than in 1899, and the same was true of each of the four leading wheat states listed in the table.

In the country as a whole the increased yield per acre was sufficient to counterbalance the decrease in acreage. In the West North Central and Mountain divisions, which gained in acreage, there was a still greater gain in production. In the other divisions, except the West South Central, the loss in production was not so great as in acreage. In the states of North Dakota and Kansas, the percentage of increase in production was greater than that in acreage. In South Dakota the increased yield per acre caused an increase in production, although the acreage was smaller, and in Minnesota the loss in production was less pronounced than that in acreage.

The average value of wheat per bushel in 1909 was \$0.96, but three divisions only, the West North Central, Mountain, and Pacific, reported an average value of less than \$1. This represents an enormous increase over the value in 1899, when the average for the United States was \$0.56 per bushel. The average value of the wheat crop per acre more than doubled between 1899 and 1909. In each division, except the New England, East South Central, and West South Central divisions, the increase in average value per bushel more than offset the loss in production and the total crop had a greater aggregate value in 1909 than in 1899. It may, however, be noted that 20 states show a falling off in the value of the wheat crop, the most notable decreases being in California, Texas, and Iowa.

In 1899 the per capita production of wheat was 8.7 bushels and in 1909, 7.4 bushels. This falling off in production per capita was counterbalanced largely by a decrease in the amount exported. Wheat imports are insignificant and may be disregarded. In the year ending June 30, 1900, there was exported in the form of wheat and flour the equivalent of 186,097,000 bushels, or 28.3 per cent of the crop of 1899. Ten years later the exports were only 87,364,000 bushels, or 12.8 per cent of the crop of 1909. For home consumption there remained of the crop of 1899, 472,437,000 bushels, or 6.2 bushels per capita, as compared with 596,015,000 bushels, or 6.5 bushels per capita, retained of the crop of 1909.



## FARM CROPS, BY STATES.

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## WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 25 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States.....	44,262,592	52,588,574	-8,325,982	-15.8	683,379,259	658,534,252	24,845,007	3.8	\$657,656,891	\$369,945,320	\$287,711,481	77.8
GEOGRAPHIC DIVISIONS:												
New England.....	4,893	9,237	-4,344	-47.0	114,998	166,125	-51,127	-30.8	122,532	147,742	-25,210	-17.1
Middle Atlantic.....	1,598,325	2,204,350	-606,025	-27.5	29,717,833	32,947,945	-3,230,112	-9.8	31,665,041	22,393,223	9,271,818	41.4
East North Central...	7,038,364	10,410,893	-3,372,529	-32.4	121,097,675	134,698,890	-13,601,215	-10.1	121,885,650	85,051,479	36,834,171	43.3
West North Central...	25,863,556	25,083,308	778,248	3.1	384,092,121	306,602,028	77,490,093	25.3	363,923,162	159,281,250	204,641,912	128.5
South Atlantic.....	2,241,345	3,368,872	-1,127,527	-33.5	26,630,768	31,902,857	-5,252,089	-16.5	28,725,004	22,903,064	5,821,940	25.4
East South Central...	1,315,243	2,987,483	-1,672,240	-56.0	15,374,422	26,854,542	-11,480,120	-42.7	15,851,025	17,339,440	-1,488,415	-8.6
West South Central...	1,556,087	2,934,687	-1,378,600	-47.0	17,096,127	35,046,935	-17,950,808	-51.2	17,278,603	18,547,056	-1,268,453	-6.8
Mountain.....	1,285,360	942,858	342,502	36.3	29,654,968	18,084,360	11,570,608	64.0	25,930,395	8,715,518	17,214,877	197.5
Pacific.....	3,350,419	4,644,886	-1,285,467	-27.7	59,580,347	72,230,570	-12,650,223	-17.5	52,275,389	35,565,648	16,709,741	47.0
NEW ENGLAND:												
Maine.....	3,407	6,667	-3,260	-48.9	85,119	116,720	-31,601	-27.1	91,554	107,396	-15,842	-14.8
New Hampshire.....	70	271	-201	-74.2	1,311	4,035	-2,724	-67.5	1,406	3,428	-2,022	-59.0
Vermont.....	678	1,796	-1,118	-62.2	14,087	34,650	-20,563	-59.3	14,279	29,078	-14,799	-50.9
Massachusetts.....	109	95	14	( <sup>1</sup> )	2,404	1,750	654	37.4	2,515	1,515	1,000	66.0
Rhode Island.....	13	15	-2	( <sup>1</sup> )	208	310	-102	-32.9	211	245	-34	-13.9
Connecticut.....	616	393	223	56.7	11,869	8,660	3,209	37.1	12,567	6,080	6,487	106.7
MIDDLE ATLANTIC:												
New York.....	289,130	557,736	-268,606	-48.2	6,664,121	10,412,675	-3,748,554	-36.0	7,175,523	7,332,697	-157,074	-2.1
New Jersey.....	83,637	132,571	-48,934	-36.9	1,489,233	1,902,590	-413,357	-21.7	1,568,880	1,347,650	221,230	16.4
Pennsylvania.....	1,225,558	1,514,043	-288,485	-19.1	21,564,479	20,632,680	931,799	4.5	22,920,638	13,712,976	9,207,662	67.1
EAST NORTH CENTRAL:												
Ohio.....	1,827,932	3,209,074	-1,381,142	-43.0	30,663,704	50,376,800	-19,713,096	-39.1	31,112,975	32,855,534	-1,742,559	-5.3
Indiana.....	2,082,835	2,893,293	-810,458	-28.0	33,935,972	34,986,280	-1,050,308	-3.0	33,593,141	22,228,916	11,364,225	51.1
Illinois.....	2,185,091	1,826,143	358,948	19.7	37,830,732	19,795,500	18,035,232	91.1	38,000,712	11,929,458	26,071,254	218.6
Michigan.....	802,137	1,925,769	-1,123,632	-58.3	16,025,791	20,535,140	-4,509,349	-22.0	16,586,868	12,921,925	3,664,943	28.4
Wisconsin.....	140,369	556,614	-416,245	-74.8	2,641,476	9,005,170	-6,363,694	-70.7	2,591,954	5,115,346	-2,523,392	-49.3
WEST NORTH CENTRAL:												
Minnesota.....	3,276,911	6,560,707	-3,283,796	-50.1	57,094,412	95,278,660	-38,184,248	-40.1	56,007,435	50,601,948	5,405,487	10.7
Iowa.....	526,777	1,689,705	-1,162,928	-68.8	8,055,944	22,769,440	-14,713,496	-64.6	7,703,205	11,457,808	-3,754,603	-32.8
Missouri.....	2,017,128	2,056,219	-39,091	-1.9	29,837,429	23,072,768	6,764,661	29.3	29,926,209	13,530,012	16,406,197	121.3
North Dakota.....	8,188,782	4,431,251	3,757,531	84.0	116,781,886	59,888,810	56,893,076	95.0	109,129,869	31,733,763	77,396,106	243.9
South Dakota.....	3,217,255	3,984,639	-767,404	-19.3	47,059,590	41,889,380	5,170,210	12.3	42,878,223	20,957,917	21,920,306	104.6
Nebraska.....	2,662,918	2,538,949	123,969	4.9	47,685,745	24,924,520	22,761,225	91.3	44,225,930	11,877,347	32,348,583	272.4
Kansas.....	5,973,785	3,803,818	2,169,967	57.0	77,577,115	38,778,450	38,798,665	100.1	74,032,291	19,132,455	54,919,836	287.0
SOUTH ATLANTIC:												
Delaware.....	111,215	118,740	-7,525	-6.3	1,643,572	1,870,570	-226,998	-12.1	1,697,639	1,247,055	450,484	36.1
Maryland.....	589,893	634,446	-44,553	-7.0	9,463,457	9,671,800	-208,343	-2.2	9,876,480	6,484,088	3,392,392	52.3
District of Columbia.....	17	17	0	0	410	410	0	0	349	349	0	0
Virginia.....	692,907	927,266	-234,359	-25.3	8,076,989	8,907,510	-830,521	-9.3	8,776,061	6,161,000	2,615,061	42.4
West Virginia.....	209,315	447,928	-238,613	-53.3	2,575,996	4,336,150	-1,760,154	-40.5	2,697,141	3,040,314	-343,173	-11.3
North Carolina.....	501,912	746,984	-245,072	-32.8	3,827,145	4,342,351	-515,206	-11.9	4,420,322	3,463,726	956,596	27.6
South Carolina.....	43,028	174,245	-131,217	-75.3	310,614	1,017,319	-706,705	-69.5	385,835	958,158	-572,323	-59.7
Georgia.....	93,065	319,161	-226,096	-70.8	752,858	1,765,947	-1,013,089	-57.4	871,494	1,547,773	-676,279	-43.7
Florida.....	10	85	-75	( <sup>1</sup> )	137	800	-663	-82.9	132	601	-469	-78.0
EAST SOUTH CENTRAL:												
Kentucky.....	681,323	1,431,027	-749,704	-52.4	8,739,260	14,264,500	-5,525,240	-38.7	8,812,469	8,923,760	-111,291	-1.2
Tennessee.....	619,861	1,426,112	-806,251	-56.5	6,516,539	11,924,010	-5,407,471	-45.3	6,913,335	7,882,097	-968,762	-12.3
Alabama.....	13,665	123,897	-110,232	-89.0	113,953	628,775	-514,822	-81.9	120,873	502,240	-381,367	-75.9
Mississippi.....	394	6,447	-6,053	-93.9	4,670	37,257	-32,587	-87.5	4,348	30,743	-26,395	-85.9
WEST SOUTH CENTRAL:												
Arkansas.....	60,426	379,453	-319,027	-84.1	526,414	2,449,970	-1,923,556	-78.5	532,712	1,383,916	-851,204	-61.5
Louisiana.....	65	214	-149	-69.6	488	2,345	-1,857	-79.2	508	1,888	-1,380	-73.1
Oklahoma.....	1,169,420	1,527,073	-357,653	-23.4	14,008,334	20,328,300	-6,319,966	-31.1	13,854,322	10,110,675	3,743,647	37.0
Texas.....	326,176	1,027,947	-701,771	-68.3	2,560,891	12,266,320	-9,705,429	-79.1	2,891,061	7,051,477	-4,160,416	-59.0
MOUNTAIN:												
Montana.....	258,377	92,132	166,245	180.4	6,251,945	1,899,683	4,352,262	229.1	5,329,389	1,077,210	4,252,179	394.7
Idaho.....	399,234	266,305	132,929	49.9	10,237,609	5,340,180	4,897,429	91.7	8,412,587	2,131,963	6,280,624	294.6
Wyoming.....	41,968	19,416	22,552	116.2	738,698	348,890	389,808	111.7	644,251	191,195	453,056	237.0
Colorado.....	340,729	294,949	45,780	15.5	7,224,057	5,587,770	1,636,287	29.3	6,463,926	2,809,370	3,654,556	130.1
New Mexico.....	32,341	37,907	-5,566	-14.7	499,799	603,303	-103,504	-17.2	508,726	390,616	118,110	30.2
Arizona.....	20,028	24,377	-4,349	-17.8	362,875	440,252	-77,377	-17.6	410,214	276,639	133,575	48.3
Utah.....	178,423	189,235	-10,812	-5.7	3,943,910	3,413,470	530,440	15.5	3,765,017	1,575,064	2,189,953	139.0
Nevada.....	14,260	18,537	-4,277	-23.1	396,075	450,812	-54,737	-12.1	396,285	263,471	132,814	50.4
PACIFIC:												
Washington.....	2,118,015	1,088,102	1,029,913	94.7	40,930,390	21,187,527	19,732,863	93.1	35,102,370	9,028,209	26,074,161	288.8
Oregon.....	763,187	873,379	-110,192	-12.6	12,456,751	14,508,636	-2,051,885	-14.1	10,849,036	6,358,395	4,490,641	70.6
California.....	478,217	2,683,405	-2,205,188	-82.2	6,203,206	36,534,407	-30,331,201	-83.0	6,323,983	20,179,044	-13,855,061	-68.7

<sup>1</sup> Per cent not calculated where base is less than 100.<sup>2</sup> Includes Indian Territory.



**Oats.**—The acreage of oats harvested in the United States increased from 29,540,000 in 1899 to 35,159,000 in 1909, or 19 per cent, while the production increased 6.8 per cent, from 943,000,000 bushels in 1899 to 1,007,000,000 bushels in 1909. The value of the crop, however, which was \$217,000,000 in 1899, was \$415,000,000 in 1909, or 91 per cent greater. The acreage of oats in 1909 was 7.3 per cent of the total improved farm acreage, and their value 7.6 per cent of the total for all crops. Detailed figures concerning the production of oats in 1909 and 1899 are given in Table 27, and a summary of the averages and percentages for the geographic divisions and leading states, derived mainly from this table, is presented in Table 26. The map on page 385 shows how the acreage of oats is distributed among the states.

Table 26

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHELS PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of im- proved land.	1909	1899	1909	1899	1909	1899
United States....	100.0	7.3	28.6	31.9	\$0.41	\$0.23	\$11.79	\$7.35
New England.....	0.6	3.1	32.9	35.9	0.55	0.35	18.04	12.72
Middle Atlantic.....	7.2	8.6	25.5	30.9	0.51	0.31	13.15	9.50
East North Central..	31.9	12.6	33.3	37.4	0.40	0.22	13.27	8.12
West North Central..	44.7	9.6	27.5	32.0	0.38	0.21	10.35	6.60
South Atlantic.....	3.9	2.8	15.5	11.7	0.63	0.39	9.78	4.53
East South Central..	2.5	2.0	13.4	11.1	0.56	0.35	7.51	3.88
West South Central..	3.6	2.2	21.4	25.8	0.47	0.23	10.00	5.83
Mountain.....	3.3	7.3	34.9	30.4	0.48	0.38	16.90	11.41
Pacific.....	2.3	3.6	35.3	31.4	0.48	0.33	16.91	10.23
Iowa.....	13.2	15.8	27.5	35.9	0.38	0.20	10.54	7.08
Illinois.....	11.9	14.9	36.0	39.5	0.40	0.21	14.29	8.09
Minnesota.....	8.5	15.2	31.5	33.6	0.36	0.21	11.43	7.19
Nebraska.....	6.7	9.7	22.6	30.1	0.36	0.20	8.22	5.89
Wisconsin.....	6.2	18.2	33.0	35.5	0.40	0.21	13.24	7.58
North Dakota.....	6.1	10.5	30.7	28.3	0.37	0.26	11.23	7.50

Of the total acreage of oats, 44.7 per cent was reported from the West North Central division and 31.9 per cent from the East North Central. In the latter, oats occupy about one-eighth, in the former somewhat less than one-tenth, of the improved land in farms. They are also a crop of some importance in the Middle Atlantic division, in which they occupy about one-twelfth of the improved land in farms.

The leading state in the acreage of oats in 1909 was Iowa, with 4,655,000 acres, closely followed by Illinois, with 4,176,000. Minnesota, Nebraska, Wisconsin, and North Dakota, ranking in the order named, also had each more than 2,000,000 acres in oats. These six leading states had together over 18,000,000 acres of oats in 1909, or more than one-half of the acreage for the whole country.

Comparing 1909 with 1899, the Middle Atlantic and West South Central divisions show an aggregate loss of 257,000 acres, but an aggregate gain of 5,876,000 acres was reported for the remaining divisions, or a net gain of 5,620,000, or 19 per cent, for the whole country. The greatest absolute gain—over 3,600,000 acres—was in the West North Central division, but larger relative increases occurred in the Mountain and Pacific divisions. Among the states, North Dakota shows an increase of over 1,300,000 acres. A gain of

more than 500,000 acres each is also reported for South Dakota, Minnesota, Ohio, and Indiana. Of the six states named above as leading in the acreage of oats, three—Iowa, Illinois, and Wisconsin—show decreases for the decade, while increases took place in the remainder.

The average yield in 1909 of 28.6 bushels per acre for the country as a whole was exceeded in the East North Central division, but was not attained by the West North Central division, nor by the Middle Atlantic division. Of the divisions where the acreage of oats is less important, the New England, Mountain, and Pacific divisions exceeded this average, while the remainder fell below it. For the United States as a whole the average yield per acre in 1909 was somewhat below that of 1899. This was true also of the three divisions with the largest acreage and of the New England and West South Central divisions, but in the other divisions the average yield in 1909 was greater than in 1899.

There was in the United States as a whole a somewhat larger crop of oats in 1909 than in 1899. Two divisions which lost in acreage had also a smaller production, while two others showed a diminished production in combination with an increase in acreage. Among the remaining divisions, the rate of increase in production was considerably less than that in acreage in the West North Central division, which produced over two-fifths of the entire crop, but in the divisions with a smaller production the crop increased more rapidly than the acreage. Among the several states, the largest gain in the production of oats was in North Dakota, where the crop of 1909 was nearly three times as great as that of 1899. A considerable gain was also made in Minnesota, but in the other states which have been noted as leading in acreage there was a diminished production, especially in Iowa, the first on the list as measured by acreage.

The average value per bushel of the oat crop was \$0.41 in 1909, as compared with \$0.23 in 1899, an advance of 78.3 per cent. As is frequently the case; the average values are somewhat higher in the divisions with relatively small production than in those with large production. All divisions, however, show a marked advance for 1909 as compared with 1899. By reason of the smaller yield per acre the value of the crop per acre did not increase in the same proportion as the average value per bushel. As a result of the increased acreage in the country as a whole, however, there was an increase in the aggregate value of the crop, amounting to 91 per cent. This increase is shared by all divisions, though, as already noted, some show a decrease in acreage and some a decrease in production. The effect of the change in value is particularly noticeable in the case of the state of Iowa, which leads in the acreage of oats. In the 10 years the acreage in that state remained practically stationary, the production fell off nearly one-fourth, but the value of the crop increased nearly one-half.



## FARM CROPS, BY STATES.

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OATS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 27 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Perct.
United States.....	35,159,441	29,539,698	5,619,743	19.0	1,007,142,980	943,389,375	63,753,605	6.8	\$414,497,422	\$217,098,584	\$197,598,838	91.0
GEOGRAPHIC DIVISIONS:												
New England.....	223,221	212,737	10,484	4.9	7,350,601	7,643,175	-292,574	-3.8	4,027,338	2,705,249	1,322,089	48.9
Middle Atlantic.....	2,518,886	2,579,559	-60,673	-2.4	64,344,715	79,630,320	-15,285,605	-19.2	33,111,736	24,515,326	8,596,410	35.1
East North Central.....	11,225,445	10,087,121	1,138,324	11.3	373,803,573	377,300,555	-3,496,982	-0.9	149,004,329	81,881,022	67,123,307	82.0
West North Central.....	15,710,495	12,109,758	3,600,737	29.7	432,660,477	386,978,611	45,681,866	11.8	162,647,073	79,970,336	82,676,737	103.4
South Atlantic.....	1,368,832	1,268,061	100,771	7.9	21,206,000	14,874,888	6,331,112	42.6	13,388,578	5,869,687	7,518,891	128.1
East South Central.....	870,762	855,842	14,920	1.7	11,646,687	9,480,025	2,166,662	22.9	6,535,286	3,317,183	3,218,103	97.0
West South Central.....	1,276,534	1,472,449	-195,915	-13.3	27,273,695	37,927,478	-10,653,783	-28.1	12,764,241	8,590,119	4,174,122	48.6
Mountain.....	1,164,204	412,190	752,014	182.4	40,604,255	12,519,633	28,084,622	224.3	19,673,773	4,704,766	14,969,007	318.2
Pacific.....	801,062	541,981	259,081	47.8	28,252,977	17,034,670	11,218,307	65.9	13,545,068	5,544,894	8,000,174	144.3
NEW ENGLAND:												
Maine.....	120,991	108,661	12,330	11.3	4,232,309	3,799,435	432,874	11.4	2,293,947	1,374,573	919,374	66.9
New Hampshire.....	10,860	12,589	-1,729	-13.7	386,419	497,110	-110,691	-22.3	216,938	184,025	32,913	17.9
Vermont.....	71,510	73,372	-1,862	-2.5	2,141,357	2,742,146	-600,783	-21.9	1,169,223	941,711	227,512	24.2
Massachusetts.....	7,927	6,702	1,225	18.3	268,500	240,900	27,600	11.4	157,381	84,850	72,531	85.5
Rhode Island.....	1,726	1,530	196	12.8	48,212	47,120	1,092	2.3	28,661	16,631	12,030	72.3
Connecticut.....	10,207	9,883	324	3.3	273,804	316,380	-42,576	-13.5	161,188	103,459	57,729	55.8
MIDDLE ATLANTIC:												
New York.....	1,302,508	1,329,753	-27,245	-2.0	34,795,277	40,785,900	-5,990,623	-14.7	17,977,155	12,929,092	5,048,063	39.0
New Jersey.....	72,130	75,959	-3,829	-5.0	1,376,732	1,601,610	-224,878	-14.0	712,609	492,341	220,268	44.7
Pennsylvania.....	1,144,248	1,173,847	-29,599	-2.5	28,172,686	37,242,810	-9,070,124	-24.4	14,421,972	11,063,893	3,358,079	30.0
EAST NORTH CENTRAL:												
Ohio.....	1,787,496	1,115,149	672,347	60.3	57,591,046	42,050,910	15,540,136	37.0	23,212,352	10,236,251	12,976,101	126.8
Indiana.....	1,667,818	1,017,385	650,433	63.9	50,607,913	34,565,070	16,042,843	46.4	18,928,706	7,458,082	11,470,624	153.8
Illinois.....	4,176,485	4,570,034	-393,549	-8.6	150,386,074	180,305,630	-29,919,556	-16.6	59,693,819	36,990,019	22,703,800	61.4
Michigan.....	1,429,076	1,019,438	409,638	40.2	43,869,502	36,338,145	7,531,357	20.7	18,506,195	9,264,385	9,241,810	99.8
Wisconsin.....	2,164,570	2,365,115	-200,545	-8.5	71,349,038	84,040,800	-12,691,762	-15.1	28,663,257	17,931,685	10,731,572	59.8
WEST NORTH CENTRAL:												
Minnesota.....	2,977,258	2,201,325	775,933	35.2	93,897,717	74,054,150	19,843,567	26.8	34,023,389	15,829,804	18,193,585	114.9
Iowa.....	4,655,154	4,695,391	-40,237	-0.9	128,198,055	168,364,170	-40,166,115	-23.9	49,046,888	33,254,987	15,791,901	47.5
Missouri.....	1,073,325	916,178	157,147	17.2	24,828,501	20,545,350	4,283,151	20.8	10,253,990	4,669,185	5,584,805	119.6
North Dakota.....	2,147,032	780,517	1,366,515	175.1	65,886,702	22,125,331	43,761,371	197.8	24,114,345	5,832,615	18,281,730	312.0
South Dakota.....	1,558,643	691,167	867,476	125.5	43,565,676	19,412,490	24,153,186	124.4	16,044,785	4,114,456	11,930,329	290.0
Nebraska.....	2,365,774	1,924,827	440,947	22.9	53,360,185	58,007,140	-4,646,955	-8.0	19,443,570	11,333,393	8,110,177	71.6
Kansas.....	933,309	900,353	32,956	3.7	22,923,641	24,469,980	-1,546,339	-6.3	9,720,106	4,915,896	4,804,210	97.7
SOUTH ATLANTIC:												
Delaware.....	4,226	5,247	-1,021	-19.5	98,239	131,960	-33,721	-25.6	51,022	43,337	7,685	17.7
Maryland.....	49,210	44,625	4,585	10.3	1,160,663	1,109,560	51,103	4.6	584,395	340,475	243,920	71.6
District of Columbia.....	13	42	-29	(1)	375	620	-245	-39.5	165	206	-41	-19.9
Virginia.....	204,455	275,394	-70,939	-25.8	2,884,495	3,269,430	-384,935	-11.8	1,609,973	1,103,616	506,357	45.9
West Virginia.....	103,758	99,433	4,325	4.3	1,728,806	1,833,840	-105,034	-5.7	912,388	637,176	275,212	43.2
North Carolina.....	228,120	270,876	-42,756	-15.8	2,782,508	2,454,768	327,740	13.4	1,741,561	991,516	750,045	75.6
South Carolina.....	324,180	222,544	101,636	45.7	5,745,291	2,661,670	3,083,621	115.9	3,809,345	1,226,575	2,582,770	210.6
Georgia.....	411,664	318,433	93,231	29.3	6,199,243	3,115,610	3,083,633	99.0	4,236,625	1,383,758	2,852,867	206.2
Florida.....	43,206	31,467	11,739	37.3	606,380	297,430	308,950	103.9	443,104	143,028	300,076	209.8
EAST SOUTH CENTRAL:												
Kentucky.....	174,315	316,590	-142,275	-44.9	2,406,054	4,009,830	-1,603,776	-40.0	1,216,187	1,247,928	-31,741	-2.5
Tennessee.....	342,086	235,313	106,773	45.4	4,720,692	2,725,330	1,995,362	73.2	2,378,464	887,940	1,490,524	167.9
Alabama.....	257,276	216,873	40,403	18.6	3,251,146	1,882,060	1,369,086	72.7	2,117,703	797,684	1,320,019	165.5
Mississippi.....	97,085	87,066	10,019	11.5	1,268,785	862,805	405,980	47.1	822,932	383,633	439,299	114.5
WEST SOUTH CENTRAL:												
Arkansas.....	197,449	280,115	-82,666	-29.5	3,212,891	3,909,000	-696,109	-17.8	1,641,752	1,263,101	378,651	30.0
Louisiana.....	29,711	28,033	1,678	6.0	420,033	316,070	103,963	32.9	250,588	117,312	133,276	113.6
Oklahoma.....	609,373	317,076	292,297	92.2	16,606,154	9,511,740	7,094,414	74.6	7,172,267	1,968,915	5,203,352	264.3
Texas.....	440,001	847,225	-407,224	-48.1	7,034,617	24,190,668	-17,156,051	-70.9	3,699,634	5,240,791	-1,541,157	-29.4
MOUNTAIN:												
Montana.....	333,195	133,938	199,257	148.8	13,805,735	4,746,231	9,059,504	190.9	6,148,021	1,790,938	4,357,083	243.3
Idaho.....	302,783	64,739	238,044	367.7	11,328,106	1,956,498	9,371,608	479.0	5,067,051	702,955	4,364,096	620.8
Wyoming.....	124,035	26,892	97,143	361.2	3,361,425	763,370	2,598,055	340.3	1,828,711	292,630	1,536,081	524.9
Colorado.....	275,948	120,952	154,996	128.1	7,642,855	3,080,130	4,562,725	148.1	4,177,267	1,121,745	3,055,522	272.4
New Mexico.....	33,707	15,848	17,859	112.7	720,560	342,777	377,783	110.2	459,306	154,347	304,959	197.6
Arizona.....	5,867	1,641	4,226	257.5	189,312	43,246	146,066	337.7	130,384	21,144	109,240	516.6
Utah.....	80,816	43,394	37,422	86.2	3,221,289	1,436,225	1,785,064	124.3	1,671,065	553,847	1,117,218	201.7
Nevada.....	7,853	4,786	3,067	64.1	334,973	151,176	183,797	121.6	191,968	67,160	124,808	185.8
PACIFIC:												
Washington.....	269,742	126,841	142,901	112.7	13,228,003	5,336,486	7,891,517	147.9	5,870,857	1,765,547	4,105,310	232.5
Oregon.....	339,162	261,406	77,756	29.7	10,881,286	6,725,828	4,155,458	61.8	5,037,164	2,078,950	2,958,214	142.3
California.....	192,158	153,734	38,424	25.0	4,143,688	4,972,356	-828,668	-16.7	2,637,047	1,700,397	936,650	55.1

¹ Per cent not calculated where base is less than 100.

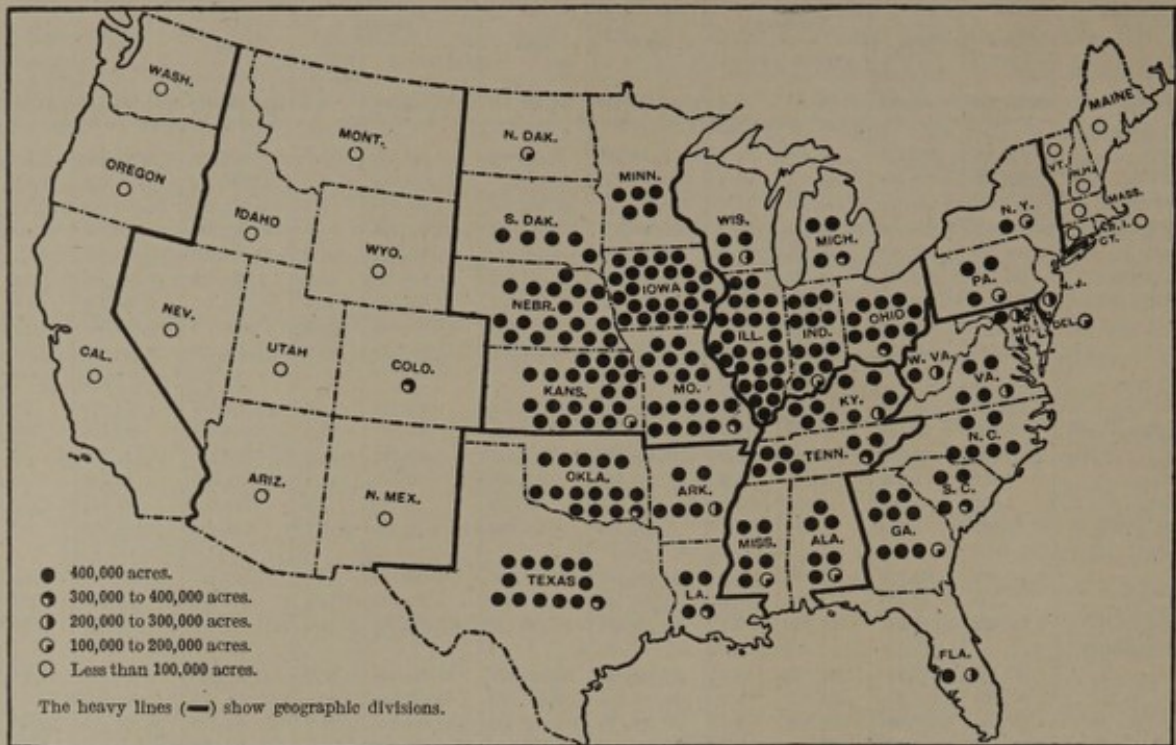
² Includes Indian Territory.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

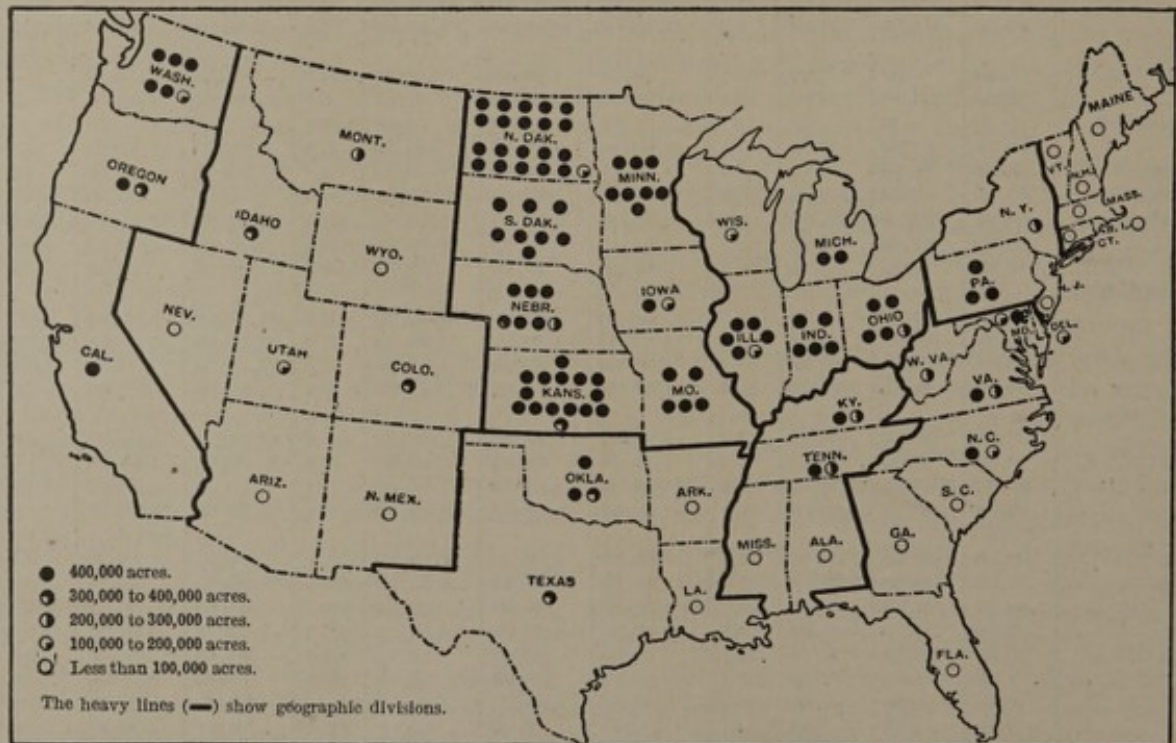
## CORN.

ACREAGE, BY STATES: 1909.



## WHEAT.

ACREAGE, BY STATES: 1909.



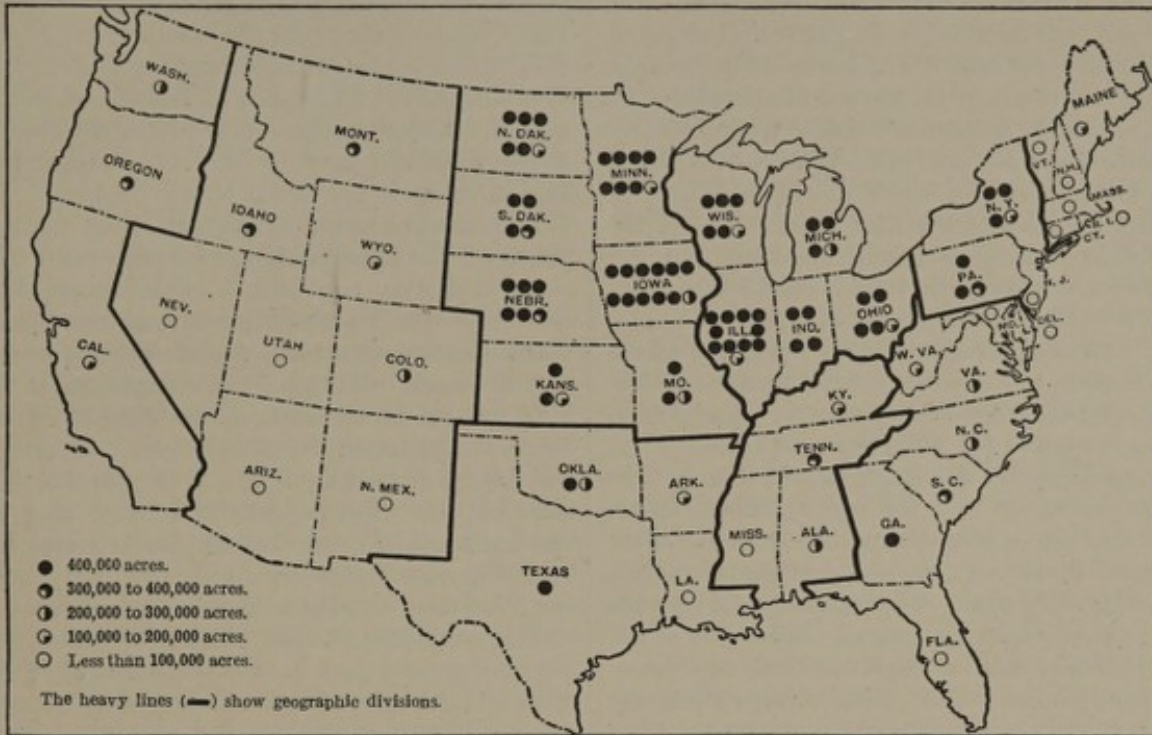


# FARM CROPS, BY STATES.

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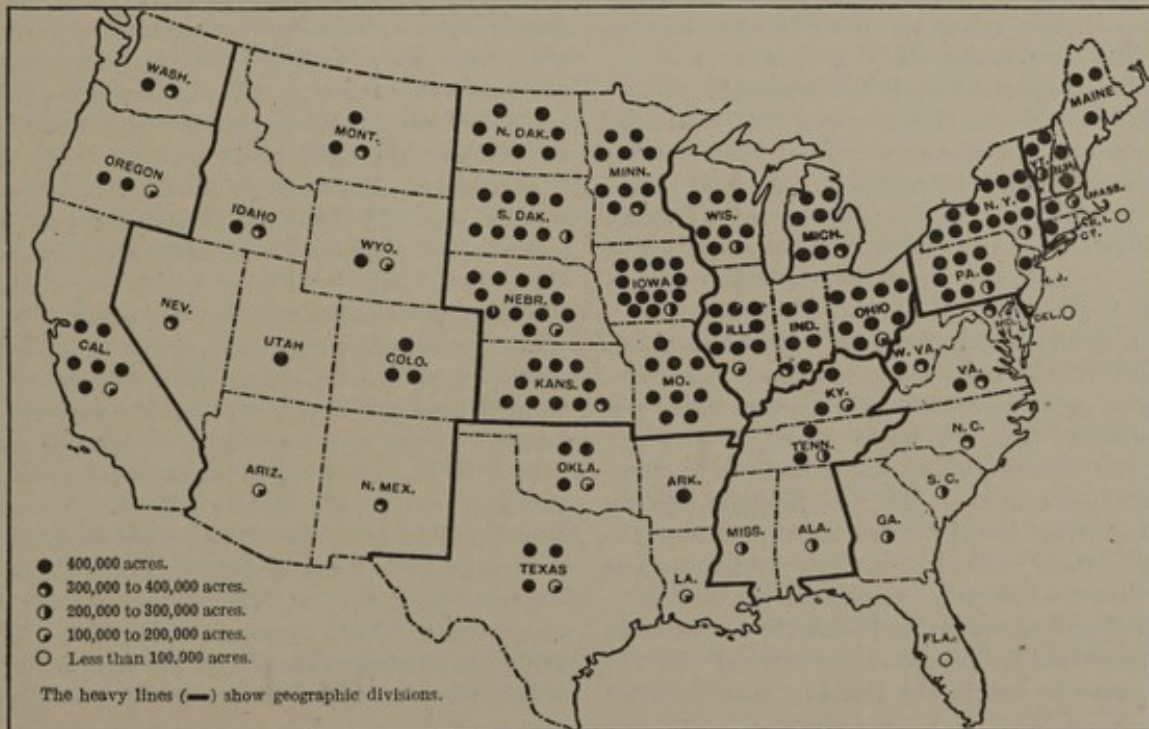
## OATS.

ACREAGE, BY STATES: 1909.



## HAY AND FORAGE.

ACREAGE, BY STATES: 1909.





**Minor cereals.**—The minor cereals occupy only 7.1 per cent of the entire acreage devoted to cereals in the United States. Statistics are given for each in Tables 28 to 33.

**Barley.**—Of the minor cereals, barley (Table 28), which occupies 4 per cent of the entire cereal acreage of the United States, is by far the most important. Of the aggregate barley acreage of 7,698,706, considerably more than one-half was found in the West North Central division. Other divisions where this is an important crop are the Pacific and the East North Central, the three divisions named containing together 94.1 per cent of the total acreage in 1909. Four states, Minnesota, North Dakota, California, and South Dakota, ranking in the order named, have an acreage in excess of 1,000,000 each, and together contain more than two-thirds of the total for the whole country. Large acreages are also reported for Wisconsin and Iowa.

The acreage in barley was larger in 1909 than in 1899 by 3,228,510 acres, or 72.2 per cent. Almost three-fourths of this increase was reported from the West North Central division, where the acreage more than doubled during the period. The percentage of increase in the Mountain division was greater than in any other. Only in divisions of small acreage was there a decrease. In the three divisions which led in acreage there was an increase in the acreage of every state except Ohio and Iowa.

The crop of 1909, 173,000,000 bushels, exceeded that of 1899, 120,000,000 bushels, by 44.9 per cent, the average yield per acre being 22.5 bushels in 1909 and 26.8 bushels in 1899. The increase in production in 1909 over 1899 for the country as a whole was therefore somewhat less relatively than the increase in acreage. The same statement is true for each of the divisions which are prominent in the production of barley, but in some of the less important divisions the increase in production was greater than that in acreage. Divisions with a decreased acreage had also a decreased production. In the three divisions which led in production all the states, with the exception of Ohio, Iowa, Indiana, and Nebraska, show increases in production.

The value of the crop in 1909, \$92,459,000 (equal to 1.7 per cent of the total value of crops) was more than twice as great as in 1899, the average value per bushel increasing from 35 to 53 cents, or 51.4 per cent, and the average value per acre from \$9.31 to \$12.01, or 29 per cent. In the New England, Middle Atlantic, and West South Central divisions there was a decrease in total value, but it was considerably less relatively than that in either acreage or production.

**Rye.**—Judged by acreage, rye (Table 29) is somewhat less than one-third as important as barley. Of the 2,195,561 acres in rye in the United States in 1909

about three-fourths were located east of the Mississippi River. The leading division in acreage is the East North Central, the Middle Atlantic ranking next. There is, however, almost no difference in the acreage of the West North Central and the Middle Atlantic divisions. The leading states in the acreage of rye are Michigan, Wisconsin, Pennsylvania, and Minnesota, in the order named. Together these four states reported in 1909 nearly 1,300,000 acres, or more than one-half of the area devoted to rye in the United States.

The increase in the acreage of rye in 1909 as compared with 1899 amounted to 6.9 per cent. Five divisions, including two with a considerable acreage of this crop—the Middle Atlantic and the West North Central—show decreases, while increases occurred in four divisions. The gain was conspicuous in the principal rye producing section, the East North Central, where it amounted to 43.2 per cent. A much larger percentage of increase is shown for the Mountain division, but the absolute gain in acreage was less than one-tenth as large. Of the four leading states, Michigan and Minnesota more than doubled their rye acreage, but Wisconsin and Pennsylvania both show a decrease.

The production in 1909, 29,520,000 bushels, was 15.5 per cent greater than in 1899, indicating, in connection with the increase of only 6.9 per cent in acreage, a greater yield per acre for the crop as a whole (13.4 bushels in 1909 and 12.4 in 1899). The divisions which lost in acreage had also, with the exception of the West North Central division, a smaller production.

The value of the rye crop in 1909, \$20,422,000, represented 0.4 per cent of the total value of crops. It was nearly two-thirds greater than in 1899. While five divisions had a diminished acreage and four a decreased production, there were only two in which the value of the crop was smaller in 1909 than in 1899. The average value per bushel increased from 48 to 69 cents, and the average value per acre from \$5.98 to \$9.30.

**Buckwheat.**—Buckwheat (Table 30) has a much smaller area of cultivation than the cereals thus far considered. There were 878,000 acres harvested in the United States in 1909, of which the region east of the Mississippi contained 96.9 per cent. The Middle Atlantic states had about two-thirds of the total acreage reported for buckwheat, this being almost equally divided between New York and Pennsylvania. The increase in the area harvested in 1909 as compared with 1899 was over 70,000 acres, more than one-half of which was in the Middle Atlantic division. The New England and West North Central divisions lost in acreage but all others gained, the most significant increase being that in the South Atlantic division, amounting to 29,322 acres, or 52.8 per cent. Pennsylvania shows an increase of 17.2 per cent in the acreage of buckwheat and New York a decrease of 1.2 per cent.



The production of 1909 amounted to 14,849,000 bushels, which was 32.2 per cent more than that of 1899. The increase in production was relatively greater than that in acreage, and New England was the only division reporting a smaller production in 1909 than in 1899. Measured by production, New York appears as the leading state, showing a gain of 49.2 per cent in this respect, despite a slight loss in acreage.

The crop of 1909, valued at \$9,331,000, was nearly two-thirds greater in value than that of 1899. In 1909 the average yield per acre was 16.9 bushels; the average value per bushel, 63 cents; and the average value per acre, \$10.63.

*Emmer and spelt.*—Emmer and spelt (Table 31) are old grains known to the ancient world and still in use as a food crop in parts of Europe and Asia. Nearly all the "emmer and spelt" reported is emmer, spelt being cultivated in only a few scattered localities. These grains are, botanically, species of wheat, but commercially they are more closely related to the other cereals, since they are used as food for stock. Moreover, the price per bushel of emmer and spelt corresponds much more nearly to that of corn or oats than to that of wheat. No regular statistics of these crops were gathered in 1900.

Emmer and spelt are considered good crops for dry farming, and like kafir corn have been introduced principally in the districts of comparatively light rainfall, though on account of the heavy yield and the value of the grains as feed for stock, they are sown in parts of the grain region in which corn is not an established crop.

The area of emmer and spelt harvested in 1909 was 573,622 acres, the production 12,703,000 bushels, and the value \$5,584,000. The average production per acre was thus 22.1 bushels; the average value per bushel, 44 cents; and the average value per acre, \$9.73.

Of the total acreage, the West North Central division reported 522,487 acres, or 91.1 per cent; the Mountain, 18,644; the East North Central, 14,941; and the West South Central, 13,295. Of the total production in 1909, 11,673,000 bushels, or 91.9 per cent, were reported from the West North Central division; 407,000 bushels from the Mountain division; and 372,000 bushels from the East North Central division.

The state having the largest acreage in 1909 was South Dakota, with 259,611 acres, or 45.3 per cent of the total area harvested, while North Dakota came next with 101,144 acres, or 17.6 per cent of the total—the combined acreage for the two Dakotas representing over three-fifths of the total area in this crop. The states ranking next in acreage were Nebraska, Kansas, Minnesota, and Colorado.

*Kafir corn and milo maize.*—Statistics for kafir corn and milo maize (Table 32) were first obtained by the

Census Bureau in 1900. The acreage in 1899 was about one-third as great as that of buckwheat, but in 1909 it was almost twice as large. Kafir corn and milo maize are cereals belonging to the millet family. They are grown extensively in Africa and somewhat in Asia, the grain being used for food. In this country they have made great headway as dry-farming crops and are being introduced more generally in sections of light rainfall. The grains are here used primarily for feeding live stock, although to a limited extent they are ground for flour. Aside from the use made of the grain, the stalks, if cut before they are entirely ripe, make a valuable fodder.

Of the 1,635,153 acres in kafir corn and milo maize in 1909, over 1,000,000 acres were in the two states of Texas and Oklahoma and nearly 400,000 acres in Kansas. The only other considerable acreages were in New Mexico and California.

The acreage harvested was more than six times as great in 1909 as in 1899. In 1899 over one-half the crop was harvested in the state of Kansas, but the recent extension of the cultivation of these cereals in Texas and Oklahoma has placed those states at the head of the list.

The production increased from 5,169,000 bushels in 1899 to 17,597,000 bushels in 1909. The rate of increase was only half as rapid as that in acreage, the yield per acre, which was 19.4 bushels in 1899, being only 10.8 bushels in 1909. The decrease in yield per acre is due mainly to the fact that the crops are becoming popular in regions of comparatively light rainfall where the yield is normally small. In 1909 the average value per bushel was 61 cents and the average value per acre \$6.62.

*Rice.*—The area devoted to the cultivation of rice (Table 33) in 1909 was 610,175 acres, located almost exclusively in the West South Central division. Louisiana, with 317,518 acres, and Texas, with 237,586 acres, far exceed any other state or any other division in acreage. A small acreage only is reported for the East South Central division, and 27,080 acres for the South Atlantic division.

During the decade the area devoted to rice cultivation increased 267,961 acres, or 78.3 per cent. There was a great loss in acreage in the South Atlantic division, but this was much more than counterbalanced by the great gain in the West South Central division, the principal rice producing area.

The production of rough rice in 1909 was 21,839,000 bushels, and the value \$16,020,000. The increase in both production and value between 1899 and 1909 was more rapid than that in acreage, and shows about the same distribution as respects the two producing areas, the South Atlantic and the West South Central divisions.



## BARLEY—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 28 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	7,638,706	4,470,196	3,228,510	72.2	173,344,212	119,634,877	53,709,335	44.9	\$92,458,571	\$41,631,762	\$50,826,809	122.1
GEOGRAPHIC DIVISIONS:												
New England.....	16,242	23,554	-7,312	-31.0	428,617	704,957	-276,340	-39.2	342,059	364,226	-21,567	-5.9
Middle Atlantic.....	87,733	121,577	-33,844	-27.8	2,062,189	3,145,218	-1,083,029	-34.4	1,414,366	1,493,648	-79,282	-5.3
East North Central.....	1,007,102	665,678	341,424	51.3	26,705,278	21,865,348	4,839,930	22.1	15,240,518	8,138,220	7,082,298	86.8
West North Central.....	4,762,928	2,305,281	2,457,647	106.6	98,997,430	59,695,149	39,302,281	65.8	47,400,962	17,503,097	29,897,865	170.8
South Atlantic.....	15,561	5,717	9,844	172.2	409,615	109,559	300,056	273.9	276,981	53,245	223,736	420.2
East South Central.....	5,388	2,848	2,540	89.2	119,922	42,138	77,784	184.6	79,171	21,215	57,956	273.2
West South Central.....	14,253	21,334	-7,081	-33.2	181,346	433,625	-252,279	-58.2	107,835	115,856	-8,021	-6.9
Mountain.....	313,696	111,887	201,719	180.3	9,785,511	3,333,342	6,452,169	193.6	5,566,331	1,401,107	4,165,224	297.3
Pacific.....	1,475,893	1,212,320	263,573	21.7	34,654,304	30,305,541	4,348,763	14.3	22,029,748	12,521,148	9,508,600	75.9
NEW ENGLAND:												
Maine.....	4,136	8,809	-4,673	-53.0	106,674	252,850	-146,176	-57.8	86,290	137,448	-51,218	-37.3
New Hampshire.....	848	1,596	-748	-46.9	20,764	46,680	-25,916	-55.5	17,292	25,189	-7,897	-31.4
Vermont.....	10,586	12,152	-1,566	-12.9	285,008	380,940	-95,932	-25.2	225,803	187,004	38,799	20.7
Massachusetts.....	349	638	-289	-45.3	9,021	14,987	-5,966	-39.8	7,177	9,264	-2,087	-22.5
Rhode Island.....	182	222	-40	-18.0	4,676	6,100	-1,424	-23.3	4,126	3,465	661	19.1
Connecticut.....	141	137	4	2.9	2,474	3,400	-926	-27.2	2,031	1,856	175	9.4
MIDDLE ATLANTIC:												
New York.....	79,956	111,658	-31,702	-28.4	1,922,868	2,943,250	-1,020,382	-34.7	1,316,117	1,402,184	-86,067	-6.1
New Jersey.....	152	336	-184	-54.8	3,082	4,790	-1,708	-35.7	1,967	2,301	-334	-14.5
Pennsylvania.....	7,625	9,583	-1,958	-20.4	136,239	197,178	-60,939	-30.9	96,282	89,163	7,119	8.0
EAST NORTH CENTRAL:												
Ohio.....	24,075	34,058	-9,983	-29.3	569,279	1,053,240	-483,961	-46.0	311,741	402,977	-91,236	-22.6
Indiana.....	10,188	9,533	655	6.9	234,298	260,550	-26,252	-10.1	133,591	100,480	33,111	33.0
Illinois.....	63,325	21,375	41,950	196.3	1,613,559	686,580	926,979	135.0	880,706	242,834	637,872	262.7
Michigan.....	93,065	44,965	48,100	107.0	2,132,101	1,165,288	966,813	83.0	1,232,344	494,994	737,350	149.0
Wisconsin.....	816,449	555,747	260,702	46.9	22,156,041	18,699,690	3,456,351	18.5	12,682,136	6,916,935	5,765,201	83.3
WEST NORTH CENTRAL:												
Minnesota.....	1,573,761	877,845	695,916	79.3	34,927,773	24,314,240	10,613,533	43.6	17,213,817	7,220,739	9,993,078	138.4
Iowa.....	571,224	627,851	-56,627	-9.0	10,964,184	18,059,060	-7,094,876	-39.3	5,320,708	5,342,363	-21,655	-0.4
Missouri.....	7,915	1,727	6,188	358.3	134,253	28,969	105,284	363.4	80,245	11,232	69,013	614.4
North Dakota.....	1,215,811	287,092	928,719	323.5	26,365,758	6,752,060	19,613,698	290.5	11,962,036	1,996,082	9,965,954	499.3
South Dakota.....	1,114,531	299,510	815,021	272.1	22,396,130	7,031,760	15,364,370	218.5	10,873,522	2,003,540	8,869,982	442.7
Nebraska.....	113,571	92,098	21,473	23.3	1,987,516	2,034,910	-47,394	-2.3	870,846	545,432	325,414	59.7
Kansas.....	166,115	119,158	46,957	39.4	2,221,816	1,474,150	747,666	50.7	1,079,788	383,709	696,079	181.4
SOUTH ATLANTIC:												
Delaware.....	31	3	28	(1)	422	40	382	(1)	288	30	258	(1)
Maryland.....	4,494	1,515	2,979	196.6	135,454	42,560	92,894	218.3	79,231	18,776	60,455	322.0
District of Columbia.....												
Virginia.....	9,890	2,768	7,122	257.3	253,649	53,346	200,303	375.5	179,712	25,007	154,705	618.6
West Virginia.....	408	253	155	61.3	8,407	3,660	4,747	129.7	5,640	1,832	3,808	207.9
North Carolina.....	504	475	29	6.1	7,535	4,237	3,298	77.8	6,863	2,335	4,528	193.9
South Carolina.....	189	281	-92	-32.7	3,483	3,106	377	12.1	4,297	2,899	1,398	48.2
Georgia.....	44	395	-351	-88.9	655	2,290	-1,635	-71.4	942	2,048	-1,106	-54.0
Florida.....	1	27	-26	(1)	10	320	-310	-96.9	8	318	-310	-97.5
EAST SOUTH CENTRAL:												
Kentucky.....	2,738	963	1,785	187.3	65,596	17,772	47,824	269.1	42,929	8,157	34,772	426.3
Tennessee.....	2,567	1,590	977	61.4	53,201	21,636	31,565	145.9	35,363	11,273	24,090	213.7
Alabama.....	41	273	-232	-85.0	372	2,400	-2,028	-84.5	336	1,582	-1,246	-78.8
Mississippi.....	42	32	10	(1)	753	330	423	128.2	543	203	340	167.5
WEST SOUTH CENTRAL:												
Arkansas.....	82	304	-222	-73.0	1,267	2,809	-1,542	-54.9	1,136	1,278	-142	-11.1
Louisiana.....		16	-16			110	-110			61	-61	
Oklahoma.....	10,283	* 16,634	-6,351	-38.2	127,641	* 350,340	-222,699	-63.6	75,059	* 81,163	-6,104	-7.5
Texas.....	3,888	4,380	-492	-11.2	52,438	80,366	-27,928	-34.8	31,640	33,354	-1,714	-5.1
MOUNTAIN:												
Montana.....	27,242	22,848	4,394	19.2	753,268	844,140	-90,872	-10.8	478,811	341,308	137,503	40.3
Idaho.....	132,412	32,798	99,614	303.7	4,598,292	969,214	3,629,078	374.4	2,322,705	312,730	2,009,975	642.7
Wyoming.....	8,561	1,225	7,336	598.9	189,057	29,690	159,367	536.7	130,392	15,375	115,017	748.0
Colorado.....	71,411	21,949	49,462	225.3	1,889,342	531,240	1,358,102	255.6	1,100,753	246,510	854,243	346.5
New Mexico.....	2,131	1,110	1,021	92.0	43,490	24,107	19,383	80.4	35,026	12,475	22,551	185.6
Arizona.....	32,897	16,270	16,627	102.2	1,008,442	458,776	549,666	119.8	714,834	223,985	490,849	219.1
Utah.....	26,752	8,644	18,108	209.5	891,471	252,140	639,331	253.6	472,816	121,826	350,990	288.1
Nevada.....	12,200	7,043	5,157	73.2	412,149	224,035	188,114	84.0	310,394	126,898	183,496	144.6
PACIFIC:												
Washington.....	171,888	122,298	49,590	40.6	5,834,615	3,641,056	2,193,559	60.2	3,331,930	1,268,480	2,063,450	162.7
Oregon.....	108,847	60,375	48,472	80.3	2,377,735	1,515,150	862,585	56.9	1,513,310	606,945	906,365	149.3
California.....	1,195,158	1,029,647	165,511	16.1	26,441,954	25,149,335	1,292,619	5.1	17,184,508	10,645,723	6,538,785	61.4

\* Per cent not calculated where base is less than 100.

\* Includes Indian Territory.



## FARM CROPS, BY STATES.

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## RYE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 29 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States.....	2,195,561	2,054,292	141,269	6.9	29,520,457	25,568,625	3,951,832	15.5	\$20,421,812	\$12,290,540	\$8,131,272	66.2
GEOGRAPHIC DIVISIONS:												
New England.....	13,221	18,655	-5,434	-29.1	230,458	317,964	-87,506	-27.5	206,852	178,971	27,881	15.6
Middle Atlantic.....	472,132	556,431	-84,299	-15.1	6,458,475	7,207,830	-749,355	-10.4	4,959,172	3,906,606	1,052,566	26.9
East North Central.....	968,558	676,303	292,255	43.2	13,443,196	9,199,566	4,243,630	46.1	9,011,568	4,381,609	4,629,959	105.7
West North Central.....	470,582	556,406	-85,824	-15.4	6,907,788	6,798,638	109,150	1.6	4,216,576	2,700,264	1,516,312	56.2
South Atlantic.....	157,546	114,319	43,227	37.8	1,322,474	862,549	459,925	53.3	1,106,617	493,519	613,098	124.2
East South Central.....	50,091	35,985	14,106	39.2	400,709	275,363	125,346	45.5	337,152	166,526	170,626	102.5
West South Central.....	5,926	10,582	-4,656	-44.0	49,137	194,627	-55,490	-53.0	41,165	56,281	-15,116	-26.9
Mountain.....	32,115	9,519	22,596	237.4	439,767	123,458	316,309	256.2	300,134	64,659	235,475	364.2
Pacific.....	25,390	76,092	-50,702	-66.6	208,403	678,630	-470,227	-69.4	242,576	342,105	-99,529	-29.1
NEW ENGLAND:												
Maine.....	292	611	-319	-52.2	4,815	9,290	-4,475	-48.2	4,388	6,126	-1,738	-28.4
New Hampshire.....	260	350	-90	-25.7	4,534	5,320	-786	-14.8	4,680	3,529	1,151	32.6
Vermont.....	1,115	2,264	-1,149	-50.8	16,689	31,950	-15,261	-47.8	14,533	18,012	-3,479	-19.3
Massachusetts.....	3,476	4,557	-1,081	-23.7	59,183	60,294	-1,111	-1.8	52,396	34,291	18,105	52.8
Rhode Island.....	477	591	-114	-19.3	7,545	7,710	-165	-2.1	7,007	4,751	2,256	47.5
Connecticut.....	7,601	10,282	-2,681	-26.1	137,692	203,400	-65,708	-32.3	123,848	112,262	11,586	10.3
MIDDLE ATLANTIC:												
New York.....	130,540	177,416	-46,876	-26.4	2,010,601	2,431,670	-421,069	-17.3	1,578,408	1,393,313	185,095	13.3
New Jersey.....	69,032	68,967	65	0.1	951,271	831,410	119,861	14.4	707,250	442,446	264,804	59.9
Pennsylvania.....	272,560	310,048	-37,488	-12.1	3,496,603	3,944,730	-448,127	-11.4	2,673,514	2,070,847	602,667	29.1
EAST NORTH CENTRAL:												
Ohio.....	67,912	17,583	50,329	286.2	921,919	257,120	664,799	258.6	636,276	128,072	508,204	396.8
Indiana.....	83,440	43,562	39,878	91.5	1,121,589	564,300	557,289	98.8	743,782	266,487	477,295	179.1
Illinois.....	58,973	78,809	-19,836	-25.2	787,519	1,104,670	-317,151	-28.7	523,374	509,688	13,686	2.7
Michigan.....	419,020	174,096	244,924	140.7	5,814,394	2,130,870	3,683,524	172.9	3,944,616	1,033,416	2,911,200	281.7
Wisconsin.....	339,213	362,193	-22,980	-6.3	4,797,775	5,142,606	-344,831	-6.7	3,163,520	2,443,946	719,574	29.4
WEST NORTH CENTRAL:												
Minnesota.....	266,567	118,869	147,698	124.3	4,426,028	1,866,150	2,559,878	137.2	2,679,987	783,852	1,896,135	241.9
Iowa.....	42,042	89,172	-47,130	-52.9	570,996	1,179,970	-608,974	-51.6	357,220	480,817	-123,597	-25.7
Missouri.....	20,001	21,233	-1,232	-5.8	205,813	220,338	-14,525	-6.6	156,852	103,192	53,660	52.0
North Dakota.....	48,188	27,905	20,283	72.1	689,233	368,240	320,993	87.2	411,728	138,771	272,957	196.7
South Dakota.....	13,778	39,253	-25,475	-64.9	194,672	454,860	-260,188	-57.2	115,126	164,800	-49,734	-30.2
Nebraska.....	62,827	178,920	-116,093	-64.9	600,631	1,901,820	-1,241,189	-65.3	383,736	712,759	-329,023	-46.2
Kansas.....	17,179	80,964	-63,785	-78.8	160,415	807,260	-646,845	-80.1	111,927	316,013	-204,086	-64.6
SOUTH ATLANTIC:												
Delaware.....	1,017	1,103	-86	-7.8	11,423	12,380	-957	-7.7	8,169	5,831	2,338	40.1
Maryland.....	28,093	21,621	6,472	29.9	357,562	279,550	78,012	27.9	252,691	141,433	111,258	78.7
District of Columbia.....	13	22	-9	(1)	190	290	-100	-34.5	135	162	-27	-16.7
Virginia.....	47,890	31,534	16,356	51.9	438,345	246,834	191,511	77.6	344,241	124,195	220,046	177.2
West Virginia.....	15,679	13,758	1,921	14.0	148,676	111,031	37,645	33.9	122,258	58,784	63,474	108.0
North Carolina.....	48,685	28,074	20,611	73.4	280,431	133,730	146,701	109.7	269,566	86,228	183,338	212.6
South Carolina.....	2,958	4,256	-1,298	-30.5	20,631	19,372	1,259	6.5	32,197	18,405	13,792	74.9
Georgia.....	12,352	13,185	-833	-6.3	59,937	54,492	5,445	10.0	69,365	52,937	16,428	31.0
Florida.....	859	766	93	12.1	5,279	4,870	409	8.4	7,995	5,544	2,451	44.2
EAST SOUTH CENTRAL:												
Kentucky.....	26,813	17,618	9,195	52.2	255,532	155,365	100,167	64.5	202,534	88,315	114,219	129.3
Tennessee.....	22,798	16,556	6,242	37.7	140,925	107,912	33,013	30.6	129,845	68,381	61,464	89.9
Alabama.....	437	1,708	-1,271	-74.4	3,736	11,123	-7,387	-66.4	4,314	9,075	-4,761	-52.5
Mississippi.....	43	103	-60	-58.3	516	963	-447	-46.4	459	755	-296	-39.2
WEST SOUTH CENTRAL:												
Arkansas.....	1,080	2,883	-1,803	-62.5	7,354	19,125	-11,771	-61.5	6,834	11,428	-4,594	-40.2
Louisiana.....	19	55	-36	(1)	193	372	-179	-48.1	236	323	-87	-26.9
Oklahoma.....	4,291	3,660	631	17.2	37,240	42,360	-5,120	-12.1	30,364	17,168	13,196	76.9
Texas.....	536	3,984	-3,448	-86.5	4,350	42,770	-38,420	-89.8	3,731	27,362	-23,631	-86.4
MOUNTAIN:												
Montana.....	6,034	2,003	4,031	201.2	111,214	33,120	78,094	235.8	82,669	16,546	66,123	399.6
Idaho.....	3,295	1,304	1,991	152.7	40,241	16,580	23,661	142.7	28,976	8,328	20,648	247.9
Wyoming.....	1,516	1,006	510	50.7	20,479	15,580	4,899	31.4	14,791	9,574	5,217	54.5
Colorado.....	15,715	2,148	13,567	631.6	198,025	26,180	171,845	656.4	123,530	13,876	109,654	790.2
New Mexico.....	257	48	209	(1)	2,913	1,064	1,849	173.8	2,650	701	1,949	278.0
Arizona.....	21	15	6	(1)	261	190	71	37.4	239	157	82	52.2
Utah.....	5,234	2,866	2,368	82.6	65,754	28,630	37,124	129.7	46,338	13,761	32,577	236.7
Nevada.....	43	129	-86	-66.7	880	2,114	-1,234	-58.4	941	1,716	-775	-45.2
PACIFIC:												
Washington.....	5,450	3,077	2,373	77.1	50,746	44,945	5,801	12.9	43,974	23,566	20,408	86.6
Oregon.....	12,913	10,090	2,823	28.0	147,024	109,234	37,790	34.6	132,756	67,053	65,703	98.0
California.....	7,027	62,925	-55,898	-88.8	70,683	524,451	-453,768	-86.5	65,846	251,486	-185,640	-73.8

1 Per cent not calculated where base is less than 100.

2 Includes Indian Territory.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## BUCKWHEAT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 30 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	878,048	807,060	70,988	8.8	14,849,332	11,233,515	3,615,817	32.2	\$9,330,592	\$5,747,853	\$3,582,739	62.3
GEOGRAPHIC DIVISIONS:												
New England.....	28,725	42,767	-14,042	-32.8	602,715	807,336	-204,621	-25.3	400,081	350,148	49,933	14.3
Middle Atlantic.....	592,159	555,464	36,695	6.6	10,701,643	7,972,605	2,729,038	34.2	6,625,513	4,112,076	2,513,437	61.1
East North Central.....	139,971	123,357	16,614	13.5	1,897,474	1,427,420	470,054	32.9	1,222,109	762,559	459,550	60.3
West North Central.....	25,955	27,506	-1,550	-5.6	349,316	292,669	56,647	19.4	230,356	164,305	66,051	40.2
South Atlantic.....	84,864	55,542	29,322	52.8	1,216,608	704,147	512,461	72.8	791,546	341,567	449,979	131.7
East South Central.....	4,772	1,267	3,505	276.6	51,525	9,552	41,973	439.4	37,268	5,355	31,913	595.9
West South Central.....	121	107	14	13.1	987	924	63	6.8	854	744	110	14.8
Mountain.....	316	158	158	100.0	7,931	2,152	5,779	268.5	6,920	1,397	5,523	395.3
Pacific.....	1,165	893	272	30.5	21,133	16,710	4,423	26.5	15,945	9,702	6,243	64.3
NEW ENGLAND:												
Maine.....	15,552	25,292	-9,740	-38.5	316,782	468,320	-151,538	-32.4	189,516	185,836	3,680	2.0
New Hampshire.....	1,052	1,835	-783	-42.7	26,312	43,360	-17,048	-39.3	17,842	19,334	-1,492	-7.7
Vermont.....	7,659	9,910	-2,251	-22.7	174,394	196,010	-21,616	-11.0	122,050	90,275	31,775	35.2
Massachusetts.....	1,630	2,262	-632	-27.9	32,926	36,034	-3,108	-8.6	24,678	20,930	3,748	17.9
Connecticut.....	2,797	3,423	-626	-18.3	51,751	62,962	-11,211	-17.8	45,532	33,346	12,186	36.5
MIDDLE ATLANTIC:												
New York.....	286,276	289,862	-3,586	-1.2	5,691,745	3,815,350	1,876,395	49.2	3,587,558	2,045,737	1,541,821	75.4
New Jersey.....	13,155	15,762	-2,607	-16.5	212,548	234,275	-21,727	-9.3	141,997	120,479	21,518	17.9
Pennsylvania.....	292,728	249,840	42,888	17.2	4,797,350	3,922,980	874,370	22.3	2,895,958	1,945,860	950,098	48.8
EAST NORTH CENTRAL:												
Ohio.....	26,073	13,071	13,002	99.5	483,410	164,305	319,105	194.2	303,220	87,242	215,978	247.6
Indiana.....	6,995	8,684	-1,689	-19.4	84,991	102,340	-17,349	-17.0	56,617	51,300	5,317	10.4
Illinois.....	4,696	6,220	-1,524	-24.5	68,125	65,050	3,075	4.7	48,040	36,225	11,815	32.6
Michigan.....	75,909	55,609	20,240	36.4	958,119	605,830	352,289	58.1	594,748	306,311	288,437	94.2
Wisconsin.....	25,298	39,713	-13,415	-33.8	302,829	489,895	-187,066	-38.2	219,484	281,481	-61,997	-22.0
WEST NORTH CENTRAL:												
Minnesota.....	10,309	6,700	3,609	53.9	144,861	82,687	62,174	75.2	89,058	43,741	45,317	103.6
Iowa.....	9,066	13,834	-4,768	-34.5	120,559	151,120	-30,561	-20.2	86,941	84,842	2,099	2.5
Missouri.....	1,676	2,715	-1,039	-38.3	20,289	21,480	-1,191	-5.5	16,296	12,079	4,217	34.9
North Dakota.....	1,039	1,121	-82	-7.3	17,066	10,760	6,306	58.6	9,135	7,439	1,696	22.8
South Dakota.....	1,904	232	1,672	720.7	28,551	2,790	25,761	923.3	16,816	2,073	14,743	711.2
Nebraska.....	1,205	980	225	23.0	9,876	8,629	1,247	14.5	7,221	5,109	2,112	41.3
SOUTH ATLANTIC:												
Delaware.....	4,002	1,652	2,350	142.3	53,903	23,980	29,923	124.8	30,839	10,773	20,066	186.3
Maryland.....	10,388	8,047	2,341	29.1	152,216	115,950	36,266	31.3	99,216	58,623	40,593	69.2
Virginia.....	25,481	19,251	6,230	32.4	332,222	244,321	87,901	36.0	196,196	111,731	84,465	75.6
West Virginia.....	33,323	21,410	11,913	55.6	533,670	267,257	266,413	99.7	351,171	134,893	216,278	160.3
North Carolina.....	11,606	5,168	6,438	124.6	144,186	52,572	91,614	174.3	113,577	25,482	88,095	345.7
EAST SOUTH CENTRAL:												
Kentucky.....	1,887	84	1,803	(1)	18,074	879	17,195	1,956.2	12,028	615	11,413	1,855.8
Tennessee.....	2,867	1,173	1,694	144.4	33,249	8,597	24,652	286.8	25,078	4,690	20,388	434.7

¹ Per cent not calculated where base is less than 100.

## EMMER AND SPELT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909.

[States are not named when the acreage was less than 1,000 in 1909.]

Table 31 DIVISION OR STATE.	Acreage.	Production (bushels).	Value.	DIVISION OR STATE.	Acreage.	Production (bushels).	Value.
United States.....	573,622	12,702,710	\$5,584,050	WEST NORTH CENTRAL:			
GEOGRAPHIC DIVISIONS:				Minnesota.....	30,891	757,339	\$338,841
New England.....	202	5,418	4,229	Iowa.....	7,256	139,839	65,436
Middle Atlantic.....	1,795	42,993	28,429	Missouri.....	7,935	104,540	47,543
East North Central.....	14,941	371,864	212,595	North Dakota.....	101,144	2,564,732	1,102,782
West North Central.....	522,487	11,672,769	5,009,772	South Dakota.....	259,611	6,098,982	2,627,533
South Atlantic.....	298	6,031	4,631	Nebraska.....	65,681	1,221,975	484,791
East South Central.....	99	2,076	1,851	Kansas.....	49,969	785,362	342,846
West South Central.....	13,295	139,028	81,942	WEST SOUTH CENTRAL:			
Mountain.....	18,644	407,187	205,483	Oklahoma.....	8,659	94,580	54,690
Pacific.....	1,861	55,344	35,118	Texas.....	4,624	44,316	27,118
MIDDLE ATLANTIC:				MOUNTAIN:			
New York.....	1,382	33,890	22,110	Montana.....	1,308	39,830	24,643
EAST NORTH CENTRAL:				Wyoming.....	1,521	35,677	22,918
Illinois.....	1,633	41,999	20,754	Colorado.....	15,523	324,713	153,068
Michigan.....	6,742	154,103	97,414				
Wisconsin.....	6,090	166,301	89,118				



# FARM CROPS, BY STATES.

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## KAFIR CORN AND MILO MAIZE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 32	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	DIVISION OR STATE.		Increase.		1909		Increase.		1909		Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
	1909	1899			1909	1899			1909	1899		
<b>United States.....</b>	<b>1,635,153</b>	<b>286,513</b>	<b>1,368,640</b>	<b>513.5</b>	<b>17,597,305</b>	<b>5,169,113</b>	<b>12,428,192</b>	<b>240.4</b>	<b>\$10,816,940</b>	<b>\$1,367,040</b>	<b>\$9,449,900</b>	<b>691.3</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	48	.....	48	.....	1,772	.....	1,772	.....	1,084	.....	1,084	.....
Middle Atlantic.....	586	1	585	(1)	11,647	14	11,633	(1)	8,203	7	8,196	(1)
East North Central.....	1,185	137	1,048	765.0	22,779	2,812	19,967	710.1	14,242	888	13,354	1,503.8
West North Central.....	404,433	157,593	246,840	156.6	5,372,284	3,119,044	2,253,240	72.2	3,219,619	804,410	2,415,209	300.2
South Atlantic.....	230	40	190	(1)	3,561	618	2,943	476.2	2,918	307	2,611	850.5
East South Central.....	493	23	470	(1)	6,453	624	5,829	934.1	4,998	284	4,714	1,659.9
West South Central.....	1,107,406	88,340	1,019,066	1,153.5	10,536,612	1,620,590	8,916,022	550.2	6,330,665	365,802	5,964,863	1,630.6
Mountain.....	76,436	157	76,279	48,585.4	703,484	4,825	698,659	14,479.8	509,163	2,059	507,104	24,628.5
Pacific.....	44,336	20,222	24,114	119.2	938,713	420,586	518,127	123.2	726,048	193,283	532,765	275.6
<b>WEST NORTH CENTRAL:</b>												
Missouri.....	13,543	1,900	11,553	580.6	228,386	38,497	189,889	493.2	152,246	12,836	139,410	1,086.1
Nebraska.....	2,016	742	1,274	171.7	20,212	13,607	6,605	48.5	15,712	5,189	10,523	202.8
Kansas.....	388,495	154,706	233,789	151.1	5,115,415	3,063,781	2,051,634	67.0	3,046,799	785,276	2,261,523	288.0
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1,294	109	1,185	1,087.2	15,284	1,722	13,562	787.6	12,074	808	11,266	1,394.3
Oklahoma.....	532,515	165,418	467,097	714.0	4,658,752	1,136,772	3,521,980	309.8	2,531,036	234,980	2,296,056	977.1
Texas.....	573,384	22,813	550,571	2,413.4	5,890,444	482,096	5,378,348	1,115.6	3,785,463	130,014	3,655,449	2,811.6
<b>MOUNTAIN AND PACIFIC:</b>												
Colorado.....	11,971	18	11,953	(1)	139,234	302	138,932	46,003.3	94,486	131	94,355	72,026.7
New Mexico.....	63,570	138	63,432	45,965.2	543,350	4,473	538,877	12,047.2	392,393	1,778	390,615	21,969.1
California.....	44,308	20,218	24,090	119.2	938,049	420,452	517,597	123.1	725,704	193,244	532,460	275.5

<sup>1</sup> Per cent not calculated where base is less than 100.

<sup>2</sup> Includes Indian Territory.

## ROUGH RICE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 33	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	DIVISION OR STATE.		Increase.		1909		Increase.		1909		Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
	1909	1899			1909	1899			1909	1899		
<b>United States.....</b>	<b>1610,175</b>	<b>342,214</b>	<b>267,961</b>	<b>78.3</b>	<b>21,838,580</b>	<b>9,002,886</b>	<b>12,835,694</b>	<b>142.6</b>	<b>\$16,019,607</b>	<b>\$6,329,562</b>	<b>\$9,690,045</b>	<b>153.1</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
South Atlantic.....	27,080	127,369	-100,289	-78.7	713,966	2,470,725	-1,756,759	-71.1	691,372	2,000,996	-1,309,624	-65.5
East South Central.....	560	4,424	-3,864	-87.3	10,006	59,934	-49,928	-83.3	10,547	59,455	-48,908	-82.3
West South Central.....	582,523	210,421	372,102	176.8	21,114,548	6,472,227	14,642,321	226.2	15,317,648	4,299,111	11,018,537	258.8
<b>SOUTH ATLANTIC:</b>												
Virginia.....	.....	25	-25	.....	.....	157	-157	.....	.....	94	-94	.....
North Carolina.....	521	22,279	-21,758	-97.7	11,357	283,906	-272,549	-96.0	10,269	208,475	-198,206	-95.1
South Carolina.....	19,491	77,657	-58,166	-74.9	541,570	1,703,602	-1,162,032	-68.2	520,000	1,366,528	-846,528	-61.0
Georgia.....	6,445	21,998	-15,553	-70.7	148,698	401,963	-253,265	-63.0	145,813	338,567	-192,754	-56.9
Florida.....	623	5,410	-4,787	-88.5	12,341	81,097	-68,756	-84.8	15,290	87,332	-72,042	-82.5
<b>EAST SOUTH CENTRAL:</b>												
Alabama.....	279	2,329	-2,050	-88.0	5,170	33,343	-28,173	-84.5	5,179	30,891	-25,712	-83.2
Mississippi.....	281	2,095	-1,814	-86.6	4,836	26,591	-21,755	-81.8	5,368	28,564	-23,196	-81.2
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	27,419	25	27,394	(7)	1,282,830	310	1,282,520	413,709.7	1,158,103	235	1,157,868	492,680.9
Louisiana.....	317,518	201,685	115,833	57.4	10,839,973	6,213,397	4,626,576	74.5	8,053,222	4,044,489	4,008,733	99.1
Texas.....	237,586	8,711	228,875	2,627.4	8,991,745	258,520	8,733,225	3,378.2	6,106,323	224,387	5,881,936	2,621.4

<sup>1</sup> Includes 12 acres, 60 bushels, valued at \$40, in states not shown.

<sup>2</sup> Per cent not calculated where base is less than 100.



## OTHER GRAINS AND SEEDS.

According to ordinary usage, the term "grain" refers to the several cereals only, but it is sometimes applied to other seeds also, such as beans and peas and peanuts. The more comprehensive definition conforms to the usage of the Department of Agriculture, which has been adopted by the Census Bureau. Among the other seeds are included flaxseed, grass seed, flower and vegetable seeds, etc. The combined value of the production of the minor grains and seeds, of which the most important are beans, peas, peanuts, flaxseed, grass seed, and flower and vegetable seeds, amounted in 1909 to \$97,536,000, representing 1.8 per cent of the total value of all crops, including forest and nursery products. The statistics of acreage were not tabulated for grass seeds, or flower and vegetable seeds, chiefly for the reason that in many cases the raising of these seeds was incidental to the production of hay and forage crops and of flowers and vegetables, so that a presentation of the acreage would involve duplication. The total acreage of the minor grains and seeds for which acreage reports were secured amounted in 1909 to 5,157,000, or 1.1 per cent of the improved farm land of the country.

**Dry edible beans.**—Table 34 shows the statistics for dry edible beans. It does not include beans used green from vegetable gardens nor varieties of beans which are used mainly for feeding animals, such as horse beans, stock beans, and velvet beans, nor castor beans (the total acreage of which is very small). Beans used green from gardens are included with vegetables.

The acreage of dry edible beans in 1909 was 802,991, forming only 0.2 per cent of the total improved farm acreage of the country. The acreage in 1909 was 76.9 per cent greater than in 1899, and the production, which amounted to 11,251,000 bushels in 1909, was considerably more than twice as great. The value of the product increased from \$7,634,000 in 1899 to \$21,771,000 in 1909, or 185.2 per cent, the average value per bushel having advanced from \$1.51 to \$1.94. The value of the crop raised in 1909 represented 0.4 per cent of that of all crops. The East North Central division contained more than half of the total acreage of dry edible beans in the country in 1909. Other divisions with large acreages were the Pacific and Middle Atlantic, but in the latter the acreage was less in 1909 than in 1899.

The total acreage of the various other kinds of beans (not reported as dry edible beans or as beans used green from gardens) was 14,947 in 1909, as compared with 25,738 in 1899; the production was 179,733 bushels in 1909 and 143,388 in 1899; and the value \$241,060 in 1909, as compared with \$134,084 in 1899.

## DRY EDIBLE BEANS—ACREAGE, PRODUCTION, AND VALUE.

Table 34 DIVISION OR STATE.	ACREAGE.		PRODUCTION (BUSELS).		VALUE.	
	1909	1899	1909	1899	1909	1899
United States...	802,991	453,841	11,251,160	5,064,490	\$21,771,482	\$7,633,638
GEOGRAPHIC DIVS.:						
New England.....	16,619	16,734	145,111	212,149	432,501	437,110
Middle Atlantic.....	117,370	131,681	1,696,468	1,387,290	3,723,350	2,517,273
East North Central.....	422,256	188,292	5,472,850	2,028,930	10,054,082	2,692,908
West North Central.....	9,189	12,495	94,841	128,427	199,498	194,441
South Atlantic.....	25,776	30,492	162,833	373,339	291,885	377,428
East South Central.....	18,481	14,110	114,022	126,869	189,869	142,511
West South Central.....	3,551	5,458	25,052	53,212	45,717	68,574
Mountain.....	30,847	7,581	200,402	80,852	506,185	153,204
Pacific.....	158,902	46,998	3,339,561	673,422	6,328,455	1,050,187
NEW ENGLAND:						
Maine.....	10,341	10,252	87,565	137,290	275,334	290,885
New Hampshire.....	3,180	2,892	22,546	29,990	62,783	62,799
Vermont.....	2,390	2,404	20,359	27,172	72,873	51,629
Massachusetts.....	446	629	4,979	7,939	12,382	15,088
Rhode Island.....	54	216	817	3,330	2,084	6,477
Connecticut.....	208	341	2,845	6,428	7,045	10,232
MIDDLE ATLANTIC:						
New York.....	115,698	129,298	1,681,506	1,360,445	3,689,060	2,472,668
New Jersey.....	403	201	2,941	2,888	6,150	5,886
Pennsylvania.....	1,260	2,182	12,021	23,957	28,136	38,719
E. NORTH CENTRAL:						
Ohio.....	1,139	1,828	13,665	19,042	30,082	33,307
Indiana.....	1,721	2,999	15,238	30,171	30,929	46,281
Illinois.....	1,153	3,451	6,866	30,122	12,842	46,084
Michigan.....	403,669	167,025	5,282,511	1,806,413	9,716,315	2,361,020
Wisconsin.....	14,574	12,989	154,570	143,182	263,914	206,216
W. NORTH CENTRAL:						
Minnesota.....	4,697	3,290	62,822	36,317	124,996	49,685
Iowa.....	615	2,427	5,699	24,903	12,428	38,296
Missouri.....	1,281	4,376	9,385	45,647	20,354	73,850
North Dakota.....	544	270	5,073	2,389	12,862	3,872
South Dakota.....	809	397	5,285	4,218	12,575	6,448
Nebraska.....	1,173	887	5,941	7,669	14,962	12,805
Kansas.....	70	848	636	7,284	1,321	9,485
SOUTH ATLANTIC:						
Delaware.....	55	100	648	1,333	1,387	1,822
Maryland.....	196	605	1,833	4,754	3,342	7,038
District of Columbia.....	1	1	12	12	38	38
Virginia.....	14,777	6,411	29,435	56,189	61,864	66,066
West Virginia.....	18,111	5,221	39,794	52,815	81,049	80,494
North Carolina.....	15,521	5,381	35,937	49,518	57,528	50,703
South Carolina.....	11,528	1,657	6,825	14,925	12,778	13,936
Georgia.....	12,947	1,927	16,546	17,489	30,918	17,982
Florida.....	12,641	9,189	31,835	176,304	43,019	139,349
E. SOUTH CENTRAL:						
Kentucky.....	12,434	5,633	70,557	49,106	105,309	57,672
Tennessee.....	13,398	5,563	19,526	48,736	40,966	57,600
Alabama.....	11,537	1,765	15,212	17,863	19,887	15,507
Mississippi.....	1,092	1,149	8,727	11,162	23,647	11,672
W. SOUTH CENTRAL:						
Arkansas.....	1,819	1,490	4,080	15,582	6,588	17,046
Louisiana.....	1,311	335	5,557	3,371	6,982	3,948
Oklahoma.....	1,575	755	2,520	6,130	5,942	6,928
Texas.....	11,846	2,878	12,895	28,129	26,205	40,652
MOUNTAIN:						
Montana.....	342	101	2,938	1,110	8,511	2,221
Idaho.....	1,915	457	33,816	5,886	76,314	9,979
Wyoming.....	273	26	1,876	283	5,018	746
Colorado.....	5,040	2,634	53,926	28,570	128,701	49,169
New Mexico.....	20,766	3,349	85,795	36,022	232,023	73,001
Arizona.....	2,301	805	18,457	6,637	44,997	12,700
Utah.....	196	176	3,352	1,806	10,006	4,085
Nevada.....	14	33	222	536	615	1,303
PACIFIC:						
Washington.....	333	296	3,311	3,830	9,656	7,034
Oregon.....	562	841	8,032	11,077	23,342	20,567
California.....	157,987	45,861	3,328,218	658,515	6,295,457	1,022,586

<sup>1</sup> A considerable amount of this acreage is probably a duplication of other crop acreage.

<sup>2</sup> Includes Indian Territory.

**Dry peas.**—Table 35 presents statistics for dry peas; it does not cover green peas, which are included under "vegetables."

In 1909 the acreage of dry peas in the United States as a whole was 1,305,099, equivalent to 0.3 per cent of the total improved farm acreage of the country. Although the acreage reported in 1909 was 34.8 per cent greater than in 1899, the production (7,129,000 bushels) showed a decrease of 24.5 per cent. On ac-



count of the material increase in the average value per bushel, however, the total value of the crop advanced from \$7,909,000 in 1899 to \$10,964,000 in 1909, when it constituted 0.2 per cent of the total value of all farm crops.

#### DRY PEAS—ACREAGE, PRODUCTION, AND VALUE.

Table 35 DIVISION OR STATE.	ACREAGE.		PRODUCTION (BUSHELS).		VALUE.	
	1909	1899	1909	1899	1909	1899
United States....	1,305,099	968,370	7,129,294	9,440,210	\$10,963,739	\$7,908,966
<b>GEOGRAPHIC DIVS.:</b>						
New England.....	824	3,050	7,784	48,130	15,348	58,506
Middle Atlantic.....	4,183	15,273	73,358	259,038	121,369	239,095
East North Central.....	227,430	154,216	2,603,773	2,351,514	3,396,025	1,639,048
West North Central.....	27,035	7,043	154,873	96,144	241,082	106,451
South Atlantic.....	667,705	440,378	2,242,243	3,568,991	3,805,792	2,874,088
East South Central.....	203,229	251,851	882,471	2,099,677	1,590,726	1,962,651
West South Central.....	138,902	81,033	678,746	730,703	1,095,149	766,548
Mountain.....	28,598	7,733	328,201	114,180	495,132	92,708
Pacific.....	6,591	6,891	157,844	171,813	233,116	169,871
<b>NEW ENGLAND:</b>						
Maine.....	537	2,300	4,963	35,991	10,134	44,618
New Hampshire.....	122	146	934	1,533	1,955	2,210
Vermont.....	127	408	1,262	6,945	2,092	7,730
Massachusetts.....	30	122	480	2,259	944	2,125
Rhode Island.....	4	45	73	949	102	1,195
Connecticut.....	4	29	72	462	121	628
<b>MIDDLE ATLANTIC:</b>						
New York.....	4,007	14,748	71,486	251,889	117,558	230,909
New Jersey.....	91	45	883	806	1,711	868
Pennsylvania.....	87	482	989	6,363	2,100	7,618
<b>E. NORTH CENTRAL:</b>						
Ohio.....	323	506	3,041	7,521	5,298	7,410
Indiana.....	13,082	533	88,254	7,357	133,996	7,348
Illinois.....	41,076	12,982	185,020	103,386	273,373	110,554
Michigan.....	94,932	71,376	1,162,403	1,134,431	1,337,430	689,133
Wisconsin.....	78,017	68,819	1,165,055	1,098,819	1,645,928	824,603
<b>W. NORTH CENTRAL:</b>						
Minnesota.....	835	670	14,964	9,021	18,384	9,338
Iowa.....	731	1,556	9,007	27,606	11,669	24,473
Missouri.....	23,036	5,319	109,357	54,763	180,391	66,701
North Dakota.....	399	84	5,543	710	8,368	1,031
South Dakota.....	1,783	37	10,598	452	11,223	591
Nebraska.....	26	126	169	1,586	308	2,041
Kansas.....	825	151	5,235	10,739	2,306	
<b>SOUTH ATLANTIC:</b>						
Delaware.....	1,615	518	12,521	4,650	25,278	5,086
Maryland.....	1,742	947	5,603	12,459	11,143	12,725
District of Columbia.....						
Virginia.....	12,091	22,206	66,488	219,142	127,211	218,477
West Virginia.....	1,232	323	1,490	3,613	3,312	3,731
North Carolina.....	1,169,934	88,407	651,567	876,167	1,024,228	649,194
South Carolina.....	1,265,632	143,070	711,853	1,162,705	1,311,454	859,932
Georgia.....	1,210,315	167,032	736,009	1,130,441	1,204,783	953,241
Florida.....	1,714	17,875	56,713	159,814	98,383	171,702
<b>E. SOUTH CENTRAL:</b>						
Kentucky.....	1,846	8,394	44,772	83,089	84,514	90,739
Tennessee.....	1,36,640	82,841	133,924	760,663	245,434	767,840
Alabama.....	1,83,034	91,126	418,007	665,388	660,270	536,793
Mississippi.....	1,73,090	69,490	285,768	590,537	570,508	567,279
<b>W. SOUTH CENTRAL:</b>						
Arkansas.....	1,52,730	31,414	229,444	245,894	376,076	255,709
Louisiana.....	1,33,150	15,190	161,659	146,298	252,362	156,843
Oklahoma.....	1,6,245	1,455	33,282	1,049	63,857	1,460
Texas.....	1,46,777	33,974	254,361	333,462	402,854	349,306
<b>MOUNTAIN:</b>						
Montana.....	1,184	1,512	21,670	32,265	37,757	33,273
Idaho.....	234	170	4,875	2,506	9,169	4,058
Wyoming.....	326	13	9,231	232	9,552	305
Colorado.....	24,230	3,621	258,281	47,461	397,540	29,906
New Mexico.....	1,2,485	2,220	30,829	28,071	35,077	20,365
Arizona.....	13	50	93	866	293	1,205
Utah.....	126	143	3,222	2,694	5,753	3,504
Nevada.....		4		85		92
<b>PACIFIC:</b>						
Washington.....	3,196	3,573	91,032	91,899	116,065	78,124
Oregon.....	436	1,304	9,344	22,615	16,035	21,114
California.....	2,959	2,014	57,468	57,299	101,016	70,633

<sup>1</sup> A considerable amount of this acreage is probably a duplication of other crop acreage.

<sup>2</sup> Includes Indian Territory.

The leading division with respect to acreage of dry peas is the South Atlantic, which in 1909 reported more than half of the total, but the production in this division was less in 1909 than that in the East North Central division, which ranked second in acreage. The marked increase reported in the acreage devoted to this crop in the South Atlantic division is probably

more apparent than real, inasmuch as peas are often planted in conjunction with some other crop, and it seems certain that for 1909 the enumerators more frequently duplicated such acreage in their reports than they did for 1899. The East South Central and West South Central divisions ranked third and fourth, respectively, in acreage and production in 1909.

**Peanuts.**—Table 36 shows that the production of peanuts is practically confined to the southern states.

#### PEANUTS—ACREAGE, PRODUCTION, AND VALUE.

Table 36 STATE.	ACREAGE.		PRODUCTION (BUSHELS).		VALUE.	
	1909	1899	1909	1899	1909	1899
United States....	869,887	516,654	19,415,816	11,964,109	\$18,271,929	\$7,270,515
Alabama.....	100,609	78,878	1,573,796	1,021,708	1,490,654	883,223
Arkansas.....	10,192	5,233	168,608	78,237	183,364	69,632
California.....	99	433	2,991	15,461	2,889	12,650
Florida.....	126,150	69,432	2,315,089	967,027	2,146,862	699,713
Georgia.....	160,317	100,589	2,599,787	1,433,775	2,440,926	935,749
Kansas.....	48	225	2,047	4,516	2,669	4,306
Louisiana.....	25,020	3,107	412,057	45,713	422,232	44,785
Mississippi.....	13,997	5,853	284,791	95,738	317,236	89,350
Missouri.....	130	271	3,220	6,679	4,040	6,407
New Mexico.....	126	1	1,375	10	2,177	12
New Carolina.....	193,134	95,856	5,980,919	3,460,439	5,368,826	1,852,110
Oklahoma.....	1,564	1,205	31,880	150,428	34,984	130,190
South Carolina.....	7,596	7,162	154,822	131,710	144,211	106,018
Tennessee.....	18,952	19,534	547,240	747,668	386,765	392,648
Texas.....	64,327	10,734	1,074,998	184,860	1,075,110	178,542
Virginia.....	145,213	116,914	4,284,349	3,713,347	4,239,832	2,261,148
All other states.....	413	207	7,876	3,893	9,152	4,032

<sup>1</sup> Includes Indian Territory.

The acreage of peanuts in 1909 was 869,887, representing 0.2 per cent of the total improved farm acreage in the country as a whole. In the South the proportion of the improved farm acreage that was devoted to peanuts was 0.6 per cent. The total acreage of peanuts in the United States in 1909 was 68.4 per cent greater than in 1899, and the production in 1909, 19,416,000 bushels, was 62.3 per cent greater than 10 years before.

The value of the crop in 1909, \$18,272,000, which formed 0.3 per cent of the total value of all crops, was more than two and one-half times as great as that in 1899. The average value per bushel increased from \$0.61 to \$0.94. The leading states in the production of peanuts are North Carolina, Georgia, Virginia, Florida, and Alabama, in the order named, the acreage in each of these states in 1909 exceeding 100,000. Other states in which there has been a very marked increase in the acreage of peanuts are Louisiana, Mississippi, and Texas.

**Flaxseed.**—In the United States flax is raised primarily for the sake of the seed, much less use being made of the fiber than in some of the other countries where this crop is grown. The production of flaxseed, as shown by Table 37, is almost wholly confined to the North Central and Mountain divisions.

The total acreage in flax in 1909 was 2,083,142, or 0.4 per cent of the total improved farm acreage of the country, and the total production was 19,513,000 bushels. Both acreage and production in 1909 were



slightly less than in 1899, but the value increased from \$19,625,000 in 1899 to \$28,971,000 in 1909, or 47.6 per cent, the average value per bushel increasing from \$0.98 to \$1.48. In 1909 the value of this crop represented 0.5 per cent of the total for all crops. The values given in the table represent the seed only. The Census Bureau did not undertake to ascertain the total value of flax straw produced, but an inquiry was made as to the amount received from sales of flax straw and flax fiber, an item which probably represents approximately the value of the straw produced, since it is used but little on the farm. The reported receipts from sales of flax straw and fiber in 1909 amounted to \$90,832.

#### FLAXSEED—ACREAGE, PRODUCTION, AND VALUE.

Table 37	ACREAGE.		PRODUCTION (BUSELS).		VALUE.	
	1909	1899	1909	1899	1909	1899
United States	2,083,142	2,110,517	19,512,765	19,979,492	\$28,970,554	\$19,624,901
California	240	904	1,882	12,610	3,224	10,559
Colorado	2,887	434	13,462	1,820	17,485	1,851
Idaho	81	17,239	608	134,180	916	121,682
Illinois	115	394	1,156	4,336	1,548	4,705
Indiana	39	171	179	1,394	245	1,412
Iowa	15,549	126,453	140,906	1,413,380	182,569	1,380,102
Kansas	45,014	192,167	302,491	1,417,770	327,402	1,262,487
Louisiana	312	.....	2,215	.....	4,920	.....
Michigan	261	883	2,943	9,309	4,951	10,108
Minnesota	358,426	566,801	3,277,238	5,895,479	4,863,328	5,898,556
Missouri	20,630	100,952	154,532	611,888	168,771	519,929
Montana	37,647	16	447,484	220	676,945	268
Nebraska	2,934	7,652	20,647	54,394	30,135	53,793
New York	58	159	400	1,350	837	1,485
North Dakota	1,068,049	773,999	10,245,684	7,796,619	15,488,016	7,735,640
Ohio	552	3,092	4,809	29,821	6,307	28,935
Oklahoma	1,036	13,544	9,093	20,110	11,345	16,622
Oregon	38	2,016	391	8,740	567	8,664
South Dakota	518,566	302,010	4,759,794	2,452,528	7,001,717	2,422,269
Washington	1	149	14	850	29	767
Wisconsin	9,423	11,263	118,793	140,765	167,848	143,239
Wyoming	1,110	.....	5,983	.....	7,858	.....
All other states	174	219	2,061	1,938	3,600	1,928

<sup>1</sup> Includes Indian Territory.

The acreage of flax in North Dakota in 1909 was more than half of the total for the country. South Dakota ranked next and Minnesota third, while no other state had as much as 50,000 acres. Between 1899 and 1909 there was a marked falling off in the acreage of flax in Idaho, Iowa, Kansas, Minnesota, and Missouri, but a marked increase in North Dakota and South Dakota, and in Montana, where the crop, which was insignificant in 1899, had become of considerable importance in 1909.

Grass seed and flower and vegetable seeds.—Table 38 presents statistics of grass seed and flower and vegetable seeds, by states.

As already stated, the acreage from which grass seed and flower and vegetable seeds were raised has not been tabulated. In some cases such acreage was not reported, and in many other cases it would represent a duplication of the acreage reported for hay and forage, flowers and plants, and vegetables. The reported production of flower and vegetable seeds doubtless represents chiefly that of farms producing such seeds for sale, small quantities raised by farmers for their own use presumably being often, if not generally,

omitted. Since statements of quantity for all classes of flower and vegetable seeds combined would obviously have no significance, only the total value of these seeds is shown in Table 38. For the country as a whole the value in 1909 was \$1,411,000. The most important states in the production of such seeds in 1909 were California, Illinois, New York, and Ohio.

#### GRASS SEED AND FLOWER AND VEGETABLE SEEDS.

Table 38

STATE.	GRASS SEED.				FLOWER AND VEGETABLE SEEDS.	
	Production (bushels).		Value.		Value.	
	1909	1899	1909	1899	1909	1899
United States	6,671,348	4,865,078	\$15,137,683	\$8,228,417	\$1,411,013	\$826,019
NEW ENGLAND:						
Maine	527	936	1,544	3,810	950	3,082
New Hampshire	142	47	556	121	1,319	855
Vermont	601	168	1,538	296	2,670	463
Massachusetts	3,397	167	4,163	387	291	40,692
Rhode Island	19	536	39	1,235	2,564	1,900
Connecticut	765	314	2,429	248	37,302	44,181
MIDDLE ATLANTIC:						
New York	17,879	11,449	88,239	47,790	72,991	54,148
New Jersey	12,804	5,187	14,799	2,795	53,300	43,191
Pennsylvania	24,454	50,122	116,108	182,500	36,316	104,229
E. NORTH CENTRAL:						
Ohio	288,605	388,721	1,352,136	1,418,689	67,303	33,989
Indiana	165,488	525,145	785,041	1,820,149	8,414	8,502
Illinois	1,289,996	552,705	1,719,420	650,463	194,626	71,456
Michigan	151,567	88,541	964,655	315,000	44,106	28,700
Wisconsin	292,301	141,766	1,469,401	446,730	42,583	15,336
W. NORTH CENTRAL:						
Minnesota	945,666	561,973	1,496,438	529,301	6,645	9,249
Iowa	1,118,044	1,292,072	1,721,289	1,215,763	4,853	6,044
Missouri	267,872	278,497	756,445	423,395	17,726	15,416
North Dakota	74,162	14,645	99,024	10,054	1,075	653
South Dakota	424,623	80,196	594,570	30,141	25,914	.....
Nebraska	120,423	49,972	451,347	69,782	39,737	77,495
Kansas	324,231	281,388	796,397	292,597	20,827	44,431
SOUTH ATLANTIC:						
Delaware	5,878	3,515	29,928	14,290	507	1,861
Maryland	15,080	11,100	72,785	46,780	8,792	7,183
Virginia	49,031	25,104	74,979	40,600	5,583	3,384
West Virginia	2,645	4,384	8,726	16,109	190	750
North Carolina	2,071	1,646	4,963	3,921	2,501	8,382
South Carolina	314	221	459	243	91	505
Georgia	2,197	506	2,508	442	975	3,669
Florida	1,136	37	4,290	37	200	3,622
E. SOUTH CENTRAL:						
Kentucky	612,406	278,680	538,219	198,793	15,538	8,668
Tennessee	58,486	84,366	92,386	104,477	1,568	458
Alabama	537	876	1,110	1,027	240	1,510
Mississippi	361	509	1,028	1,032	19	153
W. SOUTH CENTRAL:						
Arkansas	1,180	500	4,893	2,009	836	2,447
Louisiana	11,268	271	30,343	500	3,083	5,000
Oklahoma	25,825	14,813	149,070	13,312	7,253	14,835
Texas	21,351	20,492	39,135	13,974	22,602	2,901
MOUNTAIN:						
Montana	14,204	1,226	96,103	3,682	760	.....
Idaho	30,463	3,506	172,012	13,785	5,398	250
Wyoming	17,411	5,080	85,120	20,206	275	75
Colorado	51,208	13,635	162,822	53,295	13,396	11,113
New Mexico	9,092	45	46,935	320	151	.....
Arizona	22,598	1,752	156,840	6,958	.....	.....
Utah	52,604	35,367	313,814	127,988	700	10,330
Nevada	530	157	3,363	958	10	900
PACIFIC:						
Washington	3,355	837	9,388	1,546	37,571	11,667
Oregon	151,016	26,385	364,852	21,460	6,089	10,448
California	25,535	15,522	206,034	69,397	594,724	121,896

<sup>1</sup> Includes Indian Territory.

Table 39 shows, by geographic divisions, for 1909 and 1899, the total quantity and value of grass seed produced, and also, for 1909, the production and value of the leading classes. The acreage of grass seed is not shown, for the reason that in most cases it would involve duplication of the acreage reported for the grasses themselves under hay and forage crops.

The total value of the grass seed produced in 1909 was \$15,138,000, which constitutes 0.3 per cent of the



total value of farm crops and represents an increase of 84 per cent over the value in 1899. Much the larger part of the production of grass seed, considered as a group, was reported from the West and East North Central divisions. As measured by value, clover seed

is the most important kind of grass seed, followed by timothy and alfalfa. The East North Central division leads in the production of clover seed, the West North Central in that of timothy seed and millet seed, and the Mountain in that of alfalfa seed.

## GRASS SEED—PRODUCTION AND VALUE.

DIVISION.	ALL GRASS SEED.				CLASSES OF GRASS SEED: 1909									
	Production (bushels).		Value.		Clover.		Timothy.		Alfalfa.		Millet.		All other.	
	1909	1899	1909	1899	Production (bushels).	Value.	Production (bushels).	Value.	Production (bushels).	Value.	Production (bushels).	Value.	Production (bushels).	Value.
United States.....	6,671,348	4,865,078	\$15,137,683	\$8,228,417	1,025,816	\$6,925,122	2,878,790	\$4,018,951	263,328	\$2,051,840	588,270	\$491,566	1,915,144	\$1,450,204
New England.....	5,451	2,168	10,260	6,097	500	2,966	1,715	3,868	.....	.....	3,014	2,925	222	510
Middle Atlantic.....	55,137	66,758	219,146	233,085	22,109	164,201	27,969	47,280	247	2,479	3,483	3,405	1,329	1,781
East North Central.....	2,157,957	1,606,878	6,320,653	4,651,031	746,820	5,021,888	345,471	558,557	1,058	5,105	35,215	26,282	1,029,393	708,821
West North Central.....	3,265,021	2,538,743	5,915,510	2,571,033	202,259	1,373,395	2,455,911	3,329,264	85,801	713,339	423,778	338,349	97,272	161,163
South Atlantic.....	78,352	46,513	198,638	122,422	17,365	115,078	13,628	21,456	2	20	2,293	2,943	45,064	59,141
West South Central.....	671,796	364,431	632,743	395,329	8,200	58,406	14,159	17,052	64	516	49,534	52,308	599,833	504,459
East South Central.....	59,624	28,076	223,441	19,845	2,118	11,375	1,497	2,345	15,194	147,685	29,166	32,890	11,649	29,146
Mountain.....	198,116	60,767	1,017,009	227,172	7,931	55,204	15,106	32,439	128,913	911,708	41,699	32,294	4,461	5,394
Pacific.....	179,906	42,744	580,274	92,403	18,514	122,607	3,334	6,690	32,049	270,988	88	170	125,921	179,819

Minor seeds.—Table 40 shows, for 1909, the acreage, quantity, and value of the minor seeds produced in the United States as a whole and in the states which lead in the production of each kind. Mustard seed is used mainly as a condiment and sunflower seed probably largely for poultry feed, but the other classes of seeds are for the most part raised for the purpose of planting.

It is probable that the quantities reported do not represent the entire production of these classes of seeds, as they were not listed by name in the census schedule. The combined acreage of all these classes of seeds in 1909 was only 81,308, and the total value \$769,000. Of the total acreage reported, 72,497 were devoted to sorghum cane seed. The quantity produced was reported to be 833,707 bushels, valued at \$544,322. Kansas, Nebraska, Texas, and Oklahoma lead in production.

It is believed that in most cases the acreage shown in this table for seeds is separate from and additional to the acreage of the corresponding products, and therefore does not involve duplication.

## MINOR SEEDS—ACREAGE, PRODUCTION, AND VALUE: 1909.

Table 40 KIND OF SEED AND STATE.	Acreage.	Production (bushels).	Value.
<b>Total.....</b>	<b>81,308</b>	<b>.....</b>	<b>\$768,625</b>
Sorghum cane seed, total.....	72,497	833,707	544,322
Colorado.....	704	9,147	5,799
Illinois.....	155	3,122	1,884
Kansas.....	53,706	656,522	404,329
Missouri.....	456	6,054	4,775
Nebraska.....	7,209	83,134	46,899
New Mexico.....	103	1,021	1,248
Oklahoma.....	4,250	30,435	23,079
Texas.....	5,483	38,683	50,255
All other states.....	341	5,589	6,054
Mustard seed:			
California.....	1,964	13,168,270	100,731
Sunflower seed, total.....	4,731	63,677	58,318
California.....	257	6,835	6,264
Illinois.....	3,969	49,004	44,539
Indiana.....	430	6,330	5,894
All other states.....	75	1,488	1,621
Hemp seed:			
Kentucky.....	563	5,416	20,007
Chufas seed:			
Georgia.....	481	12,531	28,194
Broom corn seed, total.....	1,071	6,833	14,752
Illinois.....	30	1,011	5,050
New Mexico.....	184	583	1,627
Texas.....	702	1,216	3,404
All other states.....	155	4,023	4,671
Tobacco seed, total.....	1	139	1,789
Pennsylvania.....	(?)	1200	1,400
All other states.....	1	189	389
All other seeds.....	(?)	.....	512

<sup>1</sup> Expressed in pounds.

<sup>2</sup> Less than 1 acre.

<sup>3</sup> Includes golden seal seed and anise seed.



## HAY AND FORAGE.

The acreage devoted to hay and forage (Table 42) in 1909 was 72,281,000 and in 1899 was 61,691,000, representing an increase of 17.2 per cent. During the same period the production increased from 79,252,000 tons in 1899 to 97,454,000 in 1909, or 23 per cent, while the value of the crop reported in 1909 was \$824,000,000, or 70.2 per cent greater than that reported in 1899, \$484,000,000. In 1909 hay and forage occupied 15.1 per cent of all improved farm land and contributed 15 per cent of the total value of all crops. A map on page 385 shows the distribution of the hay and forage acreage among the states.

The hay and forage acreage in 1909 was equal to 37.8 per cent of that devoted to all cereals and 73.5 per cent of that occupied by corn alone, but was much larger than that of any of the other cereals. It was equivalent to 15.1 per cent of the improved farm land of the country, but it may be noted that, particularly in the regions west of the Mississippi River, considerable hay is harvested on land which has never been under the plow and which is probably mostly reported as unimproved land. Of the hay and forage acreage reported in 1900 over one-third was in the West North Central division. This division has an acreage nearly twice as great as the East North Central, which ranks second, and over three times as great as the Middle Atlantic, which ranks third. Among the states with a large acreage Iowa and New York are almost equally important, each having in excess of 5,000,000 acres. One other state, Nebraska, has over 4,000,000 acres, eight other states over 3,000,000 acres, four more over 2,000,000 acres, and seven have between 1,000,000 and 2,000,000 acres. The crop is thus more widely distributed than any cereal crop.

Table 41 gives the share of each geographic division and of the more important states in the hay and forage acreage, and the percentage which the acreage of this crop forms of the total improved land in farms in each division and state, together with the average yield per acre and the average value per ton and per acre.

Each of the 11 states here listed had at least 4 per cent of the total hay and forage acreage in the United States for 1909, and together they contained 58.9 per cent of this total. In only 3 of these states, Illinois, Missouri, and Kansas, does the proportion of improved land in farms which is devoted to hay and forage fall below the average for the United States. In New York the acreage of hay and forage is equal to about one-third of the improved land in farms, in Wisconsin and Pennsylvania to practically one-fourth, and in South Dakota and Minnesota to about one-fifth.

During the decade the New England and Middle Atlantic divisions lost slightly in acreage, but in the other divisions the gains, both absolute and relative, were for the most part considerable. In the two

divisions which lost in acreage there was a decrease in all the states except Vermont. In those divisions which had a greater acreage in 1909 than in 1899 the only states which did not share in the increase were Indiana and Kansas.

Table 41

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN TONS PER ACRE.		AVERAGE VALUE PER TON.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	15.1	1.35	1.28	\$8.46	\$5.76	\$11.40	\$7.85
New England.....	5.3	52.3	1.23	1.13	12.69	9.48	15.57	10.78
Middle Atlantic.....	11.8	29.1	1.32	1.19	11.56	8.97	15.31	11.08
East North Central.....	20.4	16.6	1.38	1.22	9.06	6.26	12.52	8.57
West North Central.....	37.9	16.7	1.33	1.34	5.82	3.48	7.71	4.78
South Atlantic.....	4.0	5.9	1.02	1.02	12.97	9.06	13.25	13.38
East South Central.....	3.4	5.7	1.03	1.03	11.55	8.39	11.92	10.63
West South Central.....	4.5	5.6	1.03	1.48	8.80	3.98	9.09	6.15
Mountain.....	6.9	31.2	1.73	1.59	7.73	5.15	13.38	8.21
Pacific.....	5.8	19.1	1.73	1.44	10.20	6.31	17.69	9.06
Iowa.....	7.0	17.1	1.55	1.42	7.59	4.38	11.76	6.46
New York.....	7.0	34.0	1.40	1.23	10.96	8.65	15.34	10.72
Nebraska.....	6.3	18.5	1.28	1.24	5.49	3.19	7.02	3.98
Kansas.....	5.5	13.2	1.50	1.63	5.40	2.56	8.09	4.27
Minnesota.....	5.5	20.1	1.53	1.37	4.43	3.31	6.77	4.62
Missouri.....	5.0	14.8	1.13	1.17	8.27	4.73	9.33	5.88
South Dakota.....	4.8	21.7	1.06	1.04	4.18	2.50	4.44	2.60
Illinois.....	4.6	11.9	1.30	1.18	9.31	6.01	12.11	7.65
Ohio.....	4.6	17.2	1.37	1.20	9.37	6.93	12.81	9.63
Pennsylvania.....	4.3	24.4	1.19	1.15	12.41	9.33	14.77	11.47
Wisconsin.....	4.3	25.9	1.62	1.37	8.17	5.25	13.27	8.03

The average yield of hay and forage per acre in the United States in 1909 was 1.35 tons. This average was exceeded considerably in the Mountain and Pacific divisions, but of the more easterly divisions only the East North Central showed a yield larger than the average. The average yield per acre in the country as a whole was slightly greater in 1909 than in 1899. In one division only, the West South Central, was the yield appreciably smaller in 1909, though in three, the West North Central, East South Central, and South Atlantic, it was the same or practically the same in the two years. In only two of the states named in the table, Kansas and Missouri, was the yield per acre smaller in 1909 than 10 years earlier.

As the result of the increases in acreage or in yield per acre there was, in every division except the West South Central, an increase in the total yield. In that division the falling off in average yield more than balanced the effect of the increased acreage. In the New England and the Middle Atlantic divisions larger crops were harvested in 1909 than in 1899, in spite of a decrease in acreage. In the East North Central, Mountain, and Pacific divisions the percentages of increase in production were greater than those in acreage. In the West North Central division, where the largest crop was harvested, and in the East South Central and South Atlantic divisions the relative gain in production follows closely that in acreage. The unfavorable conditions in the Southwest are reflected by a decreased production in Oklahoma and Texas, where the acreage increased. In Kansas there was a relative decrease in production greater than that in acreage.



## FARM CROPS, BY STATES.

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## HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 42

DIVISION OR STATE.	ACREAGE.				PRODUCTION (TONS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States.....</b>	<b>72,280,776</b>	<b>61,691,069</b>	<b>10,589,707</b>	<b>17.2</b>	<b>97,453,735</b>	<b>79,251,562</b>	<b>18,202,173</b>	<b>23.0</b>	<b>\$824,004,877</b>	<b>\$484,254,703</b>	<b>\$339,750,174</b>	<b>70.2</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	3,797,598	4,050,025	-252,427	-6.2	4,659,906	4,576,865	83,041	1.8	59,112,700	43,662,239	15,450,461	35.4
Middle Atlantic.....	8,532,793	8,869,016	-336,223	-3.8	11,302,178	10,551,446	750,732	7.1	130,611,620	98,297,195	32,314,425	32.9
East North Central.....	14,750,878	13,528,065	1,222,813	9.0	20,391,562	16,462,276	3,929,286	23.9	184,707,528	115,904,044	68,803,484	59.4
West North Central.....	27,398,258	22,147,977	5,250,281	23.7	36,326,167	29,696,529	6,629,638	22.3	211,305,443	105,962,362	105,343,081	99.4
South Atlantic.....	2,856,398	2,161,201	695,197	32.2	2,917,870	2,194,115	723,755	33.0	37,836,676	28,926,431	8,910,245	30.8
East South Central.....	2,487,554	1,513,370	974,184	64.4	2,565,716	1,563,909	1,001,807	64.1	29,644,661	15,079,741	13,564,920	84.4
West South Central.....	3,276,291	2,370,292	905,999	38.2	3,383,010	3,519,416	-136,406	-3.9	29,783,321	14,583,492	15,199,829	104.2
Mountain.....	4,965,543	3,582,500	1,382,983	38.6	8,600,736	5,707,443	2,893,293	50.7	66,442,108	29,424,095	37,017,413	125.8
Pacific.....	4,215,463	3,468,563	746,900	21.5	7,306,590	4,979,563	2,327,027	46.7	74,560,820	31,414,504	43,146,316	137.3
<b>NEW ENGLAND:</b>												
Maine.....	1,255,011	1,270,254	-15,243	-1.2	1,113,095	1,133,932	-20,837	-1.8	15,115,821	10,641,546	4,474,275	42.0
New Hampshire.....	529,817	615,042	-85,225	-13.9	582,454	653,265	-70,811	-10.8	7,846,143	6,336,252	1,509,891	23.8
Vermont.....	1,030,618	1,006,375	24,243	2.4	1,502,730	1,329,972	172,758	13.0	16,335,530	10,544,825	5,790,705	54.9
Massachusetts.....	519,503	610,023	-90,520	-14.8	831,955	848,950	-16,995	-2.0	11,280,989	9,056,854	2,224,135	24.6
Rhode Island.....	61,327	69,776	-8,449	-12.1	80,306	75,410	4,896	6.5	1,309,717	1,081,482	228,235	21.1
Connecticut.....	401,322	478,555	-77,233	-16.1	549,366	535,336	14,030	2.6	7,224,500	6,001,280	1,223,220	20.4
<b>MIDDLE ATLANTIC:</b>												
New York.....	5,043,373	5,154,965	-111,592	-2.2	7,055,429	6,319,475	735,954	11.6	77,360,645	55,237,446	22,123,199	40.1
New Jersey.....	401,315	444,610	-43,295	-9.7	569,442	465,137	104,305	22.4	7,627,402	5,544,970	2,082,432	37.6
Pennsylvania.....	3,088,105	3,269,441	-181,336	-5.5	3,677,307	3,766,834	-89,527	-2.4	45,623,573	37,514,770	8,108,794	21.6
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	3,306,461	3,015,261	291,200	9.7	4,521,409	3,629,722	891,687	24.6	42,357,364	29,047,532	13,309,832	45.8
Indiana.....	2,300,579	2,442,414	-141,835	-5.8	2,880,104	2,905,608	-25,504	-0.9	24,883,461	20,227,197	4,656,264	23.0
Illinois.....	3,349,435	3,343,910	5,525	0.2	4,354,466	3,948,563	405,903	10.3	40,560,220	25,568,619	14,991,601	58.6
Michigan.....	2,715,301	2,328,498	386,803	16.6	3,632,939	2,703,214	929,725	34.4	36,040,967	21,792,987	14,247,980	65.4
Wisconsin.....	3,079,102	2,397,982	681,120	28.4	5,002,644	3,275,169	1,727,475	52.7	40,866,396	19,267,709	21,598,687	112.1
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	3,946,072	3,157,690	788,382	25.0	6,036,747	4,339,328	1,697,419	39.1	26,724,801	14,585,281	12,139,520	83.2
Iowa.....	5,046,185	4,649,378	396,807	8.5	7,823,181	6,600,169	1,223,012	18.5	59,360,225	30,042,246	29,317,979	97.6
Missouri.....	3,628,348	3,481,506	146,842	4.2	4,091,342	4,062,199	29,143	0.7	33,845,094	20,467,501	13,377,593	65.4
North Dakota.....	2,864,218	1,410,534	1,453,684	103.1	3,010,401	1,747,390	1,263,011	72.3	12,368,014	5,182,917	7,185,097	138.6
South Dakota.....	3,435,656	2,287,875	1,147,781	50.2	3,651,024	2,378,392	1,272,632	53.5	15,243,664	5,954,229	9,289,435	156.0
Nebraska.....	4,520,034	2,823,652	1,696,382	60.1	5,776,475	3,502,380	2,274,095	64.9	31,729,691	11,230,901	20,498,790	182.5
Kansas.....	3,957,745	4,337,342	-379,597	-8.8	5,936,997	7,066,671	-1,129,674	-16.0	32,033,954	18,499,287	13,534,667	73.2
<b>SOUTH ATLANTIC:</b>												
Delaware.....	80,669	74,800	5,869	7.8	103,575	79,303	24,272	30.6	1,174,473	989,848	184,625	18.7
Maryland.....	398,842	374,848	23,994	6.4	477,564	415,197	62,367	15.0	6,011,749	4,709,072	1,302,677	27.7
District of Columbia.....	962	1,228	-266	-21.7	2,148	2,241	-93	-4.2	25,633	23,772	2,861	12.6
Virginia.....	773,577	612,962	160,615	26.2	823,383	627,979	195,404	31.1	10,256,998	7,670,082	2,586,916	33.7
West Virginia.....	708,900	601,935	106,965	17.8	639,104	541,084	98,020	18.1	7,492,747	5,517,073	1,975,674	35.8
North Carolina.....	375,795	229,998	145,797	63.4	399,332	246,820	152,512	49.6	4,781,562	4,242,561	539,001	12.7
South Carolina.....	209,767	106,124	103,643	97.7	186,131	108,886	77,245	70.9	3,189,122	2,304,734	884,388	38.4
Georgia.....	253,157	137,312	115,845	84.4	261,333	150,224	111,109	74.0	4,056,907	3,034,992	1,021,915	33.7
Florida.....	54,729	21,994	32,735	148.8	55,300	22,381	32,919	147.1	847,485	435,297	412,188	94.7
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	966,377	683,139	283,238	41.5	957,241	655,066	302,175	46.1	10,306,344	6,100,647	4,205,697	68.9
Tennessee.....	1,052,816	645,617	407,199	63.1	1,077,836	679,450	398,386	58.6	12,617,538	6,811,577	5,805,961	85.2
Alabama.....	238,656	85,353	153,303	179.6	251,403	100,061	151,342	151.2	3,357,132	1,707,638	1,649,494	96.6
Mississippi.....	229,705	99,261	130,444	131.4	279,236	129,332	149,904	115.9	3,363,647	1,450,879	1,903,768	130.4
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	435,915	239,426	196,489	82.1	461,817	271,616	190,201	70.0	4,887,139	1,913,163	2,973,976	155.4
Louisiana.....	180,811	97,136	83,675	86.1	245,815	163,443	82,372	50.4	2,433,101	1,353,118	1,079,983	79.8
Oklahoma.....	1,347,598	1,095,706	251,892	23.0	1,417,533	1,617,905	-200,372	-12.4	9,638,648	4,022,761	5,615,887	139.6
Texas.....	1,311,967	938,024	373,943	39.9	1,257,845	1,466,452	-208,607	-14.2	12,824,433	7,294,450	5,529,983	75.8
<b>MOUNTAIN:</b>												
Montana.....	1,135,376	875,712	259,664	29.7	1,602,656	1,059,268	543,388	59.8	12,344,606	5,974,850	6,369,756	106.6
Idaho.....	732,886	513,656	219,230	42.7	1,584,365	899,125	685,240	76.2	12,099,963	4,238,993	7,860,970	185.4
Wyoming.....	585,386	380,769	204,617	53.7	853,515	462,101	391,414	84.7	6,077,354	2,332,028	3,745,326	160.6
Colorado.....	1,285,064	962,214	322,850	35.0	2,241,566	1,643,347	598,219	36.4	17,282,276	8,159,279	9,122,997	111.8
New Mexico.....	368,409	87,358	281,051	321.7	431,053	195,324	235,729	120.7	4,469,709	1,427,317	3,042,392	213.2
Arizona.....	102,490	92,674	9,816	10.6	259,750	177,504	82,246	46.3	2,553,228	1,362,112	1,191,116	87.4
Utah.....	405,394	388,043	17,351	4.5	1,015,913	850,962	164,951	19.4	7,429,901	3,862,820	3,567,081	92.3
Nevada.....	350,538	292,134	58,404	20.0	521,918	419,812	102,106	24.3	4,185,071	2,067,296	2,117,775	102.4
<b>PACIFIC:</b>												
Washington.....	742,137	497,139	244,998	49.3	1,391,664	826,897	564,767	68.3	17,147,648	5,831,088	11,316,560	194.1
Oregon.....	939,979	731,823	208,156	28.4	1,587,796	1,117,400	470,396	42.1	15,225,957	6,147,018	9,078,939	147.7
California.....	2,533,347	2,239,601	293,746	13.1	4,327,130	3,035,266	1,291,864	42.6	42,187,215	19,436,398	22,750,817	117.1

† Includes Indian Territory.



A considerable increase is noted in the average value per ton in 1909 (\$8.46) as compared with 1899 (\$5.76), and this combined with a larger yield per acre resulted in an even greater advance in the value of the crop per acre. As a result of this fact, together with the large increase in acreage, the total value of the hay and

forage crop in 1909 was greatly in excess of that in 1899, representing an increase of \$339,750,000, or 70.2 per cent.

The component elements of the hay and forage crop and their distribution among the several geographic divisions are exhibited in Table 43.

Table 43

ACREAGE OF HAY AND FORAGE AND THE CLASSES THEREOF: 1909

DIVISION OR SECTION.	All hay and forage.	Timothy alone.	Timothy and clover mixed.	Clover alone.	Alfalfa.	Millet or Hungarian grass.	Other tame or cultivated grasses.	Wild, salt, or prairie grasses.	Grains cut green.	Coarse forage.	Root forage.
<b>United States</b> .....	<b>72,280,776</b>	<b>14,686,393</b>	<b>19,542,382</b>	<b>2,443,263</b>	<b>4,707,146</b>	<b>1,117,769</b>	<b>4,218,957</b>	<b>17,180,522</b>	<b>4,324,878</b>	<b>4,034,432</b>	<b>19,034</b>
New England.....	3,797,598	595,037	1,756,188	15,097	1,255	32,625	1,100,999	99,968	79,404	116,623	402
Middle Atlantic.....	8,532,793	2,306,312	4,818,714	158,532	41,664	26,285	649,086	108,292	72,228	350,697	983
East North Central.....	14,750,878	6,192,134	5,508,367	1,168,404	90,220	78,322	290,262	588,066	166,318	666,620	2,165
West North Central.....	27,398,258	3,942,465	5,671,387	546,537	1,778,369	581,212	464,071	12,956,493	242,044	1,314,807	873
South Atlantic.....	2,856,398	650,159	917,313	148,312	8,710	30,423	390,176	104,800	506,161	100,141	203
East South Central.....	2,487,554	473,619	428,163	287,367	41,784	122,550	574,795	119,025	340,829	99,404	18
West South Central.....	3,276,261	48,779	79,774	28,853	290,157	183,046	239,018	1,064,778	305,267	1,036,556	33
Mountain.....	4,965,543	335,699	228,273	23,310	1,755,526	59,595	330,559	1,645,734	275,606	302,826	8,315
Pacific.....	4,215,463	142,189	234,203	66,851	699,461	3,711	179,961	499,366	2,336,991	46,658	6,042
<b>The North</b> .....	<b>54,479,527</b>	<b>13,035,948</b>	<b>17,654,656</b>	<b>1,888,570</b>	<b>1,911,508</b>	<b>718,444</b>	<b>2,504,418</b>	<b>13,752,819</b>	<b>559,994</b>	<b>2,448,747</b>	<b>4,423</b>
<b>The South</b> .....	<b>8,620,243</b>	<b>1,172,557</b>	<b>1,425,250</b>	<b>464,532</b>	<b>349,651</b>	<b>336,019</b>	<b>1,203,989</b>	<b>1,288,603</b>	<b>1,152,287</b>	<b>1,236,101</b>	<b>254</b>
<b>The West</b> .....	<b>9,181,006</b>	<b>477,888</b>	<b>462,476</b>	<b>90,161</b>	<b>2,454,987</b>	<b>63,306</b>	<b>510,560</b>	<b>2,145,100</b>	<b>2,612,597</b>	<b>349,584</b>	<b>14,357</b>
East of the Mississippi.....	32,425,221	10,217,261	13,428,745	1,777,712	183,633	290,205	3,005,318	1,020,151	1,164,940	1,333,485	3,771
West of the Mississippi.....	39,855,555	4,469,132	6,113,637	665,551	4,523,513	827,564	1,213,639	16,166,371	3,159,938	2,700,947	15,263

The most prominent classes included in the table are, in the order of importance as measured by acreage, timothy and clover mixed, "wild, salt, or prairie grasses," "timothy alone," alfalfa, grains cut green, "other tame or cultivated grasses," and coarse forage.

The table brings out clearly the predominance of the North in the growing of hay and forage, the area devoted to these crops being over six times as great in the North as in the South. In the West, also, a somewhat larger area is devoted to these crops than in the South. The predominance of the North is evident in the case of each of the individual crops except alfalfa, grains cut green, and root forage, which are more extensively grown in the West than elsewhere; these crops, together with "wild, salt, or prairie grasses," are the only hay and forage crops that cover a greater acreage in the West than in the South. In the West South Central division there is a considerable acreage of "wild, salt, or prairie

grasses" and about the same acreage of coarse forage, which, however, forms a much larger proportion of the total, causing the division to rank second in the acreage of the latter crop.

More than half of the entire acreage in hay and forage is west of the Mississippi River, but the individual crops are quite differently distributed. East of the Mississippi is found by far the greater part of the acreage devoted to timothy alone, clover alone, timothy and clover mixed, and "other tame or cultivated grasses." These classes cover an aggregate of 40,891,000 acres, of which 28,429,000 are east of the Mississippi River.

Of the other hay and forage crops included in this table, the greater part of the acreage is west of the Mississippi River. This excess is considerable in the case of the important group of "wild, salt, or prairie grasses" and of alfalfa, but is not so marked for the other hay and forage crops.

#### VEGETABLES.

**Potatoes (Table 46).**—Potatoes were harvested in 1909 from 3,669,000 acres, as compared with 2,939,000 acres in 1899, an increase of 24.8 per cent. On the other hand, the production of potatoes increased 42.4 per cent, being in 1909, 389,000,000 bushels, and in 1899, 273,000,000 bushels, while the value of the crop increased in still greater degree, from \$98,000,000 in 1899 to \$166,000,000 in 1909, or 69.2 per cent. The crop occupied 0.8 per cent of the total acreage of improved farm land in 1909, and represented 3 per cent of the value of all crops. There is a considerable acreage of potatoes in each of the geographic divisions, but more than three-fourths of the entire acreage is in the four northern divisions. Among the states, New York has the largest acreage, closely followed by Michigan.

The increase in the acreage of potatoes between 1899 and 1909 for the United States as a whole was 730,000 acres, or 24.8 per cent, in which increase all divisions shared to some extent. Both in the East North Central and in the West North Central divisions there were nearly 150,000 acres added to the area harvested. Conspicuous gains in aggregate acreage are also noted in the Mountain, South Atlantic, and Pacific divisions. The percentage of increase in potato acreage is greatest in the Mountain division, where the acreage more than doubled. The four divisions constituting the North increased their potato acreage less rapidly than the rest of the country. The New England division is the only one in this section in which the rate of increase for the decade was greater than the average for the United States as a whole.



Table 44 gives percentages and averages derived mainly from Table 46.

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHEL PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States....	100.0	0.8	106.1	93.0	\$0.43	\$0.36	\$45.36	\$33.48
New England.....	6.4	3.2	176.9	130.3	0.42	0.43	74.89	56.05
Middle Atlantic.....	19.9	2.5	107.5	95.2	0.48	0.41	51.13	39.24
East North Central..	30.1	1.2	100.9	84.6	0.34	0.31	33.84	26.64
West North Central..	21.4	0.5	91.9	95.4	0.42	0.26	38.39	24.36
South Atlantic.....	6.5	0.5	92.2	77.2	0.64	0.55	58.77	42.49
East South Central..	3.3	0.3	82.1	63.0	0.61	0.52	49.70	33.04
West South Central..	3.2	0.2	63.0	66.8	0.73	0.50	46.19	33.33
Mountain.....	4.6	1.1	142.8	112.8	0.36	0.41	51.36	46.43
Pacific.....	4.6	0.8	131.4	129.2	0.45	0.41	58.71	53.06
New York.....	10.7	2.7	123.2	96.2	0.42	0.39	51.58	37.96
Michigan.....	10.0	2.8	104.6	75.3	0.26	0.29	27.13	21.67
Wisconsin.....	7.9	2.4	110.2	95.9	0.25	0.24	27.29	22.68
Pennsylvania.....	7.1	2.1	83.0	95.5	0.55	0.43	45.70	41.24
Minnesota.....	6.1	1.1	119.8	99.8	0.29	0.23	34.36	23.24
Ohio.....	5.8	1.1	95.5	81.8	0.46	0.42	44.07	34.31
Iowa.....	4.6	0.6	86.8	98.4	0.45	0.22	39.10	22.01
Illinois.....	3.8	0.5	88.1	94.9	0.53	0.36	46.37	34.46
Maine.....	3.7	5.8	210.3	135.7	0.36	0.38	75.29	51.72
Nebraska.....	3.0	0.5	73.0	97.8	0.47	0.22	34.05	21.71

Potatoes are grown on less than 1 per cent of the improved farm land of the country, but in the New England division the proportion exceeds 3 per cent and in the Middle Atlantic division it exceeds 2 per cent. Among the leading states Maine shows much the highest proportion of improved farm land devoted to potatoes, 5.8 per cent. Aroostook County, Me., far exceeds any other county in the United States in the production of potatoes.

The yield per acre in 1909 for the United States, 106.1 bushels, was greatly exceeded in the New England division. High yields were also reported in the Mountain and Pacific divisions, while the Middle Atlantic and East North Central divisions conformed more closely to the average. Among the chief producing states, Maine shows an extraordinary yield per acre, but the other states do not depart so widely from the general average. The yield per acre was greater in 1909 than in 1899 in the United States as a whole and in all divisions except the West North Central and West South Central.

The value per bushel was higher in 1909 than in 1899 in the country as a whole and in all but two of the divisions, but the increase was much less marked than in the case of the cereal crops. The average value of the crop per acre, by reason of the increased average yield, increased to a somewhat greater degree than the average value per bushel.

Sweet potatoes and yams (Table 47).—The acreage of this crop in 1909, 641,000, was greater by nearly one-fifth than that of 1899, 537,000. The absolute increase was not widely different in the three southern divisions, though it was smallest in the South Atlantic and greatest in the West South Central. There was a wider difference in the percentage of increase, which was over three times as great in the West South Central division as in the South Atlantic. The greatest absolute gain in acreage in any state was in Louisiana.

The production in 1909 was 59,232,000 bushels and in 1899, 42,517,000 bushels, the increase for the decade being 39.3 per cent, a relative gain twice as great as that in acreage. The greatest absolute gain was in the South Atlantic division, but the percentage of gain was less than that in either of the other southern divisions, though not so much smaller as in the case of acreage.

In the value of the yield there was a great increase, the aggregate crop of 1909 being valued at \$35,429,000 (equal to 0.6 per cent of the value of all crops), or 78.3 per cent more than that of 1899. In the East South Central division the value was more than twice as great, and in the West South Central division nearly twice as great, as in 1899. In the South Atlantic division the aggregate value of the crop was three-fourths greater than in 1899.

Including insignificant areas in the New England and Mountain divisions, sweet potatoes and yams, as shown by Table 47, are represented in all divisions, though the three southern divisions, led by the South Atlantic, contained in 1909 over 90 per cent of the entire acreage of this crop. In these divisions North Carolina and Georgia had each somewhat over 84,000 acres in sweet potatoes and yams, while Alabama, Mississippi, and Louisiana likewise had acreages in excess of 50,000. Table 45 gives figures derived mainly from Table 47.

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHEL PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States....	100.0	0.1	92.4	79.1	\$0.60	\$0.47	\$55.25	\$36.98
Middle Atlantic.....	3.7	0.1	139.0	110.4	0.49	0.51	68.51	55.99
East North Central..	2.1	(1)	102.6	65.2	0.55	0.62	56.54	40.26
West North Central..	2.4	(1)	110.3	84.4	0.65	0.54	71.24	45.62
South Atlantic.....	46.1	0.6	100.1	82.9	0.54	0.42	54.57	34.80
East South Central..	25.1	0.4	84.4	69.3	0.67	0.52	56.71	35.83
West South Central..	19.7	0.2	71.4	73.4	0.69	0.50	49.57	36.09
All other divisions..	0.9	(1)	(2)	(2)	(2)	(2)	(2)	(2)
North Carolina.....	13.2	1.0	100.2	84.1	0.51	0.37	51.14	30.84
Georgia.....	13.1	0.7	88.4	72.0	0.59	0.46	51.76	33.34
Alabama.....	10.4	0.7	79.8	68.0	0.67	0.49	53.72	33.17
Louisiana.....	8.9	1.1	74.6	68.2	0.55	0.46	41.40	31.41
Mississippi.....	8.7	0.6	79.0	73.8	0.69	0.52	54.84	38.21

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Not calculated because of unimportance of crop.

It will be noted that the South Atlantic division is the only geographic division in which these crops are grown on as much as one-half of 1 per cent of the improved farm land. An average yield of 92.4 bushels per acre was reported for the country as a whole in 1909. This was exceeded in the leading division, the South Atlantic, but was not attained in either of the other southern divisions, where the acreage was considerable. In both the South Atlantic and the East South Central divisions the yield per acre was greater in 1909 than in 1899. Better prices were obtained in 1909 than in 1899, and this, combined with larger average yields, brought about a considerably higher value per acre for the crop, which was common to all divisions.



## ABSTRACT OF THE CENSUS—AGRICULTURE

## POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 46 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States</b> .....	3,668,855	2,938,778	730,077	24.8	389,194,965	273,318,167	115,876,798	42.4	\$166,423,910	\$98,380,110	\$68,043,800	69.2
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	233,095	180,025	53,070	29.5	41,245,977	23,466,222	17,779,755	75.8	17,456,938	10,092,191	7,364,747	73.0
Middle Atlantic.....	729,323	676,403	52,920	7.8	78,395,736	64,372,759	14,022,977	21.8	37,292,509	26,608,645	10,683,864	40.1
East North Central.....	1,106,032	957,193	148,839	15.5	111,606,777	80,988,131	30,618,646	37.8	37,427,211	25,501,069	11,926,142	46.8
West North Central.....	783,813	637,184	146,629	23.0	72,067,551	60,812,316	11,255,235	18.5	30,088,015	15,524,932	14,563,083	93.8
South Atlantic.....	239,762	157,481	82,281	52.2	22,102,630	12,150,748	9,951,882	81.9	14,091,735	6,691,072	7,400,663	110.6
East South Central.....	119,541	80,138	39,403	49.2	9,816,160	5,051,854	4,764,306	94.3	5,940,784	2,647,924	3,292,860	124.4
West South Central.....	117,761	72,876	44,885	61.6	7,413,887	4,867,562	2,546,325	52.3	5,439,504	2,428,721	3,010,783	124.0
Mountain.....	109,678	80,226	29,452	31.5	24,232,109	9,046,736	15,185,373	167.9	8,715,380	3,725,046	4,990,334	134.0
Pacific.....	169,850	97,252	72,598	74.6	22,314,138	12,561,839	9,752,299	77.6	9,971,834	5,160,510	4,811,324	93.2
<b>NEW ENGLAND:</b>												
Maine.....	135,799	71,765	64,034	89.2	28,556,837	9,813,748	18,743,089	191.0	10,224,714	3,711,999	6,512,715	175.5
New Hampshire.....	17,370	19,422	-2,052	-10.6	2,360,241	2,420,668	-60,427	-2.5	1,204,626	1,090,495	114,131	10.5
Vermont.....	26,859	28,353	-1,494	-5.3	4,145,630	3,547,829	597,801	16.8	1,743,049	1,333,730	409,319	30.7
Massachusetts.....	24,459	27,521	-3,062	-11.1	2,946,178	3,346,590	-400,412	-12.0	1,993,923	1,800,937	192,986	10.7
Rhode Island.....	4,649	5,816	-1,167	-20.1	552,677	843,853	-291,176	-34.5	408,429	440,372	-31,943	-7.3
Connecticut.....	23,959	27,148	-3,189	-11.7	2,684,414	3,493,534	-809,120	-23.2	1,882,197	1,714,658	167,539	9.8
<b>MIDDLE ATLANTIC:</b>												
New York.....	394,319	395,640	-1,321	-0.3	48,597,701	38,060,471	10,537,230	27.7	20,338,766	15,019,135	5,319,631	35.4
New Jersey.....	72,991	52,896	20,095	38.0	8,057,424	4,542,816	3,514,608	77.4	4,979,900	2,192,456	2,787,444	127.1
Pennsylvania.....	262,013	227,867	34,146	15.0	21,740,611	21,769,472	-28,861	-0.1	11,973,843	9,397,054	2,576,789	27.4
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	212,803	167,590	45,213	27.0	20,322,984	13,709,238	6,613,746	48.2	9,377,955	5,750,068	3,627,887	63.1
Indiana.....	99,504	84,245	15,259	18.1	8,905,679	6,209,080	2,696,599	43.4	3,816,126	2,463,074	1,353,052	54.9
Illinois.....	138,052	136,464	1,588	1.2	12,166,091	12,951,871	-785,780	-6.1	6,401,598	4,702,033	1,699,565	36.1
Michigan.....	365,483	311,963	53,520	17.2	38,243,828	23,476,444	14,767,384	62.9	9,913,778	6,759,342	3,154,436	46.7
Wisconsin.....	290,185	256,931	33,254	12.9	31,968,195	24,641,498	7,326,697	29.7	7,917,754	5,826,552	2,091,202	35.9
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	223,632	146,659	77,033	52.5	26,802,948	14,643,327	12,159,621	83.0	7,685,259	3,408,997	4,276,262	125.4
Iowa.....	169,567	175,888	-6,321	-3.6	14,710,247	17,305,919	-2,595,672	-15.0	6,629,234	3,870,746	2,758,488	71.3
Missouri.....	96,259	93,915	2,344	2.5	7,796,410	7,786,623	9,787	0.1	4,470,135	2,756,695	1,713,440	62.2
North Dakota.....	54,067	21,936	32,131	146.5	5,551,430	2,257,350	3,294,080	145.9	2,079,125	587,498	1,491,627	253.9
South Dakota.....	50,052	33,567	16,485	49.1	3,441,692	2,909,914	531,778	18.3	1,967,550	680,530	1,287,020	189.1
Nebraska.....	111,151	79,901	31,250	39.1	8,117,775	7,817,438	300,337	3.8	3,785,224	1,734,666	2,050,558	118.2
Kansas.....	79,025	83,318	-4,293	-7.4	5,647,049	8,091,745	-2,444,696	-30.2	3,471,488	2,483,800	987,688	39.7
<b>SOUTH ATLANTIC:</b>												
Delaware.....	9,703	5,755	3,948	68.6	880,360	414,610	465,750	112.3	453,400	221,411	231,989	104.8
Maryland.....	39,299	26,472	12,827	48.5	3,444,311	1,991,357	1,452,954	73.0	1,782,954	1,020,003	762,951	74.8
District of Columbia.....	226	194	32	16.5	32,028	15,586	16,442	105.5	20,231	9,546	10,685	111.9
Virginia.....	86,927	51,021	35,906	70.4	8,770,778	4,469,672	4,301,106	98.9	5,667,557	2,494,627	3,172,930	127.2
West Virginia.....	42,621	30,123	12,498	41.5	4,077,066	2,245,821	1,831,245	81.5	2,278,638	1,133,381	1,145,257	101.1
North Carolina.....	31,990	23,619	8,371	35.4	2,372,260	1,636,445	735,815	45.0	1,755,413	862,509	892,904	103.5
South Carolina.....	8,610	8,068	542	6.7	782,430	651,916	130,514	20.0	609,424	435,468	173,956	39.9
Georgia.....	11,877	8,477	3,400	40.1	880,430	553,129	327,301	60.3	684,427	326,833	357,594	109.4
Florida.....	8,509	3,752	4,757	126.8	856,967	232,212	624,755	269.0	839,691	187,274	652,417	348.4
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	55,750	37,160	18,590	50.0	5,120,141	2,661,774	2,458,367	92.4	2,724,043	1,260,100	1,463,943	116.2
Tennessee.....	40,963	27,103	13,860	51.1	2,922,713	1,404,097	1,518,616	108.2	1,790,233	817,419	972,814	119.0
Alabama.....	14,486	9,505	4,981	52.4	1,128,564	587,711	540,853	92.0	884,497	324,628	559,869	172.5
Mississippi.....	8,342	6,370	1,972	31.0	644,742	398,272	246,470	61.9	542,011	245,777	296,234	120.5
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	29,719	26,486	3,233	12.2	2,096,893	1,783,969	312,924	17.5	1,439,991	855,140	584,851	68.4
Louisiana.....	19,655	9,220	10,435	113.2	1,183,525	549,280	634,245	115.5	924,311	309,082	615,229	199.0
Oklahoma.....	32,295	15,360	16,935	110.3	1,897,486	1,191,997	705,489	59.2	1,250,052	539,354	710,698	131.8
Texas.....	36,092	21,810	14,282	65.5	2,235,983	1,342,316	893,667	66.6	1,825,150	725,145	1,100,005	151.7
<b>MOUNTAIN:</b>												
Montana.....	20,710	9,613	11,097	115.4	3,240,696	1,332,062	1,908,634	143.3	1,298,830	661,163	637,667	96.4
Idaho.....	25,341	9,313	16,028	204.3	4,710,262	1,035,290	3,674,972	355.0	1,583,447	442,489	1,140,958	257.8
Wyoming.....	8,333	2,809	5,524	196.7	932,162	262,338	669,824	255.3	524,489	138,368	386,121	279.1
Colorado.....	85,839	44,075	41,764	94.8	11,780,674	4,465,748	7,314,926	163.8	3,704,768	1,717,111	1,987,657	115.8
New Mexico.....	6,230	1,122	5,108	455.3	295,255	72,613	222,642	306.6	234,636	49,552	185,084	373.5
Arizona.....	1,151	626	525	83.9	97,141	33,927	63,214	186.3	98,597	33,928	64,669	190.6
Utah.....	14,210	10,433	3,777	36.2	2,409,093	1,483,570	925,523	62.4	873,961	487,816	386,145	79.2
Nevada.....	4,864	2,235	2,629	117.6	766,826	361,188	405,638	112.3	396,652	194,619	202,033	103.8
<b>PACIFIC:</b>												
Washington.....	57,897	25,119	32,778	130.5	7,667,171	3,557,876	4,109,295	115.5	2,993,737	1,312,948	1,680,789	128.0
Oregon.....	44,265	30,035	14,230	47.4	4,822,962	3,761,367	1,061,595	28.2	2,098,648	1,210,034	888,614	73.4
California.....	67,688	42,098	25,590	60.8	9,824,005	5,242,596	4,581,409	87.4	4,879,449	2,637,528	2,241,921	85.0

¹ Includes Indian Territory.



SWEET POTATOES AND YAMS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES:  
1909 AND 1899.

[A minus sign (—) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 47

DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States.....</b>	<b>641,255</b>	<b>537,312</b>	<b>103,943</b>	<b>19.3</b>	<b>59,232,070</b>	<b>42,517,412</b>	<b>16,714,658</b>	<b>39.3</b>	<b>\$35,429,176</b>	<b>\$19,869,840</b>	<b>\$15,559,336</b>	<b>78.3</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	49	8	41	( <sup>1</sup> )	4,818	567	4,251	749.7	4,543	346	4,197	1,210.1
Middle Atlantic.....	23,923	24,104	-181	-0.8	3,326,190	2,662,046	664,144	24.9	1,638,902	1,349,588	289,314	21.4
East North Central.....	13,300	15,394	-2,094	-13.6	1,364,236	1,004,277	359,979	35.9	751,929	619,833	132,096	21.3
West North Central.....	15,381	17,660	-2,279	-12.9	1,696,111	1,494,275	204,836	13.7	1,095,724	805,669	290,055	36.0
South Atlantic.....	295,879	263,925	31,954	12.1	29,628,153	21,881,977	7,746,176	35.4	16,146,222	9,183,650	6,962,572	75.8
East South Central.....	160,756	126,586	34,170	27.0	13,573,580	8,772,133	4,801,447	54.7	9,116,510	4,536,187	4,580,323	101.0
West South Central.....	126,407	87,780	38,627	44.0	9,025,928	6,439,547	2,586,381	40.2	6,265,750	3,220,595	3,045,155	94.6
Mountain.....	439	169	270	159.8	38,877	19,064	19,813	103.9	52,596	14,207	38,389	270.2
Pacific.....	5,121	1,686	3,435	203.7	574,157	246,526	327,631	132.9	357,000	139,765	217,235	155.4
<b>MIDDLE ATLANTIC:</b>												
New Jersey.....	22,504	20,588	1,916	9.3	3,186,499	2,418,641	767,858	31.7	1,527,074	1,213,010	314,064	25.9
Pennsylvania.....	1,906	3,443	-2,137	-62.1	128,770	234,724	-105,954	-45.1	104,434	130,990	-26,556	-20.3
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1,143	3,796	-2,653	-69.9	133,798	249,767	-115,969	-46.4	104,181	158,103	-53,922	-34.1
Indiana.....	1,561	3,989	-2,428	-60.9	178,300	239,487	-61,187	-25.5	139,886	155,585	-15,699	-10.1
Illinois.....	10,568	7,534	3,034	40.3	1,050,932	511,695	539,237	105.4	506,700	303,638	203,122	66.9
<b>WEST NORTH CENTRAL:</b>												
Iowa.....	2,274	2,688	-414	-15.4	232,413	224,622	7,791	3.5	125,763	128,981	-3,218	-2.5
Missouri.....	7,938	9,844	-1,906	-19.4	876,234	743,377	132,857	17.9	567,413	424,470	142,943	33.7
Kansas.....	4,883	4,570	313	6.8	558,021	474,810	83,211	17.5	373,432	224,049	149,383	66.7
<b>SOUTH ATLANTIC:</b>												
Delaware.....	5,229	2,265	2,964	130.9	733,746	222,165	511,581	230.3	276,679	96,566	180,113	186.5
Maryland.....	7,956	6,469	1,487	23.0	1,065,956	677,848	388,108	57.3	483,751	317,462	166,289	52.4
Virginia.....	40,838	40,681	157	0.4	5,270,202	4,470,602	799,600	17.9	2,681,472	1,720,188	961,284	55.9
West Virginia.....	2,079	3,393	-1,314	-38.7	215,582	202,424	13,158	6.5	170,086	125,523	44,563	35.5
North Carolina.....	84,740	68,730	16,010	23.3	8,493,283	5,781,587	2,711,696	46.9	4,333,297	2,119,956	2,213,341	104.4
South Carolina.....	48,878	48,831	47	0.1	4,319,926	3,369,957	949,969	28.2	2,606,606	1,538,205	1,068,401	69.5
Georgia.....	84,038	70,620	13,418	19.0	7,426,131	5,087,674	2,338,457	46.0	4,349,806	2,354,390	1,995,416	84.8
Florida.....	21,995	22,791	-796	-3.5	2,083,665	2,049,784	33,881	1.7	1,231,238	898,282	332,956	37.1
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	11,882	14,178	-2,296	-16.2	1,326,245	925,786	400,459	43.3	839,454	507,038	332,416	65.6
Tennessee.....	26,216	23,374	2,842	12.2	2,504,490	1,571,575	932,915	59.4	1,625,056	883,620	741,436	83.9
Alabama.....	66,613	50,865	15,748	31.0	5,314,857	3,457,386	1,857,471	53.7	3,578,710	1,687,039	1,891,671	112.1
Mississippi.....	56,045	38,169	17,876	46.8	4,427,988	2,817,386	1,610,602	57.2	3,073,290	1,458,490	1,614,800	110.7
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	22,388	13,271	9,117	68.7	1,685,308	998,767	686,541	68.7	1,359,669	534,616	825,053	154.3
Louisiana.....	56,953	27,372	29,581	108.1	4,251,086	1,865,482	2,385,604	127.9	2,357,729	859,733	1,497,996	174.2
Oklahoma.....	5,056	13,576	-1,480	-41.4	359,451	276,163	83,288	30.2	350,553	137,231	213,322	155.4
Texas.....	42,010	43,561	-1,551	-3.6	2,730,083	3,299,135	-569,052	-17.2	2,197,799	1,689,015	508,784	30.1
<b>PACIFIC:</b>												
California.....	5,111	1,607	3,504	218.0	572,814	239,029	333,785	139.6	355,624	135,612	220,012	162.2

<sup>1</sup> Per cent not calculated where base is less than 100.<sup>2</sup> Includes Indian Territory.

**Other vegetables (Table 48).**—Except for potatoes and sweet potatoes and yams, which are generally grown in considerable quantities, it is practically impossible to obtain a correct total of the acreage, production, or value of individual kinds of vegetables. Enumerators were instructed to obtain from every farm a separate report for any vegetable grown for sale in considerable quantities, and in all cases to ascertain the total acreage in vegetables of all classes combined, whether grown for farm use or for sale, and the total value of the product. It is scarcely likely, however, that the total acreage and value reported are as accurate in the case of vegetables as in the case of the major crops, since on many farms the production of vegetables is practically confined

to small kitchen gardens. In fact, 707,763 farms reported farm gardens in which vegetables other than potatoes were grown for farm use, but failed to give any acreage or value. In all probability, therefore, the totals obtained from the returns are understated.

In tabulating the statistics the Census Bureau has distinguished between farms which reported the production in 1909 of vegetables (other than potatoes and sweet potatoes and yams) valued at \$500 or more and those on which the product was valued at less than that amount. Farms of the former group usually produce vegetables chiefly for sale, while on a large proportion of the other farms they are raised primarily, if not exclusively, for home consumption.



The acreage of vegetables covered by the table was 2,763,269 in 1909, which was equal to 0.6 per cent of the total improved farm acreage of the country, and was 27.8 per cent greater than the acreage reported 1899. The value of the vegetables reported increased from \$120,282,000 in 1899 to \$216,257,000 in 1909, or 79.8 per cent, and in 1909 constituted 3.9 per cent of the total value of farm crops.

The acreage of vegetables on farms which produced at least \$500 worth of vegetables amounted in 1909 to

566,517, or a little over one-fifth of the total acreage in vegetables, but the value of the vegetables grown on such farms, \$60,105,000, represented 27.8 per cent of the total value reported.

As judged by the acreage and by the value of the product, the South Atlantic was the most important division in the production of miscellaneous vegetables, the East North Central ranking second. The production of vegetables is, however, widely distributed over the entire country.

#### VEGETABLES (EXCLUDING POTATOES AND SWEET POTATOES AND YAMS)—ACREAGE AND VALUE.

Table 48	PRODUCED ON ALL FARMS TAKEN TOGETHER.				PRODUCED ON FARMS REPORTING A PRODUCT VALUED AT \$500 OR OVER: 1909		DIVISION OR STATE.	PRODUCED ON ALL FARMS TAKEN TOGETHER.				PRODUCED ON FARMS REPORTING A PRODUCT VALUED AT \$500 OR OVER: 1909	
	Acreage.		Value.		Acreage.	Value.		Acreage.		Value.		Acreage.	Value.
	1909	1899	1909	1899				1909	1899	1909	1899		
United States.	2,763,269	2,162,130	\$216,257,065	\$120,261,811	566,517	\$60,104,504							
GEOGRAPHIC DIVS.:							SOUTH ATLANTIC:						
New England...	101,436	79,793	12,888,885	7,808,535	27,380	5,987,028	Delaware.....	22,939	23,987	\$1,102,620	\$826,244	3,710	\$239,450
Middle Atlantic...	355,740	301,223	33,543,797	21,981,048	129,547	15,458,878	Maryland.....	108,084	100,403	5,729,400	3,978,267	59,762	2,713,405
E. N. Central...	519,003	406,704	39,164,621	21,890,473	106,443	10,532,517	Dist. Columbia..	964	985	167,376	87,616	862	154,729
W. N. Central...	369,447	328,731	24,078,158	15,081,722	36,410	2,937,542	Virginia.....	124,354	99,002	8,989,467	4,868,459	19,512	1,875,624
South Atlantic...	696,832	459,705	42,605,737	21,678,980	144,088	11,707,673	West Virginia..	43,524	29,290	4,519,894	1,697,028	1,759	193,266
E. S. Central...	345,753	265,453	26,551,035	13,338,645	15,999	1,684,997	North Carolina..	95,980	64,598	6,496,308	3,121,492	6,281	440,363
W. S. Central...	274,173	217,223	18,553,851	10,699,689	29,036	3,025,167	South Carolina..	51,994	40,771	3,705,991	2,091,174	9,228	797,547
Mountain.....	74,163	40,704	6,546,672	2,828,751	16,240	2,308,016	Georgia.....	91,413	73,907	5,580,368	3,053,898	9,492	596,069
Pacific.....	126,702	62,594	12,324,312	4,973,968	61,374	6,462,686	Florida.....	57,600	26,762	6,314,313	1,954,802	33,482	4,697,220
NEW ENGLAND:							E. S. CENTRAL:						
Maine.....	25,288	20,012	2,153,003	1,245,235	1,534	277,204	Kentucky.....	115,007	83,634	8,287,497	4,418,816	4,227	447,345
New Hampshire..	8,855	7,357	1,071,551	627,271	904	158,447	Tennessee.....	100,055	75,408	7,015,686	3,445,553	3,624	343,784
Vermont.....	8,548	5,131	872,183	371,744	832	111,530	Alabama.....	69,468	55,822	5,379,577	2,642,566	3,846	420,322
Massachusetts..	37,220	29,779	6,189,857	3,745,348	17,269	4,277,296	Mississippi.....	61,223	50,589	5,898,275	2,831,710	4,302	475,546
Rhode Island....	5,275	5,165	636,656	552,035	2,105	360,995	W. S. CENTRAL:						
Connecticut.....	16,250	12,349	1,965,635	1,266,902	4,736	801,556	Arkansas.....	60,251	45,355	4,843,442	2,245,587	1,175	121,472
MIDDLE ATLANTIC:							Louisiana.....	38,221	26,506	3,000,864	1,753,830	6,603	731,573
New York.....	175,402	144,318	15,963,384	10,656,058	59,208	7,561,639	Oklahoma.....	51,011	33,463	2,610,239	1,439,614	1,819	131,364
New Jersey.....	86,227	77,779	7,566,493	5,020,130	52,492	5,186,969	Texas.....	124,690	111,899	8,099,306	5,260,638	19,439	2,040,758
Pennsylvania....	94,111	79,126	10,013,920	6,304,860	17,847	2,710,270	MOUNTAIN:						
E. N. CENTRAL:							Montana.....	7,300	4,272	928,906	378,792	1,046	236,503
Ohio.....	123,461	103,346	11,393,791	6,446,236	26,225	3,259,193	Idaho.....	10,029	6,332	1,007,667	391,315	1,026	194,239
Indiana.....	114,267	95,434	7,498,024	4,524,435	16,829	1,327,017	Wyoming.....	2,933	1,431	332,120	87,882	228	51,687
Illinois.....	120,291	110,845	9,392,296	5,304,903	26,796	3,291,585	Colorado.....	32,422	15,496	2,349,634	1,131,950	8,836	1,110,423
Michigan.....	90,861	57,501	6,286,645	3,394,265	11,933	1,528,349	New Mexico....	8,219	4,034	567,154	207,424	984	144,465
Wisconsin.....	70,123	59,578	4,593,865	2,220,634	14,600	1,126,373	Arizona.....	4,302	2,192	379,293	136,508	1,570	184,623
W. N. CENTRAL:							Utah.....	7,006	6,023	717,776	396,099	1,630	225,613
Minnesota.....	46,021	28,361	3,359,052	1,503,401	5,195	614,895	Nevada.....	1,932	924	264,122	98,781	920	160,373
Iowa.....	80,402	83,193	5,266,411	3,509,127	14,437	773,011	PACIFIC:						
Missouri.....	129,570	116,236	8,268,281	5,544,337	8,648	890,488	Washington....	24,410	13,848	2,988,510	1,040,668	4,154	954,006
North Dakota....	13,383	4,289	1,069,125	256,206	321	41,109	Oregon.....	23,129	16,345	2,448,917	1,074,468	3,851	672,679
South Dakota....	15,150	7,954	1,033,163	389,717	667	82,832	California.....	79,163	32,401	6,896,885	2,838,832	53,369	4,836,001
Nebraska.....	36,164	34,532	2,118,393	1,438,629	2,654	182,924							
Kansas.....	48,757	54,166	2,963,733	2,440,305	4,488	382,263							

<sup>1</sup> Includes Indian Territory.

#### TOBACCO.

Detailed statistics concerning the tobacco crop of 1909, with comparative figures for 1899, are given in Table 50. Table 49 gives percentages and averages for the important producing divisions and states, based mainly on Table 50.

The tobacco crop is more localized than most other staple crops. In the aggregate, 1,294,911 acres were in tobacco in 1909, representing 0.3 per cent of the improved farm acreage of the country. In the distribution of this acreage, the East South Central division, containing 43.3 per cent of the total, led all others. This figure was closely approximated, however, by the South Atlantic division, which contained 37.6 per cent of the total acreage. The combined acreage in the East North Central and Middle Atlantic divisions was only about half as great as that in the South Atlantic division alone. The acreage of tobacco in New England

was small and that in the region west of the Mississippi was quite insignificant. The state of Kentucky had the greatest area in tobacco—469,795 acres. North Carolina was next in order, but had an acreage less than half that of Kentucky. The only other states having an acreage in excess of 100,000 were Virginia and Ohio. These four states had three-fourths of the entire acreage devoted to this crop.

The proportion of the improved farm land in tobacco was larger in the East South Central division (1.3 per cent) than in any other, though in the South Atlantic division it was only slightly less (1 per cent). The leading states exceeded this proportion considerably.

In 1909, as compared with 1899, there was an increase in the area in tobacco of 193,451 acres, or 17.6 per cent. In the division having the largest acreage,



the East South Central, the gain was over 100,000 acres, or 22.4 per cent. An absolute gain about half as great occurred in the East North Central division, where the relative increase was nearly 50 per cent. It is noticeable that in the South Atlantic division the increase was much less, amounting to only 4.6 per cent. Next to Kentucky, where the acreage in 1909 was 84,990 more than in 1899, the greatest gain was in Ohio.

The production in 1909 was 1,056,000,000 pounds and was greater by 21.6 per cent than that in 1899, 868,000,000 pounds. The greatest absolute increase was in the East South Central division, but larger percentages of increase are noted in the case of the West North Central and New England divisions.

The average yield per acre in 1909 was 815 pounds. In New England it was more than double this amount, and in the Middle Atlantic and East North Central divisions it was considerably higher than the average. In these divisions tobacco is grown in limited areas peculiarly adapted to its cultivation. As compared with 1899, the United States as a whole and each of the divisions except the Middle Atlantic and East North Central show a larger yield per acre in 1909, indicating a greater relative increase in the production than in the acreage.

The average value per pound was greater in 1909 than in 1899, and this, combined with an increased yield per acre, brought about a very marked increase in the value per acre. The total value of the crop was much greater in 1909 (\$104,302,856) than in 1899 (\$56,987,902). The value of tobacco constituted 1.9 per cent of the total value of crops in 1909.

**Table 49**

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN POUNDS PER ACRE.		AVERAGE VALUE PER POUND.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	0.3	815	788	\$0.10	\$0.07	\$80.55	\$51.74
New England.....	1.7	0.3	1,746	1,675	0.15	0.17	260.75	288.59
Middle Atlantic.....	3.5	0.2	1,123	1,430	0.08	0.07	94.41	105.75
East North Central.....	13.3	0.2	919	1,035	0.10	0.07	87.71	71.66
South Atlantic.....	37.6	1.0	686	645	0.10	0.06	67.38	39.99
East South Central.....	43.3	1.3	834	794	0.10	0.06	81.26	46.63
All other divisions.....	0.5	(1)	(2)	(2)	(2)	(2)	(2)	(2)
Kentucky.....	36.3	3.3	848	817	0.10	0.05	84.86	48.19
North Carolina.....	17.1	2.5	626	628	0.10	0.06	62.41	39.59
Virginia.....	14.3	1.9	717	667	0.09	0.06	65.63	39.11
Ohio.....	8.2	0.6	832	923	0.10	0.07	84.51	68.10

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Not calculated because of unimportance of crop.

#### TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

**Table 50**

DIVISION OR STATE.	ACREAGE.				PRODUCTION (POUNDS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States.....	1,294,911	1,101,460	193,451	17.6	1,055,764,806	868,112,865	187,651,941	21.6	\$104,302,856	\$56,987,902	\$47,314,954	83.0
GEOGRAPHIC DIVISIONS:												
New England.....	21,745	14,212	7,533	53.0	37,961,893	23,810,524	14,151,369	59.4	5,670,002	4,101,428	1,568,574	38.2
Middle Atlantic.....	45,852	39,069	6,783	17.4	51,510,925	55,461,710	-3,950,785	-7.1	4,328,854	4,131,623	197,231	4.8
East North Central.....	171,973	115,810	56,163	48.5	157,959,785	119,851,780	38,108,005	31.8	15,082,892	8,298,096	6,784,796	81.7
West North Central.....	5,709	4,706	1,003	21.3	5,704,572	3,349,811	2,354,761	70.3	713,321	245,726	467,595	190.3
South Atlantic.....	487,411	465,754	21,657	4.6	334,569,496	300,194,090	34,375,406	11.5	32,843,156	18,627,038	14,216,118	76.3
East South Central.....	560,523	457,998	102,525	22.4	467,348,072	363,820,310	103,527,762	28.5	45,548,716	21,355,283	24,193,433	113.3
West South Central.....	1,683	3,857	-2,174	-56.4	700,915	1,592,830	-891,915	-56.0	114,452	222,392	-107,940	-48.5
Mountain.....	11	8	3	(1)	3,457	2,510	947	37.7	778	408	370	90.7
Pacific.....	4	46	-42	(1)	5,691	29,300	-23,609	-80.6	685	5,308	-4,623	-87.1
NEW ENGLAND:												
Massachusetts.....	5,521	3,826	1,695	44.3	9,549,306	6,406,570	3,142,736	49.1	1,218,060	956,399	261,661	27.4
Connecticut.....	16,042	10,119	5,923	58.5	28,110,453	16,930,770	11,179,683	66.0	4,415,948	3,074,022	1,341,926	43.7
MIDDLE ATLANTIC:												
New York.....	4,109	11,307	-7,198	-63.7	5,345,035	13,958,370	-8,613,335	-61.7	402,517	1,172,236	-769,719	-65.7
Pennsylvania.....	41,742	27,760	13,982	50.4	46,164,800	41,502,620	4,662,180	11.2	3,926,116	2,909,304	966,812	32.7
EAST NORTH CENTRAL:												
Ohio.....	106,477	71,422	35,055	49.1	88,003,308	65,957,100	22,046,208	34.3	8,998,887	4,864,191	4,134,696	85.0
Indiana.....	23,694	8,219	15,475	188.3	21,387,824	6,882,470	14,505,354	210.8	2,145,193	445,658	1,699,535	381.4
Illinois.....	1,313	2,242	-929	-41.4	1,029,616	1,447,150	-417,534	-28.9	80,389	85,411	-5,022	-5.9
Wisconsin.....	40,458	33,830	6,628	19.6	46,909,182	45,500,480	1,408,702	3.1	3,855,033	2,898,001	956,942	33.0
WEST NORTH CENTRAL:												
Missouri.....	5,433	4,361	1,072	24.6	5,372,738	3,041,996	2,330,742	76.6	676,479	218,991	457,488	208.9
SOUTH ATLANTIC:												
Maryland.....	26,072	42,911	-16,839	-39.2	17,845,099	24,589,480	-6,743,781	-27.4	1,457,112	1,438,169	18,943	1.3
Virginia.....	185,427	184,334	1,093	0.6	132,979,390	122,884,900	10,094,490	8.2	12,169,086	7,210,195	4,958,891	68.8
West Virginia.....	17,928	5,129	12,799	249.5	14,356,400	3,087,140	11,269,260	365.0	1,923,180	228,620	1,694,560	741.2
North Carolina.....	221,890	203,023	18,867	9.3	138,813,163	127,503,400	11,309,763	8.9	13,847,559	8,038,601	5,808,958	72.3
South Carolina.....	30,082	25,993	4,089	15.7	25,583,049	19,895,970	5,687,079	28.6	2,123,576	1,297,293	826,283	63.7
Georgia.....	2,025	2,304	-279	-12.1	1,485,994	1,105,600	380,394	34.4	297,167	159,659	137,508	86.1
Florida.....	3,987	2,056	1,931	93.9	3,505,891	1,125,600	2,380,291	211.5	1,025,476	254,211	771,265	303.4
EAST SOUTH CENTRAL:												
Kentucky.....	469,795	384,805	84,990	22.1	398,482,301	314,288,050	84,194,251	26.8	39,868,753	18,541,982	21,326,771	115.0
Tennessee.....	90,468	71,849	18,619	25.9	68,756,599	49,157,550	19,599,049	39.9	5,661,681	2,748,495	2,913,186	106.0

<sup>1</sup> Per cent not calculated where base is less than 100.

<sup>2</sup> Corrected from 1900 Report on Agriculture, Part II.



## COTTON AND COTTON SEED.

**Cotton (Table 52).**—Of the 32,043,838 acres of cotton harvested in 1909, the West South Central division contained nearly half, the South Atlantic division 28.1 per cent, and the East South Central division 24.7 per cent. Though cotton is reported from three other divisions, the acreages are comparatively insignificant. There are, however, three counties in southeastern Missouri in which the cotton acreage is considerable. Texas, with nearly 10,000,000 acres, has considerably over one-fourth of the total area in this crop, and Georgia has about half the acreage of Texas, while Alabama and Mississippi, which follow in the order named, have each more than 3,000,000 acres in cotton. The four states named report about 70 per cent of the total acreage. The accompanying map shows graphically the distribution of the cotton acreage among the states.

The prominence of cotton in the agriculture of the South is indicated by the large percentages of the total improved land occupied by this crop in the southern divisions, as shown by Table 51. In the South as a whole cotton occupied 21.2 per cent of the improved farm land. In each of the four states shown in Table 51 the cotton acreage exceeds one-third of all the improved land in farms.

The area in cotton increased from 1899 to 1909 by 7,768,737 acres, or 32 per cent. Of this gain more than half was reported from the West South Central division, there being a gain of nearly 3,000,000 acres in the state of Texas and of over 1,000,000 acres in the state of Oklahoma. A gain of over 1,000,000 acres was reported in Georgia. The percentage of increase in the West South Central division exceeded that for the United States as a whole, and that in the South Atlantic division almost equaled it, but the rate of gain in the East South Central division was considerably less.

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BALES PER ACRE.		AVERAGE VALUE PER BALE.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	6.7	0.33	0.39	\$66.07	\$33.96	\$21.96	\$13.34
West North Central.....	0.3	0.1	0.56	0.56	62.25	33.20	35.14	18.61
South Atlantic.....	28.1	18.6	0.45	0.39	63.45	33.59	28.28	13.26
East South Central.....	24.7	18.0	0.32	0.39	69.53	34.85	22.15	13.77
West South Central.....	46.9	25.8	0.27	0.39	66.56	33.62	17.98	13.09
All other divisions.....	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(2)
Texas.....	31.0	36.3	0.25	0.36	66.28	33.65	16.39	13.90
Georgia.....	15.2	39.7	0.41	0.37	63.59	33.02	25.94	13.94
Alabama.....	11.6	38.5	0.30	0.35	65.70	33.43	19.89	13.14
Mississippi.....	10.6	37.7	0.33	0.45	73.77	36.03	24.45	18.65

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Not calculated because of unimportance of crop.

## COTTON—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

DIVISION OR STATE.	ACREAGE.				PRODUCTION (RUNNING BALES).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States.....	32,043,838	24,275,101	7,768,737	32.0	10,649,268	9,534,707	1,114,561	11.7	\$703,619,303	\$323,758,171	\$379,861,132	117.3
GEOGRAPHIC DIVISIONS:												
West North Central...	96,563	45,749	50,814	111.1	54,508	25,646	28,862	112.5	3,393,040	851,478	2,541,562	298.5
South Atlantic.....	9,002,776	6,842,489	2,160,287	31.6	4,012,942	2,701,766	1,311,176	48.5	254,636,995	90,759,735	163,877,260	180.6
East South Central...	7,926,019	6,725,588	1,200,431	17.8	2,524,714	2,656,599	—131,885	—5.0	175,543,582	92,690,366	82,853,216	89.6
West South Central...	15,017,347	10,661,219	4,356,128	40.9	4,056,704	4,150,658	—93,954	—2.3	270,018,704	139,554,349	130,464,355	93.5
Mountain.....	509	56	753	(1)	217	38	179	(1)	15,238	2,243	12,995	579.4
Pacific.....	324	.....	324	.....	183	.....	183	.....	11,744	.....	11,744	.....
WEST NORTH CENTRAL:												
Missouri.....	96,527	45,596	50,931	111.7	54,498	25,576	28,922	113.1	3,392,440	849,199	2,543,241	299.5
SOUTH ATLANTIC:												
Virginia.....	25,147	25,724	—577	—2.2	10,480	10,789	—309	—2.9	695,721	346,600	349,121	100.7
North Carolina.....	1,274,404	1,007,020	267,384	26.6	665,132	459,707	205,425	44.7	42,066,099	15,696,952	26,369,147	168.0
South Carolina.....	2,556,467	2,074,081	482,386	23.3	1,279,866	881,422	398,444	45.2	80,337,945	29,590,152	50,747,793	171.5
Georgia.....	4,883,304	3,513,839	1,369,465	39.0	1,992,408	1,287,992	704,416	54.7	126,095,612	42,534,235	84,161,377	197.9
Florida.....	263,454	221,825	41,629	18.8	65,056	61,856	3,200	5.2	4,841,581	2,591,796	2,249,785	86.8
EAST SOUTH CENTRAL:												
Kentucky.....	7,811	2,396	5,415	226.0	3,409	1,309	2,100	153.4	223,024	52,812	170,212	322.3
Tennessee.....	787,516	623,137	164,379	26.4	264,562	234,592	29,970	12.8	17,966,517	8,192,642	9,773,875	119.3
Alabama.....	3,730,482	3,202,135	528,347	16.5	1,129,527	1,106,840	22,687	2.0	74,205,236	37,004,598	37,200,638	100.5
Mississippi.....	3,400,210	2,897,920	502,290	17.3	1,127,156	1,313,798	—186,642	—14.2	83,148,805	47,340,314	35,808,491	75.6
WEST SOUTH CENTRAL:												
Arkansas.....	2,153,222	1,641,855	511,367	31.1	776,879	709,880	66,999	9.4	54,559,503	24,671,445	29,888,058	121.1
Louisiana.....	957,011	1,376,254	—419,243	—30.5	268,909	709,041	—440,132	—62.1	17,324,804	23,523,143	—6,198,339	—26.3
Oklahoma.....	1,976,935	* 682,743	1,294,192	189.5	555,742	* 225,525	330,217	146.4	35,399,356	* 7,027,048	28,372,308	403.8
Texas.....	9,930,179	6,960,367	2,969,812	42.7	2,455,174	2,506,212	—51,038	—2.0	162,735,041	84,332,713	78,402,328	93.0

\* Per cent not calculated where base is less than 100.

\* Includes Indian Territory.



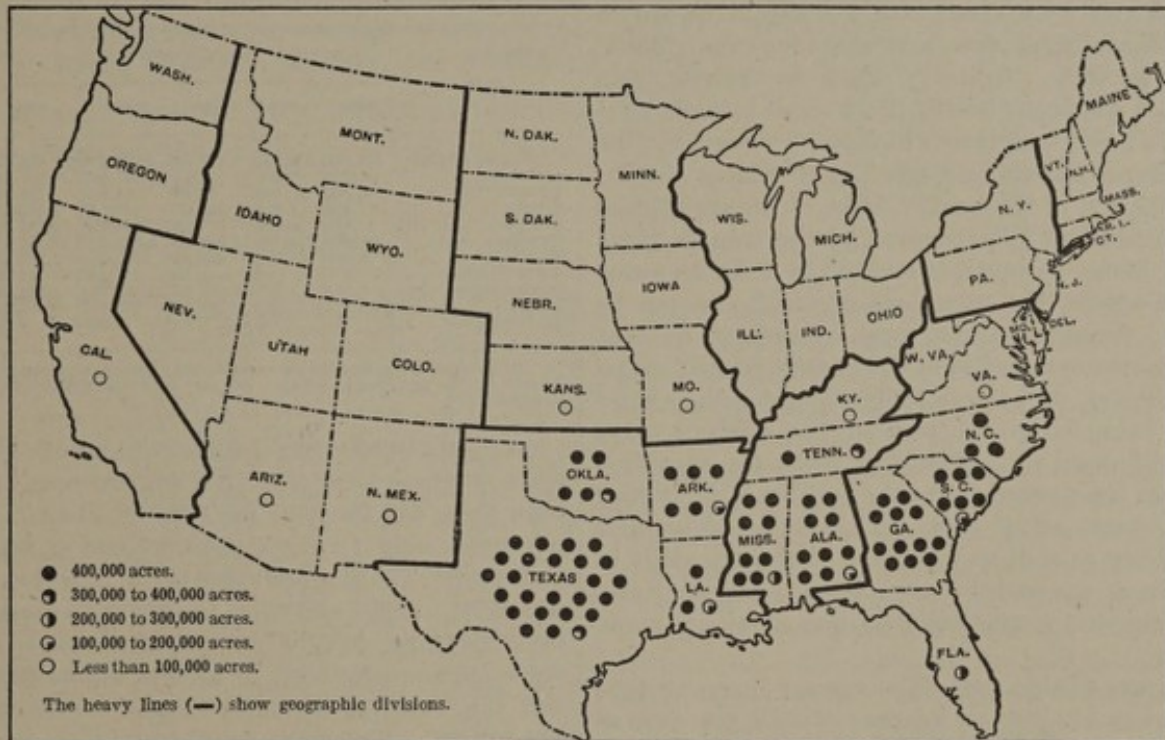
The total production of cotton in 1909 was 10,649,000 bales, an increase of 1,115,000 bales, or 11.7 per cent, over that of 1899. The yield of cotton was 0.33 bale per acre in 1909, as against 0.39 bale per acre in 1899. In each of the southern divisions, except the South Atlantic, there was a smaller average yield in 1909 than 10 years earlier. As a result the relative gain in production for the country is less than the relative gain in acreage. Two divisions, the East and West South Central, reported a smaller crop than 10 years previously. On the other hand, in the South Atlantic division the crop increased nearly one-half.

The average value of cotton per bale, which was \$33.96 in 1899, was \$66.07 in 1909, an advance of nearly 95 per cent. Hence, with an increased production, the total value of the cotton crop in 1909, \$703,619,000, was larger than that of 1899 by \$379,861,000, or 117.3 per cent. The increase in the value of the crop was sufficient to offset losses in acreage and yield, except in Louisiana.

The value of the cotton crop of 1909 was 12.8 per cent of the total value of crops for the country as a whole; for the South alone cotton represents 36.6 per cent of the total value of crops.

## COTTON.

ACREAGE, BY STATES: 1909.



**Cotton seed (Table 53).**—The agricultural schedules of 1910 and 1900 did not call for the quantity of cotton seed produced or its value, but the schedule of 1910 called for the quantity and value of the cotton seed sold during 1909. It was believed that, for various reasons, it would be impossible for many farmers to report accurately the total quantity of cotton seed produced. Inasmuch, however, as the sales of cotton seed are much less than the total production, it seemed desirable to make a rough estimate of the total quantity and value of cotton seed produced. It has been the usual custom among farmers and in the cotton trade to assume that (in the case of upland cotton, which constitutes the great bulk of the crop) about one-third of the weight of the seed cotton is lint and two-thirds seed. Although during recent years the ratios have probably been nearer 35 per cent lint and 65 per cent seed, the bureau has made its estimates of the production of cotton seed on the

more customary basis. It has further assumed for convenience that a bale of cotton as reported by the farmer contains 500 pounds of lint cotton, which is probably a slight exaggeration, inasmuch as no allowance is made for bagging and ties. The production of cotton seed by counties and states, and for the South as a whole has, in other words, been estimated by the simple method of allowing 1,000 pounds of seed for each bale of cotton. Aside from a considerable margin of error in the total quantity thus estimated for the South as a whole, there is doubtless some additional error in individual counties. The value of cotton seed has been estimated for 1899 by multiplying the estimated total quantity produced by the average price reported by the cottonseed-oil mills as paid for the seed purchased during that year; and for 1909 by multiplying the estimated quantity produced by the average value per ton reported by farmers for the seed sold by them. It is assumed that the average value of the entire crop is the same as the average



value of that part sold. Table 53 shows the estimated quantity and value of cotton seed produced for 1909 and 1899 for the country as a whole and by geographic divisions.

The estimated quantity of cotton seed produced in 1899 was 4,767,000 tons, and in 1909, 5,325,000 tons.

The estimated value of the cotton seed in 1899 was \$46,951,000, and in 1909, \$121,077,000, an increase of 157.9 per cent, as compared with an increase of 117.3 per cent in the value of lint cotton produced.

The total quantity of cotton seed reported by farmers as sold during 1909 was 2,075,000 tons, and its value \$47,350,000.

#### SUGAR CROPS.

Sugar and related products are obtained in the United States from three widely different classes of plants—cane (sugar cane and sorghum cane), beets, and maple trees. Ordinary sugar is derived from sugar cane and sugar beets. Beet sugar is made altogether in large factories, which are covered by the manufactures census, and this report relates only to the production of the beets. Most of the sugar cane also is crushed in mills covered by the manufactures census. Some, however, is crushed in mills on farms and plantations, the operations of which can not be separated from the agricultural operations, so that the products are included in the present report; these mills, however, make practically no sugar, their chief product being sirup. A part of the sorghum cane produced is used for fodder, but there are numerous small mills which crush it for the purpose of producing sirup. Almost all of these mills are on farms, and the quantity as well as the value of their product in that case is covered by the census of agriculture. Maple sirup and maple sugar are almost wholly made on farms.

**Sugar cane (Table 54).**—The acreage in sugar cane in 1909 was 476,849, an increase of 23.2 per cent as compared with 1899. The production in 1909 was 6,240,000 tons, representing an increase of 48.5 per cent. The value of the sugar cane in 1909, including that of the sugar, sirup, and molasses reported on the agricultural schedules, was \$26,416,000, and constituted 0.5 per cent of the total value of farm crops for the country. The value of sugar cane produced in the South represented 1.4 per cent of the value of all crops of that section. More than two-thirds of the total acreage of sugar cane in 1909 was in Louisiana, and most of the remainder in Georgia, Texas, Alabama, and Mississippi.

Satisfactory comparison can not be made between the total value of the product as reported for 1909 and that for 1899, for the reason that in 1899 reports of many large mills on plantations were included in the agricultural census, while most such mills in 1909 were covered by the manufactures census. A much larger proportion of the value given for the earlier year therefore consists of the value of the manufactured product—sugar and molasses.

#### COTTON SEED—ESTIMATED PRODUCTION AND VALUE.

Table 53

DIVISION.	ESTIMATED PRODUCTION (TONS).		ESTIMATED VALUE.		
	1909	1899	1909	1899	Per cent of in- crease.
United States.....	5,324,634	4,767,353	\$121,076,984	\$46,950,575	157.9
West North Central.....	27,254	12,823	585,969	55,304	959.5
South Atlantic.....	2,006,471	1,350,883	48,468,186	14,049,551	245.0
East South Central.....	1,262,357	1,328,299	28,747,084	12,737,092	125.7
West South Central.....	2,028,352	2,075,329	43,273,088	20,108,566	115.2
Mountain.....	109	19	1,625	62	( <sup>1</sup> )
Pacific.....	91	.....	1,032	.....	.....

<sup>1</sup> Per cent not calculated where base is less than 100.

#### SUGAR CANE—ACREAGE, PRODUCTION, AND VALUE.

Table 54

STATE.	ACREAGE.		PRODUCTION (TONS).		VALUE. <sup>1</sup>	
	1909	1899	1909	1899	1909	1899
United States..	476,849	386,986	6,240,260	4,202,202	\$26,415,952	\$20,541,636
Alabama.....	27,211	32,871	226,634	267,857	1,527,166	1,469,000
Arkansas.....	3,330	460	19,868	4,097	152,298	25,285
Florida.....	12,928	13,800	142,517	140,729	1,089,698	723,176
Georgia.....	37,046	26,066	317,460	284,410	2,268,110	1,480,704
Louisiana.....	329,684	276,966	4,941,996	3,137,338	17,752,537	14,627,282
Mississippi.....	24,861	11,552	222,600	122,384	1,506,887	804,870
North Carolina.....	294	25	1,494	199	10,697	1,412
South Carolina.....	7,053	7,342	59,865	73,702	434,634	429,425
Texas.....	34,315	17,824	307,502	170,485	1,669,683	977,053
All other states.....	127	90	324	1,001	4,242	3,429

<sup>1</sup> The values given include the value of sugar, sirup, and molasses, so far as covered by the agricultural census. See text as to incomparability of the two censuses.

Of the 6,240,000 tons of sugar cane produced in 1909, 4,639,000 tons were sold,<sup>1</sup> the amount received therefrom being \$16,766,000; in 1899, out of 4,202,000 tons produced, only 1,126,000 tons, valued at \$3,882,000, were sold. The average value per ton for the cane sold was \$3.61 in 1909 and \$3.45 in 1899, and assuming the same value per ton for the rest of the cane, the total value of cane produced in 1909 would be \$22,527,000 and the value of that produced in 1899 would be \$14,498,000. These figures represent an increase of 55.4 per cent in the total value of the crop.

In 1909 the plantation mills covered by the agricultural census made 21,633,579 gallons of sirup, 125,647 pounds of sugar, and 4,153 gallons of molasses. The total value of these products was reported as \$9,650,000.

No satisfactory comparison can be made between 1909 and 1899 as to the amount of sirup, sugar, and molasses made on plantations, for the reason already stated.

The total production of cane sugar in factories covered by the manufactures census in 1909 was 326,858 tons; of molasses, 24,588,000<sup>2</sup> gallons; and of sirup, 1,450,000<sup>2</sup> gallons; these figures all being additional to those derived from the agricultural census.

<sup>1</sup> Including that delivered to mills owned by the plantation but covered by the manufactures census.

<sup>2</sup> Does not include the operations of four establishments which manufacture sugar, two of which were operated in connection with penal institutions and two of which were engaged primarily in the manufacture of products other than those covered by the industry designated. The output of these establishments was 7,231 tons of sugar and 693,302 gallons of molasses.



**Sorghum cane** (Table 55).—The acreage of sorghum cane in 1909 was 444,089, or 51.5 per cent more than in 1899. And although the production was 13.8 per cent less than in the earlier year, probably on account of unfavorable weather conditions in 1909, the value of the crop, amounting in 1909 to \$10,174,000, or 0.2 per cent of the total value of all farm crops, showed a great increase. The value as stated includes that of the sirup made on farms. The amount of such sirup was 16,532,000 gallons, valued at \$7,963,000, and the value of the cane sold or used as forage was \$2,211,000.

The amount of sirup made in 1899 was 16,973,000 gallons and its value, \$5,288,000. The crop is quite widely distributed through the country, but is much more important in the South than in the North or the West. The leading states in acreage in 1909 were Kentucky, Texas, Tennessee, Missouri, and Arkansas.

#### SORGHUM CANE—ACREAGE, PRODUCTION, AND VALUE.

STATE.	ACREAGE.		PRODUCTION (TONS).		VALUE. <sup>1</sup>	
	1909	1899	1909	1899	1909	1899
United States.....	444,089	293,152	1,647,262	1,910,046	\$10,174,457	\$6,103,102
Alabama.....	17,819	14,831	72,388	93,209	450,263	371,356
Arizona.....	586	133	1,451	953	13,886	4,882
Arkansas.....	33,071	17,684	96,123	122,779	658,072	368,816
California.....	647	140	3,021	1,085	14,826	3,788
Colorado.....	3,169	51	7,161	349	43,520	1,107
Florida.....	379	.....	2,173	.....	10,113	.....
Georgia.....	15,612	11,553	64,336	78,768	419,561	250,592
Illinois.....	15,039	9,158	90,287	84,326	496,114	223,344
Indiana.....	12,253	7,955	79,672	65,685	465,618	193,056
Iowa.....	6,225	8,287	28,957	58,347	173,259	218,999
Kansas.....	15,406	20,689	60,821	88,846	251,762	279,029
Kentucky.....	62,327	21,982	226,303	152,321	1,416,565	449,276
Louisiana.....	1,690	937	6,073	6,091	34,277	18,367
Michigan.....	416	377	2,765	2,787	18,595	10,486
Minnesota.....	1,709	2,283	13,253	14,369	83,966	59,714
Mississippi.....	17,851	15,734	55,359	119,164	343,641	323,417
Missouri.....	45,088	30,997	201,206	201,165	1,036,263	660,624
Nebraska.....	4,034	4,778	10,477	14,119	61,025	74,817
New Mexico.....	2,371	81	2,819	314	26,877	1,963
North Carolina.....	21,227	20,227	86,462	112,056	541,294	446,897
Ohio.....	4,769	5,057	28,644	33,759	180,543	126,781
Oklahoma.....	25,546	16,477	64,599	49,237	489,112	154,111
South Carolina.....	8,445	7,250	27,612	49,530	185,358	178,323
Tennessee.....	52,907	31,364	205,901	226,523	1,145,932	647,129
Texas.....	55,027	26,803	101,691	174,965	955,769	554,790
Utah.....	340	371	1,654	3,080	12,878	13,435
Virginia.....	8,288	8,039	41,449	73,137	223,224	196,915
West Virginia.....	8,607	6,870	48,094	56,469	300,218	189,935
Wisconsin.....	2,281	2,599	13,735	16,963	84,626	64,444
All other states.....	1,020	665	5,776	4,560	37,297	16,709

<sup>1</sup> The values given include the value of sorghum sirup so far as covered by the agricultural census.

<sup>2</sup> Includes Indian Territory.

**Sugar beets.**—As shown in Table 56, the acreage of sugar beets in the United States in 1909, 364,093, was more than three times as great as in 1899; the production, 3,933,000 tons, was nearly five times as great; and the value, \$19,881,000, was almost six times as great. The average value per ton in 1909 was \$5.06 and in 1899, \$4.19. The crop in 1909 occupied 0.1 per cent of the improved farm acreage of the country, and its value constituted 0.4 per cent of the value of all crops.

Although sugar beets intended for sugar manufacture are now raised in a considerable number of states, much the greater part of the production is in Colorado, California, Michigan, Utah, Idaho, and Wisconsin.

The development in Colorado during the past decade has been particularly striking.

In addition to the sugar beets covered by this table, which has been confined as far as practicable to those raised for the purpose of making sugar, small quantities are raised in many states for forage.

#### SUGAR BEETS—ACREAGE, PRODUCTION, AND VALUE.

STATE.	ACREAGE.		PRODUCTION (TONS).		VALUE.	
	1909	1899	1909	1899	1909	1899
United States.....	364,093	110,170	3,932,857	793,353	\$19,880,724	\$3,323,240
Arizona.....	4,443	.....	49,630	.....	236,997	.....
California.....	78,957	41,242	845,191	356,535	4,320,532	1,550,346
Colorado.....	108,082	1,094	1,231,712	6,656	6,061,152	26,711
Idaho.....	15,601	.....	179,661	.....	813,604	.....
Illinois.....	1,181	1,370	14,981	9,109	77,732	36,223
Indiana.....	756	.....	7,194	.....	40,861	.....
Iowa.....	1,051	.....	7,117	.....	35,024	.....
Kansas.....	5,851	.....	50,736	.....	256,262	.....
Michigan.....	78,779	40,247	707,639	215,373	4,014,123	877,481
Minnesota.....	2,238	2,114	24,140	15,959	118,625	59,826
Montana.....	8,804	.....	109,434	.....	546,832	.....
Nebraska.....	4,191	8,662	39,874	62,470	180,247	222,258
New Mexico.....	55	1,298	239	3,965	1,492	16,849
New York.....	1,313	2,053	10,990	16,003	59,200	75,487
Ohio.....	7,036	.....	63,696	.....	319,667	.....
Oregon.....	1,176	2,510	15,606	14,462	74,902	63,322
Utah.....	27,472	7,546	413,946	85,914	1,858,600	365,163
Washington.....	1,820	1,863	13,794	6,149	85,954	26,176
Wisconsin.....	12,379	34	127,526	233	667,185	937
Wyoming.....	1,207	.....	13,418	.....	61,398	.....
All other states.....	1,701	137	6,333	525	50,335	2,461

**Maple sugar and sirup** (Table 57).—The total number of maple trees reported by the farmers as tapped in 1909 was 18,899,533; they produced 14,060,000 pounds of sugar and 4,106,000 gallons of sirup, the combined value of which was \$5,178,000.

The quantity of maple sugar made on farms was 17.9 per cent greater than in 1899, while the quantity of sirup was almost twice as great, and the combined value of the sugar and sirup nearly twice as great as in 1899. Ohio is the leading state in the production of sirup, followed by New York and Vermont; but Vermont far outranks all other states in the production of maple sugar, New York and Pennsylvania ranking second and third, respectively. In the combined value of the two products, New York ranks first.

#### MAPLE SUGAR AND SIRUP—QUANTITY AND VALUE.

STATE.	SUGAR MADE (POUNDS).		SIRUP MADE (GALLONS).		VALUE OF SUGAR AND SIRUP.	
	1909	1899	1909	1899	1909	1899
United States.....	14,060,206	11,928,770	4,106,418	2,056,611	\$5,177,809	\$2,636,711
Connecticut.....	10,207	4,930	4,296	948	6,988	1,796
Illinois.....	5,366	4,090	18,492	9,357	23,502	9,841
Indiana.....	33,419	51,900	273,728	179,576	300,755	166,307
Iowa.....	6,173	2,320	8,596	2,662	11,495	2,920
Kentucky.....	10,697	2,340	3,547	2,367	6,681	2,741
Maine.....	15,388	5,500	43,971	16,024	52,137	15,920
Maryland.....	351,908	264,160	12,172	5,825	34,386	24,183
Massachusetts.....	156,952	192,090	53,091	27,174	77,559	48,296
Michigan.....	293,301	302,715	299,093	82,997	333,791	100,596
Minnesota.....	11,399	29,580	17,808	1,079	23,362	3,672
Missouri.....	11,638	12,065	9,389	5,474	12,950	6,559
New Hampshire.....	558,811	441,870	111,500	41,588	182,341	82,626
New York.....	3,160,300	3,623,540	993,242	413,159	1,240,684	631,180
Ohio.....	257,592	613,990	1,323,431	923,519	1,099,248	665,226
Pennsylvania.....	1,188,049	1,429,540	391,242	160,297	471,213	229,773
Vermont.....	7,726,817	4,779,870	409,953	160,918	1,086,933	598,953
Virginia.....	44,976	19,310	6,046	1,677	12,233	3,350
West Virginia.....	140,060	141,550	31,176	14,874	46,568	25,271
Wisconsin.....	27,199	4,180	124,117	6,625	150,038	6,878
All other states.....	49,954	2,340	1,588	471	4,945	743



## SUNDRY MINOR CROPS.

Under this heading are included a variety of crops of comparatively small importance which can not be logically classified under any of the other designations. The individual crops are in no way closely related to one another in use, method of production, or geographic distribution.

Table 58 gives statistics of those minor crops for which the acreage was reported, for the leading states.

## MINOR CROPS—ACREAGE, PRODUCTION, AND VALUE.

Table 58 STATE.	ACREAGE.		PRODUCTION. <sup>1</sup>		VALUE.	
	1909	1899	1909	1899	1909	1899
<b>Broom corn, total</b> .....	<b>326,102</b>	<b>178,584</b>	<b>78,959,958</b>	<b>90,947,370</b>	<b>\$5,134,434</b>	<b>\$3,558,414</b>
Arkansas.....	332	879	106,576	304,690	8,198	12,588
California.....	1,023	1,669	614,250	1,146,000	32,509	40,506
Colorado.....	5,631	1,241	1,187,791	226,550	71,717	10,577
Illinois.....	38,452	95,137	19,309,425	60,665,520	1,457,172	2,357,066
Indiana.....	323	815	133,259	384,170	13,461	18,285
Iowa.....	156	2,220	75,370	1,178,130	6,670	50,639
Kansas.....	41,064	34,383	8,768,853	11,813,310	593,947	458,481
Kentucky.....	342	839	157,286	384,550	13,641	18,209
Missouri.....	5,339	10,219	1,774,536	3,693,370	115,243	159,988
Nebraska.....	458	6,627	157,146	2,733,290	11,116	106,232
New Mexico.....	4,470	14	644,892	5,800	33,492	290
Ohio.....	170	802	92,292	537,160	9,116	26,317
Oklahoma.....	216,350	12,763	42,741,725	3,565,510	2,559,235	136,831
Tennessee.....	1,348	3,444	347,064	1,015,460	27,733	47,232
Texas.....	9,448	3,743	2,368,490	1,638,150	140,533	60,313
Virginia.....	107	1,762	46,016	663,390	3,586	34,558
All other states.....	1,089	2,027	414,987	992,320	37,065	50,262
<b>Hemp, total</b> .....	<b>7,647</b>	<b>16,042</b>	<b>7,483,295</b>	<b>11,750,630</b>	<b>412,699</b>	<b>546,338</b>
California.....	300	500	600,000	620,000	39,000	45,000
Illinois.....	( <sup>2</sup> )	783	50	515,400	5	21,784
Indiana.....	335	.....	395,467	.....	21,755	.....
Kentucky.....	6,855	14,107	6,420,232	10,303,560	348,386	468,454
Nebraska.....	.....	638	305,400	.....	10,752	.....
All other states.....	157	14	67,546	6,270	3,553	348
<b>Hops, total</b> .....	<b>44,693</b>	<b>55,613</b>	<b>40,718,748</b>	<b>49,209,704</b>	<b>7,844,745</b>	<b>4,081,929</b>
California.....	8,391	6,890	11,994,953	10,124,660	1,731,110	925,319
New York.....	12,023	27,532	8,677,138	17,332,340	2,597,981	1,600,305
Oregon.....	21,770	15,433	16,582,562	14,675,577	2,838,860	937,513
Washington.....	2,433	5,296	3,432,504	6,813,830	665,493	589,582
Wisconsin.....	30	342	13,290	165,346	9,041	18,020
All other states.....	46	120	18,301	97,951	2,260	11,190
<b>Chicory, total</b> .....	<b>1,589</b>	<b>3,069</b>	<b>19,284,000</b>	<b>21,495,870</b>	<b>70,460</b>	<b>73,627</b>
Michigan.....	1,584	2,823	19,204,000	19,876,970	70,020	64,640
All other states.....	5	246	80,000	1,618,900	440	8,987
<b>Chufas, total</b> .....	<b>1,712</b>	<b>(<sup>3</sup>)</b>	<b>32,261</b>	<b>.....</b>	<b>62,391</b>	<b>16,734</b>
Florida.....	1,072	.....	21,500	.....	43,470	13,521
North Carolina.....	376	.....	6,880	.....	10,529	2,007
All other states.....	264	.....	3,881	.....	8,392	1,206
<b>Ginseng, total</b> .....	<b>23</b>	<b>(<sup>3</sup>)</b>	<b>.....</b>	<b>.....</b>	<b>151,888</b>	<b>(<sup>4</sup>)</b>
Michigan.....	( <sup>5</sup> )	.....	.....	.....	13,794	.....
Missouri.....	( <sup>5</sup> )	.....	.....	.....	21,868	.....
New York.....	( <sup>5</sup> )	.....	.....	.....	27,138	.....
Ohio.....	( <sup>5</sup> )	.....	.....	.....	16,639	.....
Pennsylvania.....	( <sup>5</sup> )	.....	.....	.....	15,291	.....
Wisconsin.....	16	.....	.....	.....	25,977	.....
All other states.....	7	.....	.....	.....	31,181	.....
<b>Mint, total</b> .....	<b>8,195</b>	<b>8,591</b>	<b>158,091</b>	<b>187,427</b>	<b>253,000</b>	<b>143,618</b>
Indiana.....	1,814	879	36,621	22,380	58,110	19,557
Michigan.....	6,380	7,648	121,169	164,177	194,391	123,444
All other states.....	21	64	301	870	499	617
<b>Teasels, total</b> .....	<b>162</b>	<b>(<sup>6</sup>)</b>	<b>78</b>	<b>(<sup>6</sup>)</b>	<b>13,760</b>	<b>(<sup>7</sup>)</b>
New York.....	110	.....	61	.....	10,760	.....
All other states.....	52	.....	17	.....	3,000	.....
<b>Willows, total</b> .....	<b>661</b>	<b>521</b>	<b>857</b>	<b>.....</b>	<b>44,175</b>	<b>36,523</b>
Maryland.....	159	23	112	.....	16,800	2,838
New York.....	405	366	667	.....	19,038	22,495
All other states.....	97	132	78	.....	8,337	11,190

<sup>1</sup> Expressed in pounds for broom corn, hemp, hops, chicory, and mint; in bushels for chufas; and in tons for teasels and willows.

<sup>2</sup> Includes Indian Territory.

<sup>3</sup> Not reported separately.

<sup>4</sup> Reported in small fractions.

**Broom corn.**—The total acreage of broom corn in 1909 was 326,102, an increase of 82.6 per cent over that in 1899. The production, however, was considerably less in the later year than in the earlier, although the value increased by 43.1 per cent, amounting in 1909 to \$5,134,000. About two-thirds of the total acreage in 1909 was in Oklahoma, and most of

the remainder in Kansas and Illinois. The acreage in Illinois was much less in 1909 than in 1899.

**Hemp.**—The production of hemp is mainly confined to Kentucky, which in 1909 reported 6,855 out of the total of 7,647 acres. The acreage was less than half as great in 1909 as in 1899, but the production fell off only 36.3 per cent and the value only 24.5 per cent. The value of the crop in 1909 was \$413,000.

**Hops.**—The acreage of hops in the United States was 44,693 in 1909, or about one-fifth less than in 1899. The production fell off in approximately the same ratio, but the value increased 92.2 per cent, amounting in 1909 to \$7,845,000. Oregon is the leading hop growing state, with nearly half the total acreage in 1909; New York, California, and Washington are the only other states of importance.

**Other crops.**—In the case of none of the other crops covered by the table did the acreage in 1909 amount to 10,000, and only for mint did the value exceed a quarter of a million dollars. With the exception of ginseng, the crops listed are virtually confined to one or two states.

**By-products** (Table 59).—Flax fiber, cornstalks, and straw, which are obtained as by-products incidental to the raising of flaxseed and the various cereal crops, have a considerable value for feeding or other purposes. They are for the most part consumed on the farms producing them, however, and their value is not included with the value of the main crops from which they are derived.

The Census Bureau did not make any attempt to ascertain the total quantity or value of these products, the schedules calling only for the quantity and value of those sold during 1909.

## STRAW AND OTHER BY-PRODUCTS SOLD: 1909.

Table 59 DIVISION.	FLAX FIBER AND STRAW.		OTHER STRAW.		CORNSTALKS.	
	Quantity sold (tons).	Amount received.	Quantity sold (tons).	Amount received.	Quantity sold (tons).	Amount received.
<b>United States</b> .....	<b>21,657</b>	<b>\$90,832</b>	<b>537,699</b>	<b>\$3,189,424</b>	<b>205,585</b>	<b>\$800,850</b>
New England.....	.....	.....	10,346	94,449	5,325	33,347
Middle Atlantic.....	14	178	157,091	1,682,394	27,341	166,236
East North Central.....	1,353	8,726	192,039	699,719	45,790	164,787
West North Central.....	20,217	81,711	79,168	216,188	43,023	103,915
South Atlantic.....	.....	.....	46,659	315,543	24,504	189,507
East South Central.....	2	18	4,489	22,169	6,656	41,514
West South Central.....	29	75	6,684	33,078	50,764	82,601
Mountain.....	2	9	17,255	43,946	1,291	6,264
Pacific.....	40	115	23,968	81,938	890	12,679

A comparatively small quantity of flax fiber and straw was sold by the farmers. The quantity of other straw sold, however, was considerable, the value amounting to \$3,189,000, and the amount received from the sale of cornstalks was \$801,000. The amount of straw and cornstalks sold depends very largely upon whether there are in the vicinity cities, towns, or villages where such materials are needed, inasmuch as those by-products are seldom sold by one farmer to another.



## FRUITS AND NUTS.

The value of fruits and nuts produced in the United States in 1909 amounted to \$222,024,000, or 4 per cent of the total value of farm crops. This value exceeds that reported for 1899, \$133,049,000, by 66.9 per cent. It is impossible to state the quantity of the product as a single total, but the statistics for individual classes show that in general the value increased by a much larger percentage than the production. Of the total value of fruits and nuts in 1909, \$29,974,000 was contributed by small fruits, \$140,867,000 by orchard fruits, \$22,028,000 by grapes, \$22,711,000 by citrus fruits, \$1,995,000 by other tropical and subtropical fruits, and \$4,448,000 by nuts. The value of each of these classes in 1909 was very much greater than in 1899, except in the case of small fruits. The distribution of this value in 1909 among the states is shown by the map on page 417.

Small fruits (Tables 60 and 61).—The acreage of small fruits reported in 1909 was 272,460, as compared with 309,770 in 1899, thus showing a decrease of 37,310 acres, or 12 per cent. The total production in 1909, 426,566,000 quarts, was 7.9 per cent less than ten years earlier, when the quantity produced was 463,219,000 quarts, but the value, \$29,974,000, was nearly one-fifth greater, the value of small fruits being \$25,030,000 in 1899. The acreage in 1909 represented 0.1 per cent of the total improved farm acreage of the country, and the value 0.5 per cent of the total value of farm crops. The production of small fruits taken as a group is widely distributed through the country. In acreage the East North Central division ranked first in 1909, the Middle Atlantic second, and the South Atlantic third, but in value the Middle Atlantic division outranked all others.

## SMALL FRUITS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS.

DIVISION.	ALL SMALL FRUITS.						STRAWBERRIES.				BLACKBERRIES AND DEWBERRIES.		
	Acreage.		Production (quarts).		Value.		Acreage.		Production (quarts): 1909	Value: 1909	Acreage.		Value: 1909
	1909	1899	1909	1899	1909	1899	1909	1899			1909	1899	
United States.....	272,460	309,770	426,565,863	463,219,612	\$29,974,481	\$25,029,757	143,045	151,363	255,702,025	\$17,913,926	49,004	50,211	\$5,343,570
New England.....	13,777	13,647	37,631,006	34,456,696	2,469,094	2,183,009	4,432	4,203	11,741,829	1,068,887	690	795	804,595
Middle Atlantic.....	55,243	62,672	90,300,863	87,975,716	6,004,636	5,213,239	19,202	21,724	43,747,240	2,875,672	7,518	8,697	9,029,897
East North Central.....	56,957	92,616	73,745,968	137,580,653	5,813,117	6,689,485	23,604	35,545	39,698,906	3,037,873	10,655	16,417	10,437,862
West North Central.....	35,587	34,810	46,275,534	45,374,254	3,921,982	2,797,864	16,433	13,873	26,308,539	2,152,142	11,516	8,524	12,311,930
South Atlantic.....	45,403	49,403	72,300,168	73,878,563	4,122,467	3,505,119	37,280	37,847	63,124,937	3,565,529	5,423	6,525	6,463,811
East South Central.....	18,994	21,380	22,182,689	26,751,730	1,553,767	1,223,660	14,253	17,666	17,648,063	1,257,412	3,766	1,945	3,580,336
West South Central.....	19,417	17,519	23,878,888	22,639,210	1,771,332	1,174,029	13,917	12,903	19,701,906	1,440,466	5,106	3,855	3,836,925
Mountain.....	6,765	5,127	10,587,207	7,927,305	946,263	618,663	3,115	2,034	5,030,445	441,586	554	388	723,167
Pacific.....	20,317	12,596	49,663,540	26,634,481	3,371,823	1,624,689	10,809	5,478	28,700,140	2,074,359	3,776	3,065	8,155,047

DIVISION.	RASPBERRIES AND LOGANBERRIES.			CURRANTS.			GOOSEBERRIES.			ALL OTHER SMALL FRUITS. <sup>1</sup>		
	Acreage.		Production (quarts): 1909	Acreage.		Production (quarts): 1909	Acreage.		Production (quarts): 1909	Acreage.		Value: 1909
	1909	1899		1909	1899		1909	1899		1909	1899	
United States.....	48,668	60,916	60,918,194	55,132,277	7,862	12,865	10,448,532	\$790,431	4,765	6,752	5,282,843	\$417,034
New England.....	1,003	1,139	1,119,007	149,646	489	476	483,291	45,781	129	79	154,233	14,029
Middle Atlantic.....	15,393	18,554	19,802,119	1,618,978	3,239	3,468	4,637,483	318,993	553	559	661,576	48,645
East North Central.....	16,976	24,790	16,895,570	1,505,474	1,683	4,935	2,086,723	167,959	1,487	2,383	1,629,689	126,067
West North Central.....	5,403	7,389	5,634,788	607,053	934	1,839	900,002	88,174	1,232	2,059	1,085,304	100,581
South Atlantic.....	2,263	3,867	2,218,296	179,090	80	207	89,965	8,307	310	411	379,639	24,797
East South Central.....	833	1,288	799,212	73,456	16	32	19,795	1,806	126	216	134,815	10,071
West South Central.....	313	491	268,809	22,959	46	20	39,098	4,445	35	49	31,486	2,878
Mountain.....	1,820	1,307	3,194,610	297,722	752	757	1,028,078	85,488	524	458	610,323	47,762
Pacific.....	4,662	2,091	10,985,785	677,899	623	1,131	1,164,097	69,478	374	547	595,778	42,264

<sup>1</sup> Includes cranberries and all other unclassified small fruits.<sup>2</sup> Reported in small fractions.

Strawberries are the most important of the small fruits, representing in 1909 over half of the total acreage and about three-fourths of the total value. The acreage of raspberries and loganberries in 1909 was slightly less than that of blackberries and dewberries, but the production and value were considerably greater. The production of strawberries and blackberries is very widely distributed through the country, but that of raspberries, currants, and gooseberries is mainly confined to the North and West, and that of cranberries is almost wholly confined to Massachusetts, New Jersey, and Wisconsin.

The acreage of each of the separate classes of small fruits covered by the table was less in 1909 than in 1899; and the production was likewise less except in the case of cranberries for which 38,243,000 quarts were reported in 1909. In 1899 the production of strawberries was 257,427,000 quarts, that of blackberries and dewberries 62,190,000 quarts, that of raspberries and loganberries 76,628,000 quarts, that of currants 18,593,000 quarts, that of gooseberries 9,321,000 quarts, and that of cranberries 31,601,000 quarts. The value of the separate kinds of small fruits was not called for by the agricultural schedule at the Twelfth Census.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## SMALL FRUITS—ACREAGE, PRODUCTION, AND VALUE, BY STATES.

Table 61

Table 61	ALL SMALL FRUITS.						ACREAGE: 1909							
	Acreage.		Production (quarts).		Value.		Strawberries.	Blackberries and dewberries.	Raspberries and loganberries.	Currants.	Gooseberries.	Cranberries.	All other small fruits.	
	1909	1899	1909	1899	1909	1899								
United States.....	272,460	309,770	426,565,863	463,218,612	\$29,974,481	\$25,029,757	143,045	49,004	48,668	7,862	4,765	18,431	685	
NEW ENGLAND:														
Maine.....	1,290	1,585	2,285,415	1,754,688	233,124	157,679	698	145	127	80	59	151	(1)	
New Hampshire.....	618	730	998,244	1,261,176	107,365	116,830	310	67	85	42	5	109	(1)	
Vermont.....	469	418	826,122	930,260	92,039	85,121	276	47	80	58	6	1	1	
Massachusetts.....	9,532	8,346	29,260,143	25,882,372	1,676,790	1,460,714	2,015	287	388	243	42	6,577	(1)	
Rhode Island.....	281	381	437,590	789,668	43,033	51,292	140	16	34	12	8	70	1	
Connecticut.....	1,597	1,987	3,823,522	3,838,502	316,752	278,373	993	128	289	54	9	123	1	
MIDDLE ATLANTIC:														
New York.....	22,496	25,051	37,857,820	40,375,854	2,875,495	2,538,363	6,382	1,951	11,057	2,557	259	277	13	
New Jersey.....	24,099	25,350	38,822,987	28,339,302	1,954,125	1,406,049	8,684	4,332	1,744	124	155	9,080	.....	
Pennsylvania.....	8,678	12,271	13,630,047	19,260,560	1,175,016	1,268,827	4,136	1,235	2,594	558	139	4	12	
EAST NORTH CENTRAL:														
Ohio.....	11,591	21,121	15,721,023	33,736,030	1,296,343	1,767,357	4,706	2,425	3,869	359	226	3	3	
Indiana.....	5,919	13,115	7,424,831	22,088,205	612,725	1,113,527	2,574	1,347	1,412	165	274	4	143	
Illinois.....	11,723	16,794	13,002,676	26,129,216	1,109,747	1,293,233	5,410	3,503	1,945	252	603	10	(1)	
Michigan.....	21,419	29,197	27,214,659	40,168,178	2,028,865	1,680,249	8,051	2,973	8,786	609	297	202	501	
Wisconsin.....	6,305	12,389	9,782,779	15,459,026	765,437	835,119	2,863	407	964	298	82	1,689	2	
WEST NORTH CENTRAL:														
Minnesota.....	3,738	3,002	4,476,575	4,542,640	493,406	339,569	1,873	145	1,388	200	71	61	(1)	
Iowa.....	7,211	9,635	10,344,032	11,327,132	966,894	878,447	2,917	2,279	1,573	253	189	(1)	(1)	
Missouri.....	17,099	14,860	23,696,221	21,484,920	1,761,409	1,050,811	9,048	5,975	1,331	92	555	8	(1)	
North Dakota.....	399	67	285,696	70,152	39,641	7,785	88	2	85	138	86	(1)	.....	
South Dakota.....	419	161	401,295	165,744	47,293	16,629	226	5	66	67	55	(1)	(1)	
Nebraska.....	1,411	1,171	1,594,421	1,211,630	159,169	98,159	562	428	247	86	88	(1)	(1)	
Kansas.....	5,400	5,824	5,477,274	6,572,036	454,200	406,464	1,719	2,682	713	98	158	(1)	(1)	
SOUTH ATLANTIC:														
Delaware.....	8,687	10,599	14,425,209	13,670,380	649,732	461,621	7,194	1,256	223	3	11	.....	.....	
Maryland.....	16,595	17,522	26,277,054	27,957,590	1,227,548	1,181,054	14,292	1,180	846	36	241	(1)	(1)	
District of Columbia.....	12	82	24,109	126,332	1,875	7,855	11	(1)	(1)	1	(1)	.....	.....	
Virginia.....	7,295	8,796	11,342,980	13,473,920	671,843	765,097	6,606	344	276	5	22	40	2	
West Virginia.....	2,913	1,994	2,336,562	2,388,070	191,002	149,391	709	1,292	847	30	30	.....	.....	
North Carolina.....	6,701	6,837	12,827,427	11,934,060	853,076	599,963	5,420	1,233	40	3	5	(1)	.....	
South Carolina.....	836	591	1,408,099	959,305	113,254	59,486	815	38	2	1	(1)	.....	.....	
Georgia.....	988	1,634	1,262,155	1,597,928	111,754	90,785	890	67	29	1	1	(1)	(1)	
Florida.....	1,356	1,348	2,396,573	1,770,980	302,383	189,867	1,343	13	(1)	(1)	.....	.....	.....	
EAST SOUTH CENTRAL:														
Kentucky.....	4,387	6,126	4,972,702	8,862,560	357,597	435,462	1,553	2,141	564	14	115	.....	(1)	
Tennessee.....	12,539	12,944	13,895,493	15,200,120	923,613	593,092	10,761	1,514	253	2	9	.....	(1)	
Alabama.....	1,232	761	1,907,193	953,579	165,386	54,097	1,167	53	11	(1)	1	(1)	(1)	
Mississippi.....	836	1,549	1,407,301	1,735,480	107,171	141,009	772	58	5	(1)	1	(1)	(1)	
WEST SOUTH CENTRAL:														
Arkansas.....	8,302	10,819	8,965,572	14,097,990	601,722	604,323	7,361	525	123	4	19	(1)	(1)	
Louisiana.....	3,587	1,408	6,420,207	1,856,510	486,988	172,803	3,570	16	1	.....	.....	.....	.....	
Oklahoma.....	2,745	21,388	2,310,367	21,475,799	202,291	292,223	825	1,792	85	36	7	.....	(1)	
Texas.....	5,033	3,904	6,182,742	5,208,920	480,331	304,680	2,161	2,773	104	6	9	.....	.....	
MOUNTAIN:														
Montana.....	562	554	766,791	1,033,885	86,586	79,891	265	34	113	115	35	(1)	.....	
Idaho.....	1,673	957	2,071,141	1,246,110	201,525	95,115	698	170	496	167	142	(1)	(1)	
Wyoming.....	106	37	96,883	37,330	13,984	4,964	24	(1)	14	41	27	(1)	(1)	
Colorado.....	2,829	2,347	4,294,988	3,649,230	398,836	294,385	1,326	228	801	282	192	.....	.....	
New Mexico.....	66	48	76,532	59,690	9,335	5,768	20	10	12	7	17	(1)	(1)	
Arizona.....	76	79	112,190	129,470	12,987	12,265	58	16	1	1	(1)	.....	.....	
Utah.....	1,416	1,052	3,118,395	1,694,730	217,327	117,489	719	95	374	128	100	.....	.....	
Nevada.....	37	53	50,287	76,800	5,683	8,786	5	1	9	11	11	.....	.....	
PACIFIC:														
Washington.....	5,508	2,845	13,490,930	5,405,996	941,415	326,646	3,283	769	1,210	127	114	5	(1)	
Oregon.....	5,122	3,470	9,348,490	6,645,534	641,194	386,632	2,941	431	1,460	89	186	14	.....	
California.....	9,687	6,281	26,824,120	14,381,951	1,789,214	911,411	4,585	2,576	1,902	407	74	53	(1)	

<sup>1</sup> Reported in small fractions.<sup>2</sup> Includes Indian Territory.

Orchard fruits (Table 62).—Neither in 1910 nor in 1900 did the census schedules call for the acreage of orchard fruits, but at both censuses the number of trees of bearing age was called for, and at the later census also the number not of bearing age. In the report of the census of 1900, however, the belief was expressed that some trees not of bearing age were reported by the enumerators as of bearing age. This doubtless accounts wholly or in part for the decrease in the reported number of trees of bearing age for all classes of orchard fruits combined, from 369,377,000 in 1900 to 301,117,000 in 1910. Decreases also appear in the totals for the United States for every kind of orchard fruit which was reported separately. The number of trees which were not of bearing age in 1910 was 130,973,000. The total production of orchard fruits in 1909 was 214,684,000 bushels, or only slightly more than in 1899, but all the kinds of fruit except apples, in which there was a decrease, show high percentages

of increase. The value of all orchard fruits in 1909, however, \$140,867,000, was 68.2 per cent greater than the value in 1899, and represented 2.6 per cent of the total value of farm crops.

The production of orchard fruits as a group is very widely distributed throughout the country. As measured by number of trees of bearing age in 1910, the East North Central was the leading division, followed by the West North Central and the South Atlantic; but as determined by value of fruit produced in 1909 the ranking is quite different, the Middle Atlantic division standing first, the Pacific division second, and the East North Central third. The leading states in the value of fruit produced are California and New York.

Apples are much the most important of the orchard fruits, their value in 1909 being 59.1 per cent of the total. Peaches and nectarines rank next, with 20.4 per cent of the total, followed by plums and prunes, pears, cherries, and apricots and quinces in the order named.



Definite conclusions as to the relative importance of different states can not always be drawn from the number of trees of bearing age, since the trees in some states are much more prolific than in others, nor does the production of any given year furnish an altogether satisfactory index, since weather conditions may be favorable in one part of the country and unfavorable in another.

## ORCHARD FRUITS—TREES, PRODUCTION, AND VALUE.

Table 62 DIVISION OR STATE.	Trees of bearing age: 1910	Trees not of bearing age: 1910	PRODUCTION (BUSHEL). <sup>1</sup>		VALUE.	
			1909	1899	1909	1899 <sup>1</sup>
U. S. ....	301,117,277	130,973,352	214,683,695	212,365,600	\$140,867,347	\$83,750,961
<b>GEOG. DIVS.</b>						
New Eng. ....	9,505,622	2,904,978	11,235,537	12,006,412	7,327,873	4,329,590
Mid. Atl. ....	33,977,615	15,475,107	45,114,602	57,577,644	28,641,924	21,113,717
E. N. C. ....	55,722,972	21,645,205	33,927,577	50,679,428	24,366,592	17,029,503
W. N. C. ....	52,805,414	15,211,756	25,513,930	15,403,365	14,763,345	7,347,031
S. Atl. ....	45,951,571	17,881,177	25,544,353	29,650,477	15,706,294	8,581,087
E. S. C. ....	25,275,885	10,443,210	20,042,253	13,444,525	11,110,041	4,340,252
W. S. C. ....	38,179,158	18,022,455	7,058,045	6,664,017	5,329,866	3,205,090
Mountain ....	7,685,221	9,718,919	7,478,000	1,646,677	7,648,546	1,371,803
Pacific ....	32,013,819	19,670,545	38,709,421	25,393,055	25,972,866	16,432,288
<b>NEW ENG.</b>						
Me. ....	3,586,452	1,090,768	3,694,251	1,438,919	2,207,748	833,634
N. H. ....	1,368,937	271,153	1,165,044	2,017,880	719,777	707,729
Vt. ....	1,266,700	252,401	1,492,499	1,191,429	801,365	450,429
Mass. ....	1,698,220	591,796	2,763,679	3,158,781	2,074,270	1,170,808
R. I. ....	215,798	94,564	245,822	300,298	197,039	155,571
Conn. ....	1,369,515	604,296	1,874,242	3,839,105	1,327,074	1,011,359
<b>MD. ATL.</b>						
N. Y. ....	17,625,093	7,363,614	29,456,291	26,172,310	17,988,894	10,542,272
N. J. ....	3,165,749	2,190,236	2,372,358	6,168,480	1,975,044	2,594,981
Pa. ....	13,186,773	5,921,257	13,285,953	25,236,854	8,677,986	7,976,464
<b>E. N. C.</b>						
Ohio. ....	14,933,813	5,603,742	6,711,208	21,399,273	5,691,530	6,141,118
Ind. ....	10,050,759	3,787,631	4,713,537	9,304,482	3,709,275	3,166,338
Ill. ....	15,033,743	3,919,267	4,939,211	9,767,211	3,857,743	3,778,811
Mich. ....	12,842,827	6,679,949	15,230,104	9,859,862	9,020,842	3,675,845
Wis. ....	2,861,830	1,654,616	2,343,517	348,600	2,087,202	267,391
<b>W. N. C.</b>						
Minn. ....	1,644,590	1,787,107	1,066,659	143,655	801,112	109,600
Iowa. ....	9,208,387	2,802,548	7,234,108	3,456,422	4,283,873	1,849,767
Mo. ....	23,128,107	5,748,159	11,967,399	6,805,501	6,582,578	2,944,175
N. Dak. ....	40,290	128,037	5,685	1,647	9,688	1,061
S. Dak. ....	599,586	721,924	229,907	26,401	209,339	29,568
Nebr. ....	5,061,984	1,750,584	3,572,253	1,456,053	1,932,124	684,751
Kans. ....	13,122,464	2,273,397	1,447,849	3,513,686	944,631	1,728,650
<b>S. ATL.</b>						
Del. ....	2,102,313	575,897	309,274	884,797	195,766	263,127
Md. ....	3,501,774	1,671,435	2,577,359	3,710,666	1,517,400	1,266,047
D. C. ....	3,583	74	3,655	1,002	3,169	773
Va. ....	9,009,799	4,031,587	6,581,101	10,497,401	3,582,359	2,662,483
W. Va. ....	6,770,384	4,589,587	4,709,959	7,642,193	3,040,192	2,155,509
N. C. ....	8,162,464	2,971,879	6,324,301	5,124,959	3,248,036	1,269,614
S. C. ....	2,169,986	723,802	1,132,668	432,173	956,376	272,794
Ge. ....	13,179,852	2,517,378	3,670,830	1,028,833	2,930,793	497,847
Fla. ....	451,416	199,448	235,188	228,453	232,303	192,893
<b>E. S. C.</b>						
Ky. ....	8,722,441	3,595,244	9,447,858	6,286,174	4,506,950	1,943,645
Tenn. ....	8,959,070	3,734,080	6,484,550	5,599,688	3,459,077	1,479,915
Ala. ....	5,039,618	1,759,888	2,475,540	947,736	1,818,508	476,574
Miss. ....	2,554,756	1,353,998	1,634,305	610,927	1,325,506	440,118
<b>W. S. C.</b>						
Ark. ....	15,531,761	7,258,166	4,437,917	3,359,865	3,011,377	1,252,203
La. ....	1,206,920	405,825	392,607	283,087	314,027	225,476
Okla. ....	8,880,445	5,307,392	1,137,288	1,661,334	943,464	1,382,588
Tex. ....	12,500,032	4,961,072	1,090,233	2,359,731	1,060,998	1,345,423
<b>MOUNTAIN.</b>						
Mont. ....	749,104	1,363,798	591,088	45,192	609,078	59,414
Idaho. ....	1,519,389	2,036,308	924,223	452,000	863,516	365,224
Wyo. ....	33,497	97,013	18,586	1,145	39,774	1,420
Colo. ....	2,947,020	3,151,784	4,565,849	354,049	4,651,792	378,119
N. Mex. ....	803,068	1,282,211	504,059	267,835	519,677	197,331
Ariz. ....	152,340	116,988	153,885	113,306	241,110	96,764
Utah. ....	1,385,681	1,641,755	633,739	397,863	640,904	263,098
Nev. ....	94,222	29,002	86,576	15,287	82,695	10,433
<b>PACIFIC.</b>						
Wash. ....	4,944,889	6,951,251	4,244,670	1,180,357	4,274,124	999,487
Oreg. ....	4,583,735	4,309,232	4,423,244	1,522,002	3,339,845	906,015
Cal. ....	22,485,195	8,410,062	30,101,507	22,690,096	18,358,897	14,526,786

<sup>1</sup> Includes value of dried fruits, cider, vinegar, etc.

<sup>2</sup> Includes Indian Territory.

Apples (Table 63).—The number of apple trees of bearing age in 1910 was 151,323,000, and there were 65,792,000 trees not of bearing age. The production in 1909 was 146,122,000 bushels, as compared with 175,398,000 bushels in 1899, a decrease of 16.7 per cent. The value of the apple crop in 1909 was

\$83,231,000 or 1.5 per cent of the total value of all crops. Values were not reported for individual kinds of fruit in 1899.

While apple production is widely distributed, the leading geographic divisions are the Middle Atlantic, East North Central, and West North Central. There is, however, a marked development in the western sections of the country, which in part explains the fact that in 1910 the ratio of the number of trees not of bearing age to the number of bearing age was much higher in the West South Central, Mountain, and Pacific divisions than in any of the more easterly divisions except the South Atlantic.

## APPLES—TREES, PRODUCTION, AND VALUE.

Table 63  DIVISION OR STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
United States.....	151,322,840	65,791,848	146,122,318	\$83,231,492	175,397,600
GEOGRAPHIC DIVISIONS:					
New England.....	8,219,152	2,094,512	10,508,457	6,272,726	11,649,204
Middle Atlantic.....	20,302,285	5,849,449	37,864,532	19,836,752	52,812,804
East North Central.....	34,134,909	10,610,319	25,080,615	14,669,289	47,650,809
West North Central.....	31,744,757	9,724,963	22,633,470	11,792,016	14,322,739
South Atlantic.....	20,673,712	10,064,819	18,375,485	9,461,189	26,772,835
East South Central.....	12,273,277	5,386,555	13,163,180	6,073,710	12,409,702
West South Central.....	11,838,069	7,224,590	3,240,108	2,085,200	3,805,702
Mountain.....	4,614,667	6,679,166	5,718,372	5,536,183	882,598
Pacific.....	7,522,012	8,157,445	9,538,099	7,484,367	5,091,106
NEW ENGLAND:					
Maine.....	3,476,616	1,045,123	3,636,181	2,121,816	1,421,773
New Hampshire.....	1,240,889	207,289	1,108,424	637,990	1,978,797
Vermont.....	1,183,529	219,833	1,459,089	752,337	1,176,822
Massachusetts.....	1,367,379	355,868	2,550,259	1,780,290	3,023,436
Rhode Island.....	152,009	54,500	212,908	147,125	339,445
Connecticut.....	798,734	211,839	1,540,996	833,168	3,708,691
MIDDLE ATLANTIC:					
New York.....	11,248,203	2,828,515	25,409,324	13,343,028	24,111,257
New Jersey.....	1,053,626	519,749	1,406,778	956,108	4,640,896
Pennsylvania.....	8,000,456	2,601,185	11,048,430	5,557,616	24,060,651
EAST NORTH CENTRAL:					
Ohio.....	8,504,886	2,438,246	4,663,752	2,970,851	20,617,480
Indiana.....	5,764,821	1,961,974	2,759,134	1,730,811	8,620,278
Illinois.....	9,900,627	2,548,301	3,063,321	2,111,866	9,178,150
Michigan.....	7,534,343	2,253,072	12,332,296	5,969,080	8,031,569
Wisconsin.....	2,430,232	1,408,726	2,232,112	1,896,681	303,373
WEST NORTH CENTRAL:					
Minnesota.....	1,380,396	1,571,816	1,044,156	769,114	120,143
Iowa.....	5,847,034	1,914,325	6,746,668	3,550,729	3,129,863
Missouri.....	14,359,673	3,624,833	9,968,977	4,885,544	6,496,436
North Dakota.....	15,941	70,023	4,374	7,270	1,273
South Dakota.....	274,862	460,547	191,784	158,729	17,121
Nebraska.....	2,937,178	967,133	3,321,073	1,612,765	1,345,497
Kansas.....	6,929,673	1,116,316	1,356,438	807,805	3,214,407
SOUTH ATLANTIC:					
Delaware.....	429,753	263,813	183,094	115,371	702,920
Maryland.....	1,288,482	660,685	1,822,824	902,077	3,150,673
District of Columbia.....	1,654	29	2,952	2,162	283
Virginia.....	7,094,548	3,435,591	6,103,941	3,129,832	9,835,982
West Virginia.....	4,570,948	2,772,025	4,225,163	2,461,074	7,495,743
North Carolina.....	4,910,171	1,835,337	4,775,093	2,014,670	4,662,751
South Carolina.....	581,767	269,044	362,890	276,410	251,728
Georgia.....	1,878,209	822,327	895,613	555,744	670,889
Florida.....	8,180	5,968	3,405	3,849	1,806
EAST SOUTH CENTRAL:					
Kentucky.....	5,538,267	2,106,297	7,368,499	3,066,776	6,053,717
Tennessee.....	4,838,922	2,117,246	4,640,444	2,172,475	5,387,775
Alabama.....	1,468,436	737,689	888,396	620,745	719,175
Mississippi.....	427,652	425,323	265,841	213,714	249,035
WEST SOUTH CENTRAL:					
Arkansas.....	7,650,103	3,940,089	2,296,043	1,322,785	2,811,182
Louisiana.....	93,304	96,544	33,875	28,744	68,735
Oklahoma.....	2,953,810	2,060,384	742,182	573,076	1,333,800
Texas.....	1,138,852	1,127,573	168,008	160,655	591,985
MOUNTAIN:					
Montana.....	696,753	1,308,066	567,054	566,938	43,939
Idaho.....	1,005,668	1,539,896	659,959	610,504	223,662
Wyoming.....	27,773	84,024	17,836	37,580	989
Colorado.....	1,688,425	1,972,914	3,559,094	3,405,442	257,563
New Mexico.....	542,528	914,254	417,143	420,536	142,332
Arizona.....	62,027	53,884	72,814	109,385	73,871
Utah.....	517,039	789,260	350,023	319,691	189,882
Nevada.....	74,454	16,868	74,449	66,097	10,760
PACIFIC:					
Washington.....	3,009,337	4,802,702	2,672,100	2,925,761	728,978
Oregon.....	2,029,913	2,240,636	1,930,928	1,656,944	873,980
California.....	2,482,762	1,054,107	4,903,073	2,901,662	3,488,280



Peaches and nectarines (Table 64).—The number of peach and nectarine trees of bearing age April 15, 1910, was 94,507,000, and the number not of bearing age 42,266,000. The value of peaches and nectarines produced in 1909 was \$28,781,000. The production is very widely distributed. In number of trees of bearing age in 1910 the West South Central division ranked first and the South Atlantic division second; but in the production of 1909 the Pacific division (in which nearly the entire production is in California) decidedly outranked all others, with the East South Central division second and the South Atlantic third.

PEACHES AND NECTARINES—TREES, PRODUCTION, AND VALUE.

Table 64	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
United States.....	94,506,657	42,266,243	35,470,276	\$28,781,078	15,432,603
GEOGRAPHIC DIVISIONS:					
New England.....	723,810	572,237	406,903	632,411	104,737
Middle Atlantic.....	6,066,690	5,759,925	3,201,403	4,018,034	1,231,242
East North Central.....	11,035,119	6,972,375	5,120,841	5,172,957	716,670
West North Central.....	13,265,526	2,582,028	1,643,257	1,250,944	212,932
South Atlantic.....	20,583,445	6,137,901	5,571,628	4,888,459	1,412,471
East South Central.....	10,312,768	3,865,232	5,775,799	4,098,776	549,226
West South Central.....	22,284,966	8,734,532	3,279,545	2,761,044	2,192,353
Mountain.....	1,605,285	1,696,111	940,168	1,071,446	267,365
Pacific.....	8,639,048	5,945,882	9,530,642	4,887,007	8,745,607
NEW ENGLAND:					
Maine.....	5,102	3,320	2,014	3,205	1,895
New Hampshire.....	57,571	35,213	23,218	37,884	6,054
Vermont.....	5,492	2,187	2,221	4,399	967
Massachusetts.....	154,592	162,114	91,756	138,716	27,906
Rhode Island.....	39,342	30,795	17,794	30,609	6,140
Connecticut.....	461,711	338,698	269,990	417,598	61,775
MIDDLE ATLANTIC:					
New York.....	2,457,187	2,216,907	1,736,483	2,014,088	466,850
New Jersey.....	1,216,476	1,363,632	441,440	652,771	620,928
Pennsylvania.....	2,383,027	2,170,386	1,023,570	1,351,175	143,464
EAST NORTH CENTRAL:					
Ohio.....	3,133,368	2,092,300	1,036,340	1,349,311	240,686
Indiana.....	2,130,298	1,145,479	1,174,389	1,123,248	69,333
Illinois.....	2,860,120	739,358	1,222,570	999,516	66,805
Michigan.....	2,907,170	2,991,090	1,686,586	1,700,330	339,637
Wisconsin.....	4,163	4,148	956	552	209
WEST NORTH CENTRAL:					
Minnesota.....	1,571	3,837	599	659	190
Iowa.....	1,090,749	283,308	23,180	24,950	5,481
Missouri.....	6,588,034	1,404,429	1,484,548	1,110,550	61,006
North Dakota.....	90	604	35	71	.....
South Dakota.....	1,815	5,259	148	167	13
Nebraska.....	1,188,373	263,882	110,180	91,129	8,753
Kansas.....	4,394,894	620,709	24,567	23,418	137,489
SOUTH ATLANTIC:					
Delaware.....	1,177,402	212,117	16,722	21,402	9,730
Maryland.....	1,497,724	805,063	324,609	361,617	172,303
District of Columbia.....	330	1	3	3	3
Virginia.....	1,585,505	780,551	243,446	227,141	357,339
West Virginia.....	1,424,582	1,441,188	328,901	368,584	18,100
North Carolina.....	2,661,791	861,042	1,344,410	1,041,767	373,663
South Carolina.....	1,336,142	349,790	643,040	557,303	259,472
Georgia.....	10,609,119	1,531,367	2,555,499	2,182,613	259,728
Florida.....	290,850	156,782	114,908	128,029	92,113
EAST SOUTH CENTRAL:					
Kentucky.....	2,245,402	1,110,744	1,623,379	1,092,138	34,700
Tennessee.....	3,163,737	1,190,727	1,579,019	1,055,379	77,678
Alabama.....	3,177,331	838,866	1,416,584	1,055,971	184,543
Mississippi.....	1,726,298	724,895	1,156,817	925,288	252,305
WEST SOUTH CENTRAL:					
Arkansas.....	6,829,962	2,884,927	1,901,647	1,502,996	333,642
Louisiana.....	903,352	316,132	290,623	228,084	153,808
Oklahoma.....	4,783,825	2,574,680	357,644	326,315	1,304,663
Texas.....	9,737,827	2,958,813	729,631	703,649	1,400,240
MOUNTAIN:					
Montana.....	538	3,386	128	235	17
Idaho.....	73,080	212,995	18,734	28,149	17,793
Wyoming.....	46	419	5	30	.....
Colorado.....	793,372	606,001	692,258	764,561	47,381
New Mexico.....	136,191	184,466	32,533	37,185	76,204
Arizona.....	51,415	32,562	50,102	80,325	38,092
Utah.....	544,314	651,233	143,237	156,451	85,315
Nevada.....	6,329	5,049	3,171	4,500	2,563
PACIFIC:					
Washington.....	536,875	1,028,141	84,494	118,819	80,990
Oregon.....	273,162	508,179	179,030	194,314	101,190
California.....	7,829,011	4,409,562	9,267,118	4,573,775	8,563,427

<sup>1</sup> Includes Indian Territory.

Pears (Table 65).—The number of pear trees reported as of bearing age in 1910 was 15,172,000, and there were 8,804,000 trees not of bearing age. The production increased from 6,625,000 bushels in 1899 to 8,841,000 bushels in 1909, or 33.4 per cent. The value of the crop in 1909 was \$7,911,000. In number of trees of bearing age in 1910, the Middle Atlantic and East North Central divisions ranked far above the others, but in the production for 1909 the Pacific division stood first. California and New York together produced about three-eighths of the total pear crop. Only one other state, Michigan, reported the production of more than 500,000 bushels of pears.

PEARS—TREES, PRODUCTION, AND VALUE.

Table 65	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
United States.....	15,171,524	8,803,885	8,840,733	\$7,911,000	6,625,417
GEOGRAPHIC DIVISIONS:					
New England.....	296,874	97,650	233,845	258,816	183,728
Middle Atlantic.....	3,670,094	2,123,242	2,185,204	2,029,040	2,185,165
East North Central.....	3,560,083	1,441,505	1,623,176	1,331,712	782,265
West North Central.....	1,154,426	589,140	213,678	239,838	86,804
South Atlantic.....	2,325,714	880,461	975,162	680,275	745,294
East South Central.....	831,618	506,959	536,422	450,042	180,128
West South Central.....	1,045,143	936,230	191,518	192,736	225,265
Mountain.....	312,449	417,182	268,205	371,306	133,482
Pacific.....	1,975,123	1,811,516	2,613,523	2,356,835	2,103,286
NEW ENGLAND:					
Maine.....	46,683	13,013	38,964	43,524	11,200
New Hampshire.....	36,816	9,397	24,224	25,205	19,341
Vermont.....	26,315	7,726	20,763	23,788	10,239
Massachusetts.....	113,365	38,378	96,071	110,069	89,011
Rhode Island.....	16,907	5,405	12,501	14,577	12,432
Connecticut.....	56,788	23,731	41,322	41,632	41,485
MIDDLE ATLANTIC:					
New York.....	2,141,596	1,502,661	1,343,089	1,418,218	960,170
New Jersey.....	711,616	238,401	463,290	254,582	790,818
Pennsylvania.....	796,882	382,180	378,825	356,240	434,177
EAST NORTH CENTRAL:					
Ohio.....	899,019	333,739	374,871	332,727	244,565
Indiana.....	708,723	229,548	319,925	243,698	231,713
Illinois.....	786,349	234,037	249,365	207,965	133,745
Michigan.....	1,136,151	623,931	666,023	535,771	170,702
Wisconsin.....	29,841	20,250	12,992	16,551	1,640
WEST NORTH CENTRAL:					
Minnesota.....	2,792	4,135	400	465	226
Iowa.....	191,125	123,262	44,449	58,777	5,014
Missouri.....	606,973	272,213	142,547	148,789	58,449
North Dakota.....	24	327	8	15	1
South Dakota.....	1,844	5,087	162	447	157
Nebraska.....	59,285	51,443	6,700	9,802	979
Kansas.....	292,383	132,673	19,412	21,543	21,978
SOUTH ATLANTIC:					
Delaware.....	449,692	90,917	105,357	52,022	156,208
Maryland.....	540,583	138,152	367,359	168,561	301,702
District of Columbia.....	1,045	32	455	412	468
Virginia.....	457,177	255,083	74,496	63,424	88,400
West Virginia.....	154,908	102,826	29,916	32,101	19,475
North Carolina.....	243,367	150,368	84,019	81,347	25,521
South Carolina.....	105,251	54,732	65,680	67,685	20,439
Georgia.....	262,982	69,534	149,667	134,604	49,497
Florida.....	110,709	18,817	98,223	80,119	83,584
EAST SOUTH CENTRAL:					
Kentucky.....	337,355	131,905	251,536	187,951	76,940
Tennessee.....	233,407	174,675	83,557	78,448	43,609
Alabama.....	142,300	99,170	100,041	86,866	22,656
Mississippi.....	118,556	101,209	101,288	96,777	36,923
WEST SOUTH CENTRAL:					
Arkansas.....	221,764	196,753	37,547	38,140	24,503
Louisiana.....	57,630	38,242	35,554	31,069	29,405
Oklahoma.....	207,271	252,336	7,450	9,248	14,939
Texas.....	558,478	448,899	110,967	114,279	166,418
MOUNTAIN:					
Montana.....	10,297	12,806	7,543	12,008	24
Idaho.....	65,113	76,039	42,649	48,045	25,324
Wyoming.....	178	901	16	65	3
Colorado.....	99,989	171,367	132,536	210,685	19,272
New Mexico.....	37,220	100,201	29,435	29,688	14,777
Arizona.....	15,351	12,852	13,289	21,331	13,197
Utah.....	79,355	39,901	38,654	44,365	59,982
Nevada.....	3,946	2,215	4,083	5,119	903
PACIFIC:					
Washington.....	290,676	617,754	310,804	328,895	78,236
Oregon.....	273,542	795,669	374,622	366,977	112,225
California.....	1,410,905	398,093	1,928,097	1,660,963	1,912,825

<sup>1</sup> Includes Indian Territory.



**Plums and prunes (Table 66).**—Plum and prune trees of bearing age in 1910 numbered 23,445,000 and those not of bearing age 6,924,000. The production in 1909 was 15,480,000 bushels, or 76.6 per cent greater than that in 1899, 8,764,000 bushels. The value of the crop in 1909 was \$10,299,000. The Pacific division in 1910 had over two-fifths of the trees of bearing age, and in 1909 produced nearly four-fifths of the total crop. New York is the most important of the eastern states in the production of plums and prunes.

PLUMS AND PRUNES—TREES, PRODUCTION, AND VALUE.

Table 66	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
<b>United States.....</b>	<b>23,445,000</b>	<b>6,923,581</b>	<b>15,480,170</b>	<b>\$10,299,495</b>	<b>8,764,032</b>
<b>GEOGRAPHIC DIVISIONS:</b>					
New England.....	176,038	90,498	62,733	110,178	24,976
Middle Atlantic.....	1,709,712	845,001	858,274	928,673	428,583
East North Central.....	2,739,635	976,854	568,383	674,671	596,753
West North Central.....	3,570,012	1,114,862	499,784	535,374	428,048
South Atlantic.....	1,152,080	363,099	267,912	236,221	190,561
East South Central.....	1,324,616	372,010	442,125	314,199	228,558
West South Central.....	2,337,965	744,987	327,260	267,703	397,266
Mountain.....	678,268	265,810	366,056	319,651	248,223
Pacific.....	9,756,683	2,150,460	12,097,643	6,912,825	6,221,064
<b>NEW ENGLAND:</b>					
Maine.....	43,576	22,491	14,637	31,954	2,282
New Hampshire.....	23,152	12,562	7,542	14,039	4,942
Vermont.....	32,920	15,818	7,205	12,927	1,529
Massachusetts.....	41,345	23,871	17,814	28,253	5,919
Rhode Island.....	4,836	2,556	1,872	3,586	571
Connecticut.....	30,209	13,200	13,663	19,419	9,733
<b>MIDDLE ATLANTIC:</b>					
New York.....	919,017	328,329	553,522	519,192	303,688
New Jersey.....	46,547	23,071	9,594	13,476	24,685
Pennsylvania.....	744,148	493,601	295,158	396,005	100,210
<b>EAST NORTH CENTRAL:</b>					
Ohio.....	1,001,734	332,811	215,657	278,505	81,435
Indiana.....	566,988	177,931	77,065	89,073	131,529
Illinois.....	600,087	141,480	78,566	80,384	157,941
Michigan.....	464,917	253,479	181,188	205,765	213,682
Wisconsin.....	105,909	71,153	15,907	20,944	12,166
<b>WEST NORTH CENTRAL:</b>					
Minnesota.....	233,736	167,926	19,920	27,808	21,820
Iowa.....	1,155,041	245,281	158,036	192,421	186,312
Missouri.....	917,851	183,828	234,872	211,472	111,603
North Dakota.....	19,147	35,459	1,048	1,866	365
South Dakota.....	268,268	172,186	31,748	36,872	8,114
Nebraska.....	351,321	184,066	41,910	50,934	42,314
Kansas.....	624,648	126,116	12,250	14,001	57,520
<b>SOUTH ATLANTIC:</b>					
Delaware.....	27,115	3,872	657	540	7,315
Maryland.....	69,996	29,478	13,526	16,192	19,945
District of Columbia.....	104	8	10	24	.....
Virginia.....	171,667	59,127	22,597	22,772	21,167
West Virginia.....	234,859	125,078	32,948	48,522	19,123
North Carolina.....	168,883	45,503	61,406	45,274	22,074
South Carolina.....	82,212	21,657	48,754	37,555	16,177
Georgia.....	357,323	62,126	60,845	46,366	36,920
Florida.....	39,921	16,250	17,169	18,976	47,840
<b>EAST SOUTH CENTRAL:</b>					
Kentucky.....	355,858	128,367	139,346	102,446	76,574
Tennessee.....	499,627	108,510	139,093	86,743	73,315
Alabama.....	211,991	51,979	61,712	45,039	11,876
Mississippi.....	257,140	83,154	101,974	79,971	66,793
<b>WEST SOUTH CENTRAL:</b>					
Arkansas.....	731,276	179,967	194,649	137,003	174,734
Louisiana.....	149,929	41,419	31,473	24,641	29,682
Oklahoma.....	436,421	195,836	25,916	28,134	12,037
Texas.....	1,020,339	327,765	75,222	77,925	180,813
<b>MOUNTAIN:</b>					
Montana.....	21,140	15,001	8,777	11,642	373
Idaho.....	302,855	98,017	179,027	132,804	164,468
Wyoming.....	4,564	7,475	659	1,842	7
Colorado.....	143,921	68,525	81,539	81,354	15,224
New Mexico.....	51,257	42,351	15,528	17,054	18,492
Arizona.....	12,196	7,898	8,420	16,261	3,133
Utah.....	135,619	23,388	68,249	54,040	45,984
Nevada.....	6,716	3,155	3,857	4,654	542
<b>PACIFIC:</b>					
Washington.....	823,082	122,912	1,032,077	600,503	229,207
Oregon.....	1,764,896	427,609	1,747,587	838,783	359,821
California.....	7,168,706	1,599,959	9,317,979	5,473,539	5,632,036

\* Includes Indian Territory.

**Cherries (Table 67).**—The number of cherry trees of bearing age in 1910 was 11,822,000, while trees not of bearing age numbered 5,622,000. The production in 1909 was 4,126,000 bushels, or 43.6 per cent more than that in 1899, 2,873,000 bushels. The crop in 1909 was valued at \$7,231,000. The East North Central was the leading division, both in number of trees and in production, while the Pacific division ranked second in production but third in number of trees not of bearing age and fifth in number of trees of bearing age.

CHERRIES—TREES, PRODUCTION, AND VALUE.

Table 67	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
<b>United States.....</b>	<b>11,822,044</b>	<b>5,621,660</b>	<b>4,126,099</b>	<b>\$7,231,160</b>	<b>2,873,499</b>
<b>GEOGRAPHIC DIVISIONS:</b>					
New England.....	68,236	32,587	14,904	38,424	23,445
Middle Atlantic.....	1,851,144	659,953	791,326	1,541,708	775,587
East North Central.....	3,853,974	1,523,247	1,410,298	2,362,344	851,326
West North Central.....	2,768,659	1,117,533	515,690	935,537	297,873
South Atlantic.....	1,063,825	364,118	327,706	394,990	391,799
East South Central.....	453,262	257,112	94,873	143,166	49,457
West South Central.....	385,502	242,569	9,954	14,401	13,635
Mountain.....	390,644	581,641	147,854	309,485	33,956
Pacific.....	996,798	842,900	813,494	1,500,105	436,421
<b>NEW ENGLAND:</b>					
Maine.....	14,288	6,653	2,403	7,164	1,550
New Hampshire.....	9,463	6,326	1,403	4,133	1,183
Vermont.....	18,006	6,659	2,506	7,651	1,099
Massachusetts.....	13,396	6,776	4,761	10,848	6,043
Rhode Island.....	964	453	214	464	1,329
Connecticut.....	12,119	5,720	3,617	8,164	12,271
<b>MIDDLE ATLANTIC:</b>					
New York.....	673,989	342,959	271,597	544,508	218,642
New Jersey.....	102,124	36,743	44,636	87,225	82,005
Pennsylvania.....	1,075,031	280,251	475,093	909,975	474,940
<b>EAST NORTH CENTRAL:</b>					
Ohio.....	1,144,271	342,328	338,644	657,406	192,954
Indiana.....	815,742	251,959	363,993	508,516	228,485
Illinois.....	843,283	239,695	287,376	433,474	204,279
Michigan.....	760,183	540,580	338,945	590,829	194,541
Wisconsin.....	290,495	148,775	81,340	132,119	31,067
<b>WEST NORTH CENTRAL:</b>					
Minnesota.....	25,139	38,399	1,526	2,973	960
Iowa.....	908,764	229,352	260,432	455,022	118,743
Missouri.....	622,332	247,425	123,314	222,510	62,708
North Dakota.....	5,076	21,484	209	445	4
South Dakota.....	51,613	76,293	5,924	12,981	900
Nebraska.....	494,468	267,529	89,876	164,872	54,047
Kansas.....	661,267	237,051	34,409	76,734	60,511
<b>SOUTH ATLANTIC:</b>					
Delaware.....	16,145	4,598	2,634	4,850	8,066
Maryland.....	82,305	27,774	42,315	60,121	60,432
District of Columbia.....	435	4	235	568	248
Virginia.....	352,783	83,323	132,671	134,428	188,693
West Virginia.....	332,429	124,567	79,723	111,043	87,828
North Carolina.....	168,065	74,111	53,788	60,453	33,899
South Carolina.....	60,274	25,764	10,987	15,880	6,551
Georgia.....	50,723	23,479	4,979	7,199	5,950
Florida.....	666	498	374	448	112
<b>EAST SOUTH CENTRAL:</b>					
Kentucky.....	212,118	102,766	52,163	74,340	34,258
Tennessee.....	201,830	128,406	36,303	60,294	11,688
Alabama.....	25,566	16,673	3,588	4,783	1,159
Mississippi.....	13,748	9,267	2,819	3,749	2,332
<b>WEST SOUTH CENTRAL:</b>					
Arkansas.....	60,046	47,556	5,993	8,424	7,880
Louisiana.....	975	760	327	921	336
Oklahoma.....	295,042	150,541	2,372	4,393	1,321
Texas.....	29,439	43,712	1,062	663	2,189
<b>MOUNTAIN:</b>					
Montana.....	19,938	24,237	7,497	17,985	807
Idaho.....	61,881	95,423	22,609	41,766	12,294
Wyoming.....	919	4,025	68	251	1
Colorado.....	203,806	319,624	88,937	173,895	5,387
New Mexico.....	21,925	26,818	6,384	10,684	5,228
Arizona.....	812	1,608	476	840	220
Utah.....	79,775	109,119	21,402	54,170	9,905
Nevada.....	1,588	787	481	894	114
<b>PACIFIC:</b>					
Washington.....	241,038	229,067	131,392	278,547	52,114
Oregon.....	223,456	313,770	181,089	269,934	65,347
California.....	522,304	300,063	501,013	951,624	318,960

\* Includes Indian Territory.



**Apricots (Table 68).**—The production of apricots is mainly confined to California, which produced 98 per cent of the total crop in 1909. In Kansas, Oklahoma, and Texas there are a good many apricot trees, but the production reported for 1909 was insignificant, perhaps because of temporarily unfavorable climatic conditions. The number of trees of bearing age in the United States in 1910, as reported, was 3,670,000. The production in 1909 was 4,150,000 bushels, or 57.1 per cent more than that in 1899. The value of the crop in 1909 was \$2,884,000.

**Quinces (Table 68).**—The production of quinces is much less important than that of the fruits previously mentioned. The total number of trees of bearing age in 1910 was 1,154,000, and of trees not of bearing age 595,000. The production in 1909, 429,000 bushels, was valued at \$517,000, New York, Ohio, and Pennsylvania being the leading states. This crop was not separately reported at the census of 1900.

#### APRICOTS AND QUINCES—TREES, PRODUCTION, AND VALUE.

STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
<b>Apricots, total...</b>	<b>3,669,714</b>	<b>956,202</b>	<b>4,150,263</b>	<b>\$2,884,119</b>	<b>2,642,128</b>
Arizona.....	6,665	6,992	6,849	10,053	40,578
California.....	2,992,453	581,524	4,066,823	2,768,921	2,547,064
Colorado.....	16,841	10,299	11,403	15,658	2,393
Kansas.....	187,381	28,134	374	*512	4,236
New York.....	16,050	3,557	9,805	14,490	15,710
Oklahoma.....	173,515	62,930	1,123	1,270	1,569
Oregon.....	10,656	18,128	4,616	7,727	1,665
Pennsylvania.....	10,363	7,576	2,502	4,497	1,634
Texas.....	66,533	47,895	1,839	2,364	1,620
Utah.....	28,978	28,639	12,047	12,037	5,272
Washington.....	36,088	80,722	10,789	17,280	5,254
All other states.....	124,191	79,826	22,093	29,310	16,163
<b>Quinces, total...</b>	<b>1,154,399</b>	<b>594,861</b>	<b>428,672</b>	<b>\$17,243</b>	<b>(*)</b>
California.....	76,979	65,471	32,638	26,266	
Connecticut.....	9,826	10,701	4,627	7,027	
Illinois.....	30,804	12,180	6,723	8,037	
Indiana.....	56,827	17,858	17,873	22,431	
Kentucky.....	29,893	12,313	11,537	11,757	
Maryland.....	20,936	9,145	6,359	8,383	
Massachusetts.....	7,484	4,531	2,863	5,754	
Michigan.....	35,461	15,302	13,484	16,858	
New Jersey.....	14,777	8,134	6,442	10,583	
New York.....	169,031	140,703	132,451	135,345	
Ohio.....	245,040	62,413	81,101	101,369	
Oregon.....	8,162	5,216	5,354	5,140	
Pennsylvania.....	176,849	77,071	62,350	102,431	
West Virginia.....	50,708	22,702	13,163	18,676	
All other states.....	221,682	131,061	31,707	37,186	

\* Includes Indian Territory.

\* Not reported separately.

**Grapes (Table 69).**—The total number of grapevines of bearing age in 1910 was 223,702,000, and the number not of bearing age 59,929,000. The production of grapes in 1909, 2,571,065,000 pounds, was nearly twice as great as in 1899. The value in 1909, \$22,028,000, represented 0.4 per cent of the total value of farm crops. The value given for 1899, \$14,090,000, is not precisely comparable with that for 1909, since it includes the value of such derived products as wine and raisins, while the value given for 1909 represents the fruit alone. Since, however,

in all states except California, the larger part of the grapes are sold in their natural condition, the values shown for most of the states are probably quite closely comparable.

#### GRAPES—VINES, PRODUCTION, AND VALUE.

Table 69 DIVISION OR STATE.	Number of vines of bearing age: 1910	Number of vines not of bearing age: 1910	PRODUCTION (POUNDS).		VALUE.	
			1909	1899	1909	1899 <sup>1</sup>
<b>U. S. ....</b>	<b>223,702,522</b>	<b>59,928,644</b>	<b>2,571,065,205</b>	<b>1,300,984,097</b>	<b>\$22,027,961</b>	<b>\$14,090,234</b>
<b>Geog. Divs.:</b>						
New Eng. ....	207,844	92,370	3,413,161	4,324,300	108,348	112,614
Mid. Atl. ....	38,676,641	12,613,556	293,527,780	299,058,493	4,945,342	3,484,987
E. N. C. ....	22,708,296	2,825,671	194,739,671	159,936,481	3,129,363	2,244,639
W. N. C. ....	9,222,514	1,740,265	41,088,852	40,735,442	1,156,625	870,382
S. Atl. ....	1,903,341	543,306	32,439,760	34,579,571	909,960	721,124
E. S. C. ....	1,308,203	265,641	8,145,715	14,817,562	348,397	356,687
W. S. C. ....	3,937,376	943,918	8,265,667	14,228,318	304,454	371,965
Mountain ....	636,328	537,267	4,858,195	5,286,730	128,532	115,206
Pacific ....	144,800,979	40,366,650	1,984,597,404	728,017,200	10,997,000	5,812,610
<b>NEW ENG.:</b>						
Me. ....	9,731	1,944	231,529	275,800	6,954	7,584
N. H. ....	15,802	3,016	375,164	487,500	10,926	14,462
Vt. ....	9,318	1,845	203,011	240,100	6,328	7,035
Mass. ....	58,277	14,261	1,132,838	1,308,300	30,858	35,685
R. I. ....	7,662	9,634	152,937	189,700	9,759	4,736
Conn. ....	107,054	61,670	1,317,682	1,822,900	43,523	43,112
<b>Mid. Atl.:</b>						
N. Y. ....	31,802,097	3,801,800	253,006,361	247,698,056	3,961,677	2,763,711
N. J. ....	1,603,280	538,945	6,501,221	4,235,000	132,957	81,758
Pa. ....	5,271,264	8,252,811	34,020,198	47,125,437	850,708	639,518
<b>E. N. CENT.:</b>						
Ohio ....	8,326,800	455,750	43,933,207	79,173,873	858,594	992,745
Ind. ....	1,049,232	149,441	12,817,353	18,651,380	287,707	350,304
Ill. ....	2,170,340	287,734	16,582,785	20,009,400	426,468	383,169
Mich. ....	11,013,576	1,869,648	120,085,997	41,530,369	1,531,057	503,298
Wis. ....	148,348	63,098	701,329	571,459	25,537	15,173
<b>W. N. CENT.:</b>						
Minn. ....	61,916	35,950	293,805	573,272	11,021	15,593
Iowa ....	1,983,465	446,126	11,708,336	7,403,900	330,078	166,360
Mo. ....	3,026,526	486,044	17,871,816	13,783,656	488,755	314,807
N. Dak. ....	379	1,464	390	1,500	14	108
S. Dak. ....	38,647	46,891	144,634	16,061	4,789	2,158
Nebr. ....	1,221,736	380,788	4,752,217	3,171,034	137,295	74,707
Kans. ....	2,889,845	343,002	6,317,684	15,786,019	184,673	296,649
<b>S. Atl.:</b>						
Del. ....	290,963	98,950	1,938,267	1,375,300	43,967	31,701
Md. ....	138,801	44,690	2,152,382	1,685,900	53,498	43,282
D. C. ....	5,196	200	28,539	34,300	1,059	539
Va. ....	424,701	136,026	4,108,694	3,608,903	156,266	87,737
W. Va. ....	284,074	76,465	3,224,751	2,192,147	92,834	50,874
N. C. ....	411,278	120,208	15,116,929	12,344,001	336,083	197,262
S. C. ....	79,708	19,704	2,016,506	3,323,835	88,620	82,706
Ga. ....	277,658	38,233	2,767,306	8,330,485	99,216	170,603
Fla. ....	20,962	8,830	1,086,344	1,684,700	38,357	56,420
<b>E. S. CENT.:</b>						
Ky. ....	605,002	77,626	3,680,182	5,134,215	137,326	112,350
Tenn. ....	338,758	76,040	1,979,480	4,355,122	85,423	120,199
Ala. ....	287,431	77,105	1,723,490	4,257,600	81,386	84,861
Miss. ....	77,012	34,870	760,563	1,070,625	44,262	39,277
<b>W. S. CENT.:</b>						
Ark. ....	805,921	177,624	2,593,727	3,621,100	97,983	104,803
La. ....	31,041	20,936	106,595	176,967	6,099	5,927
Okla. ....	2,388,213	447,489	3,762,727	* 6,344,031	122,045	* 134,880
Tex. ....	712,201	297,869	1,802,618	4,086,220	78,325	126,355
<b>MOUNTAIN:</b>						
Mont. ....	986	1,121	370	1,330	17	173
Idaho ....	68,209	124,806	604,227	277,200	18,814	5,721
Wyo. ....	74	1,147	159	1,200	32	50
Colo. ....	254,292	101,332	1,037,614	586,300	28,026	17,174
N. Mex. ....	250,076	122,367	425,415	1,515,900	16,101	33,717
Ariz. ....	131,579	84,510	837,842	1,697,200	25,371	24,779
Utah ....	204,445	94,043	1,576,363	920,000	28,126	27,736
Nev. ....	26,607	7,941	376,205	287,600	12,045	5,856
<b>PACIFIC:</b>						
Wash. ....	322,007	371,733	1,704,005	1,194,700	51,412	27,242
Oreg. ....	381,302	468,598	3,206,874	5,389,100	98,776	162,543
Calif. ....	144,097,670	39,526,319	1,979,686,525	721,433,400	10,846,812	5,622,825

<sup>1</sup> Includes value of wine, grape juice, raisins, etc.

\* Includes Indian Territory.

California had nearly two-thirds of the total number of vines of bearing age in 1910 and produced more than three-fourths of the total grape crop of 1909. The value of the California product, however, in 1909 represented slightly less than half of the total for the country. The two states which rank next in the



production of grapes are New York and Michigan, but they are raised to some extent in nearly every state. In California and Michigan the production increased greatly between 1899 and 1909.

**Tropical and subtropical fruits** (Tables 70 and 71).—The total value of tropical and subtropical fruits produced in 1909 was \$24,707,000, or nearly three times the value of such fruits produced in 1899. The value of citrus fruits was \$22,711,000, of figs \$804,000, of pineapples \$734,000, and that of olives \$405,000, other fruits being represented by relatively insignificant amounts. The value of the separate kinds of fruit was not reported for 1899. The production of citrus fruits in 1909 amounted to 23,502,000 boxes, as compared with 7,098,000 boxes in 1899—an increase of 231.1 per cent. To the value of the citrus fruits in 1909 oranges contributed \$17,566,000, lemons \$2,994,000, and grapefruit \$2,061,000. Much the greater part of the tropical and subtropical fruit produced in the United States is grown in California and Florida, the value of the product of the former state in 1909 constituting 67.8 per cent of the total, and that of the latter 28.7 per cent.

**Oranges.**—In 1910 the number of orange trees of bearing age was 9,738,000, and the number not of bearing age, 4,327,000.<sup>1</sup> The production in 1909 amounted to 19,487,000 boxes, or more than three times the number in 1899. The value of the 1909 crop was \$17,566,000. Nearly three-fourths of the 1909 crop was produced in California, and most of the remainder in Florida. The production in the latter state in 1909 was about eighteen times as great as in 1899, the crop of the earlier year having been greatly reduced by disastrous frosts.

**Lemons.**—There were 957,000 lemon trees of bearing age in the United States in 1910, and 396,000 not of bearing age. The production in 1909 amounted to 2,770,000 boxes, as compared with 877,000 boxes in 1899—an increase of 215.9 per cent. The value of the crop of 1909 was \$2,994,000, the average value per box being somewhat greater than in the case of oranges. Nearly the entire production of lemons was in California.

**Grapefruit.**—No other class of fruit shows so great an increase between 1899 and 1909 as pomelo, or grapefruit. While the crop of 1899 was affected by the frosts in Florida, the leading state in the growing of this fruit, the production during recent years has been very much greater than during even the most favorable years prior to 1900. The total number of grapefruit trees of bearing age in 1910 was 710,000, and of trees not of bearing age 641,000. The production in 1909 amounted to 1,189,000 boxes, as com-

pared with 31,000 boxes in 1899, and the crop was valued at \$2,061,000.

**Other citrus fruits.**—The other citrus fruits are relatively unimportant. They include limes, tangerines, and kumquats, chiefly produced in Florida, and mandarins, chiefly produced in Louisiana. The total production of limes amounted to only about 11,000 boxes, valued at slightly more than \$12,000. That of tangerines nearly 39,000 boxes, valued at almost \$69,000, while that of mandarins and kumquats was very small.

## CITRUS FRUITS—TREES, PRODUCTION, AND VALUE.

Table 70 STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (boxes).	Value.	Production (boxes).
All citrus fruits <sup>1</sup> .....	11,486,768	5,400,402	23,502,122	\$22,711,448	7,098,486
Oranges, total.....	9,737,927	4,327,271	19,487,481	17,566,464	6,187,891
Arizona.....	33,373	56,982	32,247	52,341	11,116
California.....	6,615,805	2,093,410	14,436,180	12,951,505	5,882,193
Florida.....	2,766,618	1,097,896	4,852,967	4,304,987	273,235
Louisiana.....	266,116	155,016	149,979	222,339	1,285
Mississippi.....	10,452	38,637	3,779	8,648	.....
Texas.....	42,384	867,407	10,694	22,090	.....
Lemons, total.....	956,920	396,111	2,770,313	2,993,738	876,876
California.....	941,293	379,676	2,756,221	2,976,571	874,305
Florida.....	11,740	7,329	12,367	13,753	2,359
Pemeloes (grapefruit), total.....	710,040	640,597	1,189,250	2,060,610	30,790
California.....	43,424	25,589	122,515	143,180	17,851
Florida.....	656,213	600,049	1,061,537	1,907,816	12,306
Limes, total.....	45,387	30,239	11,318	12,478	22,839
Florida.....	45,369	30,088	11,302	12,457	22,714
Tangerines, total.....	27,271	3,873	38,752	68,770	( <sup>2</sup> )
California.....	3,637	34	3,581	4,188	.....
Florida.....	23,234	3,839	34,871	64,082	.....
Mandarins, total.....	7,227	1,923	3,896	6,533	( <sup>2</sup> )
Louisiana.....	6,875	1,900	3,340	5,945	.....
Kumquats, total.....	1,968	358	1,112	2,826	( <sup>2</sup> )
Florida.....	1,955	222	1,091	2,768	.....

<sup>1</sup> Includes a small number of citron trees in 1910 and the value of their product in 1909, also a small amount of product in 1899.

<sup>2</sup> Exclusive of a small quantity of citrons—6 boxes.

<sup>3</sup> No report.

**Figs.**—The production of figs is somewhat more widely distributed than that of the citrus fruits. The total number of trees of bearing age in 1910 was 822,000, but there was a still larger number not of bearing age. The production in 1909 amounted to 35,060,000 pounds, valued at \$804,000; the crop in 1899 amounted to 12,995,000 pounds. The leading state is California, which produced nearly two-thirds of the total crop in 1909.

**Olives.**—The production of olives is practically confined to California and Arizona. The crop of 1909, 16,405,000 pounds, was more than three times as great as that of 1899.

**Pineapples.**—The production of pineapples in the United States is virtually confined to Florida. The crop of 1909 amounted to 779,000 crates. The production as reported for 1899 was expressed in number of pineapples, but on the basis of the average number per crate (about 30) it amounted to about 95,000 crates.

<sup>1</sup> It should be noted that, as in the case of orchard fruits, the number of tropical and subtropical fruit trees reported as of bearing age in 1900 is believed to have included a good many not of bearing age, and to be, therefore, incomparable with the number for 1910.



**Other tropical and subtropical fruits.**—In addition to the fruits already listed, there are a considerable number of other tropical and subtropical fruits produced in small quantities in the United States, mainly in Florida and California. These include bananas, avocado pears, guavas, mangoes, persimmons (Japanese), loquats, pomegranates, and dates.

#### NONCITRUS TROPICAL AND SUBTROPICAL FRUITS—TREES, PRODUCTION, AND VALUE.

Table 71	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production. <sup>1</sup>	Value.	Production. <sup>1</sup>
<b>Figs, total.</b>	<b>821,640</b>	<b>1,028,717</b>	<b>35,060,395</b>	<b>\$503,810</b>	<b>12,994,834</b>
Alabama.	52,731	33,893	1,773,126	80,960	140,970
Arizona.	4,174	2,518	80,707	5,953	14,430
Arkansas.	269,001	214,527	22,990,353	260,153	10,620,366
California.	12,784	12,602	474,287	20,886	66,680
Florida.	40,424	11,813	1,183,494	50,326	31,880
Georgia.	71,464	102,043	2,025,308	87,009	384,560
Louisiana.	65,397	38,654	1,949,301	107,609	61,600
Mississippi.	21,054	7,783	600,624	22,632	14,510
North Carolina.	24,807	7,325	975,156	49,169	74,050
South Carolina.	230,171	585,396	2,411,876	97,078	611,400
Texas.	10,136	4,925	234,057	9,652	7,849
Virginia.	10,497	7,238	302,126	12,353	960,495
All other states.					
<b>Pineapples, total.</b>	<b>36,191,389</b>	<b>2,602,813</b>	<b>778,651</b>	<b>734,090</b>	<b>95,456</b>
Florida.	36,190,758	2,602,585	778,644	734,069	95,441
<b>Olives, total.</b>	<b>846,175</b>	<b>123,784</b>	<b>16,405,493</b>	<b>404,574</b>	<b>5,053,637</b>
Arizona.	9,353	1,773	264,895	3,073	13,150
California.	836,347	121,609	16,132,412	401,277	5,040,227
<b>Bananas, total.</b>	<b>23,114</b>	<b>7,515</b>	<b>10,060</b>	<b>5,661</b>	
Florida.	22,032	6,885	10,048	5,638	
<b>Avocado pears:</b>					
Florida.	12,054	23,072	4,920	10,100	( <sup>2</sup> )
<b>Guavas, total.</b>	<b>15,347</b>	<b>3,807</b>	<b>354,062</b>	<b>11,628</b>	<b>1,677,165</b>
California.	7,031	443	95,053	4,018	31,370
Florida.	8,293	3,364	258,709	7,604	1,645,795
<b>Mangoes:</b>					
Florida.	4,904	7,775	5,278	5,739	( <sup>2</sup> )
<b>Persimmons (Japanese), total.</b>	<b>16,491</b>	<b>17,176</b>	<b>6,723</b>	<b>9,087</b>	<b>2,721</b>
California.	3,274	8,801	2,696	3,344	1,188
Florida.	4,987	3,895	1,615	2,066	1,602
Texas.	4,449	2,718	1,175	2,136	31
<b>Loquats, total.</b>	<b>3,791</b>	<b>1,011</b>	<b>4,541</b>	<b>5,880</b>	<b>(<sup>2</sup>)</b>
California.	3,711	1,011	4,516	5,830	
<b>Pomegranates, total.</b>	<b>8,933</b>	<b>9,275</b>	<b>152,825</b>	<b>4,203</b>	<b>(<sup>2</sup>)</b>
Alabama.	1,672	3,552	19,090	617	
Arizona.	776	347	23,360	477	
California.	1,771	2,745	30,075	968	
Georgia.	1,308	1,320	27,365	920	
Nevada.	2,887	541	45,550	915	
<b>Dates, total.</b>	<b>4,551</b>	<b>22,269</b>	<b>9,947</b>	<b>533</b>	<b>(<sup>2</sup>)</b>

<sup>1</sup> Expressed in pounds for figs, olives, guavas, pomegranates, and dates; in crates for pineapples and avocado pears; in bunches for bananas; in boxes for mangoes and loquats; and in bushels for persimmons (Japanese).

<sup>2</sup> Number of plants.

<sup>3</sup> Not reported separately.

**Nuts (Tables 72 and 73).**—Systematic cultivation of nut trees, which is for the most part comparatively recent in the United States, is as yet largely confined to a few states in the South and on the Pacific coast. Throughout large sections of the country, however, there are many wild nut trees, the aggregate production of which is considerable; but in most cases the nuts obtained from such trees are not looked upon as a commercial crop and are mainly consumed on the farm. Doubtless the production of such wild nuts reported to the Census Bureau is much less than the actual production.

The total nut crop reported for 1909, 62,328,000 pounds, was 55.7 per cent greater than that reported for 1899, and the value, \$4,448,000, was 128.1 per cent greater. California is by far the most important state in the production of nuts, and Texas ranks next. No other state reported as much as \$100,000 worth of nuts in 1909.

#### NUTS—PRODUCTION AND VALUE.

Table 72	PRODUCTION (POUNDS). <sup>1</sup>		VALUE. <sup>2</sup>	
	1909	1899	1909	1899
<b>Total.</b>	<b>62,328,010</b>	<b>40,028,825</b>	<b>\$4,447,674</b>	<b>\$1,949,931</b>
Alabama.	439,382	193,570	37,986	6,315
Arizona.	35,834	121,060	4,483	9,328
Arkansas.	787,854	533,700	27,513	8,898
California.	28,378,115	17,775,505	2,959,845	1,441,137
Connecticut.	137,987	855,550	5,102	17,432
Florida.	382,533	98,470	47,456	8,453
Georgia.	845,533	181,710	61,106	3,997
Illinois.	714,478	360,680	20,530	6,520
Indiana.	439,644	588,800	7,344	6,254
Iowa.	1,721,265	484,850	36,922	7,603
Kansas.	402,714	310,830	7,625	6,097
Kentucky.	946,428	463,270	17,251	8,365
Louisiana.	796,925	665,770	73,169	51,457
Maryland.	318,148	65,950	5,687	2,055
Massachusetts.	134,920	462,800	3,671	12,106
Michigan.	961,137	470,700	18,956	7,436
Mississippi.	866,304	313,620	90,855	17,158
Missouri.	2,823,368	1,747,520	39,746	19,838
Nebraska.	384,325	93,000	8,906	1,595
New Hampshire.	254,521	249,900	3,684	6,329
New Jersey.	249,626	947,950	7,116	20,660
New York.	2,773,858	3,451,550	74,420	71,122
North Carolina.	1,244,629	244,330	28,535	3,413
Ohio.	559,693	295,250	11,691	4,871
Oklahoma.	1,019,238	45,330	62,168	1,034
Oregon.	177,632	42,980	13,208	2,560
Pennsylvania.	3,795,804	5,065,506	90,447	91,149
South Carolina.	376,013	213,320	26,888	3,808
Tennessee.	783,570	659,660	14,041	5,828
Texas.	5,945,932	1,836,970	562,542	78,971
Virginia.	841,872	376,440	22,161	5,109
West Virginia.	974,312	502,900	16,049	4,488
Wisconsin.	609,428	80,150	18,196	1,460
All other states.	1,205,666	289,240	22,373	7,025

<sup>1</sup> Does not include coconuts, which are reported by number.

<sup>2</sup> Includes value of coconuts.

<sup>3</sup> Includes Indian Territory.

#### ALMONDS, PECANS, AND PERSIAN OR ENGLISH WALNUTS—TREES, PRODUCTION, AND VALUE.

Table 73	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (pounds).	Value.	Production (pounds).
<b>Almonds, total.</b>	<b>1,187,962</b>	<b>389,575</b>	<b>6,793,539</b>	<b>\$711,970</b>	<b>7,142,710</b>
Alabama.	6,639	845	33,759	4,193	116,510
Arizona.	1,166,730	365,961	6,692,513	700,304	6,992,610
California.	14,593	22,769	67,267	7,473	33,590
<b>Pecans, total.</b>	<b>1,619,521</b>	<b>1,685,068</b>	<b>9,890,769</b>	<b>\$71,596</b>	<b>3,205,850</b>
Alabama.	44,683	125,734	228,341	30,540	60,670
Arkansas.	12,958	13,811	249,965	17,603	86,050
Florida.	42,512	176,207	307,632	43,962	46,800
Georgia.	75,519	325,779	354,046	47,845	27,440
Illinois.	28,330	8,223	107,069	10,301	41,380
Louisiana.	36,527	119,547	723,578	70,635	637,470
Mississippi.	60,524	148,030	637,293	79,936	242,300
Missouri.	48,822	7,214	147,420	10,467	75,170
North Carolina.	6,876	20,781	74,861	8,194	10,900
Oklahoma.	96,766	53,796	894,172	50,481	116,580
South Carolina.	33,366	43,639	159,823	20,442	13,020
Texas.	1,087,619	621,550	5,832,367	556,303	1,810,670
All other states.	44,019	20,755	174,212	15,987	138,400
<b>Persian or English walnuts, total.</b>	<b>914,270</b>	<b>806,413</b>	<b>22,026,524</b>	<b>\$2,297,336</b>	<b>10,608,065</b>
California.	853,237	546,804	21,432,266	2,247,193	10,619,975
Mississippi.	2,705	5,513	66,492	6,949	5,670
Oregon.	9,526	177,004	79,060	8,288	6,110
All other states.	48,802	77,092	448,706	34,906	36,310

<sup>1</sup> Includes Indian Territory.

The most important nut crops are Persian or English walnuts, pecans, and almonds, which are the only nuts that are, on any large scale, produced by cultiva-



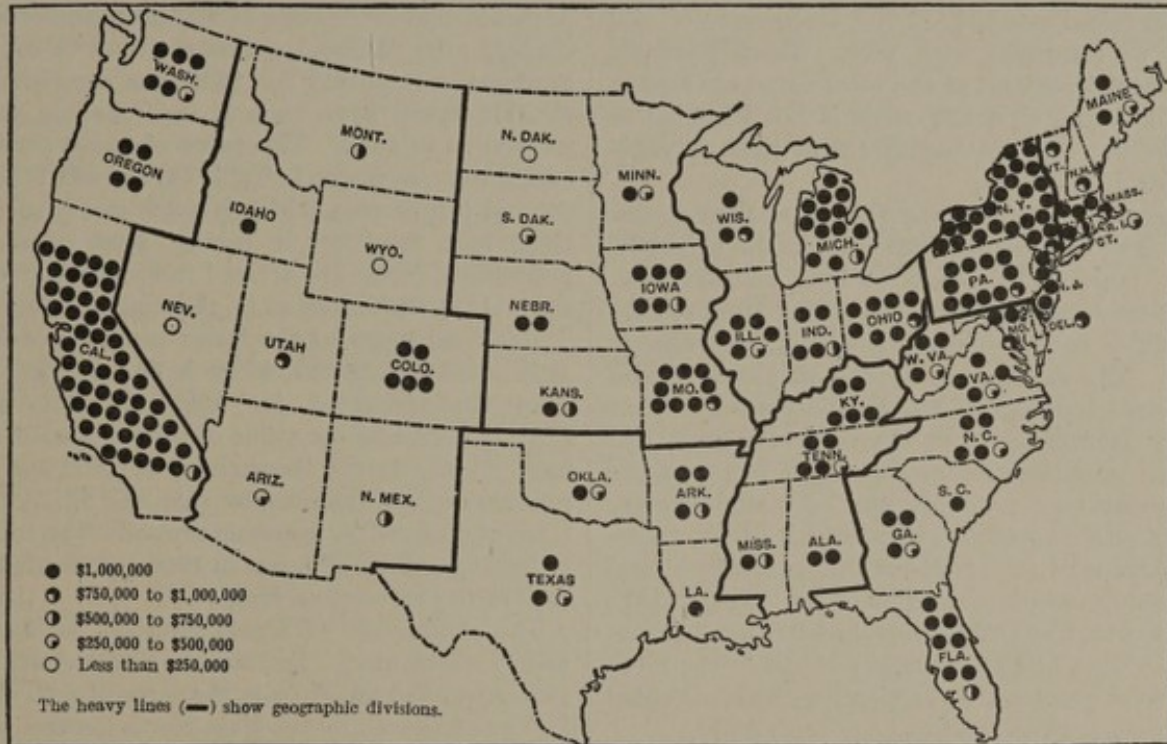
tion. The combined value of these three classes of nuts in 1909 amounted to \$3,981,000, or about nine-tenths of the total for all nuts.

The crop of Persian or English walnuts in 1909, 22,027,000 pounds, was more than twice as great as that in 1899. Most of these nuts were grown in California. The production of pecans in 1909, 9,891,000

pounds, was more than three times as great as that of 10 years earlier. About three-fifths of the crop was grown in Texas, and most of the remainder in Oklahoma, Louisiana, Mississippi, Georgia, and Florida. The production of almonds, which is mainly confined to California, amounted to 6,794,000 pounds in 1909, or somewhat less than in 1899.

## FRUITS AND NUTS.

VALUE, BY STATES: 1909.





## FLOWERS AND PLANTS, NURSERY PRODUCTS, AND FOREST PRODUCTS.

**Flowers and plants.**—Table 74 includes statistics both for flowers and plants raised on ordinary farms and for those raised by florists' establishments devoted exclusively to this branch of industry. Often such establishments have comparatively little land, but raise their products chiefly in greenhouses and by highly intensive methods. The acreage statistics, therefore, have comparatively little significance. The acreage reported for the United States as a whole in 1909 amounted to 18,248. The value of the flowers and plants raised was \$34,872,000, an increase of 85.9 per cent as compared with 1899. These products contributed 0.6 per cent of the total value of crops in 1909. The value of flower seeds is not included in this table, but appears, together with that of vegetable seeds, in Table 38.

As might be expected, the raising of flowers and plants is most extensively carried on in the neighborhood of large cities. New York, Pennsylvania, Illinois, New Jersey, Massachusetts, and Ohio are the leading states in this industry according to value of products. The raising of flowers and plants is also an important industry on the Pacific coast.

**Nursery products.**—As in the case of flowers and plants, the statistics presented in Table 74 cover the raising of nursery products not only on ordinary farms, but also by establishments which devote themselves exclusively to this branch of agriculture, and which employ only intensive methods. The acreage in 1909, 80,618, was 35.5 per cent greater than in 1899, while the value of products, \$21,051,000, was more than twice as great as 10 years earlier, and was equal to 0.4 per cent of the total value of farm crops.

In value of nursery products the Middle Atlantic division ranked first, the West North Central second, the Pacific third, and the East North Central fourth. New York reported a greater value of such products than any other state, California being next in order.

**Forest products.**—The census schedule for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farms, sold, or on hand April 15, 1910;" and also, as a separate item, for the "amount received from sale of standing timber in 1909." The schedule of the 1900 census was substantially similar, except that it did not specifically mention standing timber; it is probable that some sales of standing timber were included in the returns, but that the total value of forest products as reported for 1899 was somewhat lower than it would have been if the schedule had been worded as in 1910. The value of forest products at each census, as shown in Table 74, represents only that derived from farms, which is much less than that derived from land not in farms. Most of the forest products of farms are derived from natural forests, as there is yet little systematic planting of forest trees.

The total value of the forest products of farms in 1909 was \$195,306,283, which is 77.8 per cent greater than that reported for 1899. Of this amount, \$102,782,078 was the value of products used or to be used on the farms themselves, \$70,800,983 that of products sold or intended for sale, and \$21,723,222 the amount received for standing timber. The total value of forest products of farms in 1909 represented 3.6 per cent of the value of all crops.

The production of forest products by farmers is widely distributed. In 1909 the South Atlantic division outranked all others in the value of such products, and was followed by the East North Central and East South Central divisions. The states of North Carolina, New York, and Virginia each reported forest products valued at more than \$10,000,000. In total value of forest products, including those not produced on farms, the ranking of the states would be very different.



# FARM CROPS, BY STATES.

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## FLOWERS AND PLANTS, NURSERY PRODUCTS, AND FOREST PRODUCTS OF FARMS: 1909 AND 1899.

Table 74

DIVISION OR STATE.	FLOWERS AND PLANTS.				NURSERY PRODUCTS.				FOREST PRODUCTS OF FARMS.	
	Acreage.		Value.		Acreage.		Value.		Value.	
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
<b>United States.....</b>	<b>18,248</b>	<b>9,307</b>	<b>\$34,872,329</b>	<b>\$18,758,864</b>	<b>80,618</b>	<b>59,492</b>	<b>\$21,050,822</b>	<b>\$10,123,873</b>	<b>\$195,306,283</b>	<b>\$109,864,774</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	2,281	1,095	4,677,316	2,763,771	2,647	1,800	989,080	547,563	17,664,763	10,472,941
Middle Atlantic.....	6,447	3,182	11,810,076	7,067,038	13,675	13,221	4,355,340	2,523,065	19,110,765	14,621,344
East North Central.....	3,859	1,952	9,029,125	4,488,506	13,811	12,063	3,037,823	1,794,842	32,161,851	27,063,648
West North Central.....	1,185	638	2,642,343	1,246,913	16,614	12,377	3,841,690	2,052,847	19,891,878	11,780,749
South Atlantic.....	1,485	814	1,932,426	1,450,924	9,903	6,050	1,851,351	851,511	44,010,178	18,547,791
East South Central.....	647	387	1,005,548	509,124	8,130	4,894	1,147,669	751,319	29,264,946	14,784,182
West South Central.....	628	290	846,009	229,351	5,734	4,041	1,711,284	612,413	21,026,984	7,826,858
Mountain.....	233	185	753,914	276,269	1,731	963	594,096	251,787	2,580,902	740,033
Pacific.....	1,483	764	2,175,572	726,968	8,313	4,083	3,522,489	738,526	9,594,016	4,027,228
<b>NEW ENGLAND:</b>										
Maine.....	112	71	301,005	155,131	57	107	23,244	46,207	5,573,763	2,632,252
New Hampshire.....	93	38	236,144	108,161	24	34	11,897	7,012	3,610,178	2,296,265
Vermont.....	23	38	78,726	58,575	37	74	11,014	49,025	3,638,537	2,108,518
Massachusetts.....	1,203	584	2,455,467	1,639,780	1,547	894	605,875	260,069	2,668,410	1,944,714
Rhode Island.....	290	177	558,543	314,806	212	86	75,541	42,295	312,022	195,472
Connecticut.....	560	187	1,047,431	487,338	770	605	261,506	142,355	1,861,853	1,275,720
<b>MIDDLE ATLANTIC:</b>										
New York.....	2,979	1,496	5,148,949	2,867,673	8,680	8,238	2,750,957	1,642,107	10,365,651	7,671,108
New Jersey.....	1,436	613	2,857,709	1,953,290	2,167	1,782	681,814	339,926	758,515	469,055
Pennsylvania.....	2,032	1,073	3,803,418	2,246,075	2,828	3,201	922,569	541,032	7,986,599	6,481,181
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	1,070	685	2,384,830	1,399,957	4,718	4,699	860,351	538,612	5,761,941	5,625,897
Indiana.....	496	174	1,212,891	400,730	1,850	1,646	411,387	254,893	5,603,322	5,235,459
Illinois.....	1,339	679	3,694,801	1,894,900	3,454	3,142	822,284	578,306	3,325,259	2,555,890
Michigan.....	702	220	1,143,764	521,987	3,034	1,840	642,774	338,544	7,911,901	7,530,369
Wisconsin.....	252	194	592,839	270,872	755	736	301,027	85,087	9,550,428	6,116,033
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	163	143	603,935	288,055	3,854	1,127	863,014	383,105	5,181,508	2,602,335
Iowa.....	361	140	657,393	320,407	3,430	2,905	845,912	619,092	3,649,032	3,266,449
Missouri.....	383	181	653,903	409,890	2,459	2,971	529,394	349,449	8,406,823	4,442,131
North Dakota.....	4	2	47,221	2,900	472	131	30,997	7,249	235,386	112,807
South Dakota.....	19	11	50,008	3,200	399	200	70,827	12,866	257,126	106,284
Nebraska.....	94	86	356,168	142,636	1,997	1,594	553,063	234,033	795,053	412,746
Kansas.....	161	75	273,715	79,705	4,003	3,449	948,493	447,053	1,366,950	837,997
<b>SOUTH ATLANTIC:</b>										
Delaware.....	44	30	71,429	57,013	182	174	39,057	17,241	346,062	250,481
Maryland.....	478	174	597,001	355,862	4,240	1,275	456,900	123,474	2,349,045	1,170,362
District of Columbia.....	240	217	303,509	519,565	( <sup>1</sup> )	1	150	325	238	50
Virginia.....	375	143	362,488	238,712	569	1,200	159,992	214,988	10,118,851	3,797,116
West Virginia.....	25	39	78,377	44,384	464	547	79,268	61,700	4,004,484	2,632,980
North Carolina.....	107	61	126,993	31,163	754	1,149	266,968	135,084	11,364,134	4,915,991
South Carolina.....	23	28	52,094	7,920	21	84	4,409	4,416	4,513,092	1,915,280
Georgia.....	144	77	271,427	154,888	1,502	957	366,433	172,143	8,938,390	3,217,119
Florida.....	49	45	69,106	41,417	2,231	663	478,174	122,140	2,375,882	648,412
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	249	132	392,409	262,288	542	837	115,963	114,749	7,843,142	4,179,480
Tennessee.....	239	140	344,579	175,979	3,976	2,838	697,703	474,133	8,510,710	5,086,624
Alabama.....	120	53	168,239	43,950	3,079	1,038	259,057	131,132	6,308,151	2,494,452
Mississippi.....	39	62	100,321	26,907	533	181	74,946	31,305	6,602,943	3,023,626
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	26	25	153,421	25,830	528	868	198,579	131,045	6,914,262	2,468,718
Louisiana.....	227	89	126,212	76,628	502	276	87,643	63,593	3,534,340	1,381,867
Oklahoma.....	40	29	92,016	26,644	857	1804	171,952	103,264	1,602,720	245,240
Texas.....	335	167	474,360	120,249	3,847	2,093	1,253,110	314,511	8,925,662	3,520,033
<b>MOUNTAIN:</b>										
Montana.....	20	17	104,601	33,630	341	62	174,427	17,825	541,800	176,134
Idaho.....	18	5	43,314	2,805	530	115	143,234	38,431	1,280,512	315,821
Wyoming.....	6	5	12,280	2,480	( <sup>2</sup> )	2	1,680	215	104,239	14,700
Colorado.....	154	137	468,685	198,479	241	497	72,090	65,936	305,719	113,055
New Mexico.....	8	5	31,121	4,442	24	32	9,182	5,753	253,822	34,268
Arizona.....	6	2	11,177	235	18	14	4,535	2,914	45,312	48,877
Utah.....	20	14	81,116	34,173	577	236	188,455	120,648	6,730	13,325
Nevada.....	1	( <sup>1</sup> )	1,620	25	( <sup>2</sup> )	5	493	65	42,748	23,833
<b>PACIFIC:</b>										
Washington.....	340	34	518,226	50,450	1,342	155	526,681	28,699	3,754,293	1,002,126
Oregon.....	130	58	268,833	95,872	2,168	1,014	783,020	151,498	2,889,991	1,300,724
California.....	1,013	672	1,388,513	580,646	4,803	2,914	2,212,788	558,329	2,949,732	1,724,378

<sup>1</sup> Less than 1 acre.

<sup>2</sup> Includes Indian Territory.

<sup>3</sup> Reported in small fractions.







## CHAPTER 14.

### IRRIGATION AND IRRIGATED CROPS.

**Introduction.**—This chapter contains, in condensed form, the principal data regarding irrigation derived from the Thirteenth Decennial Census, taken in the year 1910.

An amendment to the Thirteenth Census act, approved February 25, 1910, contained the following clause relating to irrigation:

Inquiries shall also be made as to the location and character of irrigation enterprises, quantity of land irrigated in the arid region of the United States and in each state and county in that section under state and Federal laws; the price at which these lands, including water rights, are obtainable; the character and value of crops produced on irrigated lands, the amount of water used per acre for said irrigation and whether it was obtainable from national, state, or private works; the location of the various projects and methods of construction, with facts as to their physical condition; the amount of capital invested in such irrigation works.

As the Office of Experiment Stations of the United States Department of Agriculture employs a corps of state irrigation agents, an arrangement was made by which these state irrigation agents cooperated in the supervision in their respective states of the work of the special agents of the Bureau of the Census in collecting statistics of irrigation.

The information called for by this law which could be supplied by farm operators was obtained on supplemental schedules by the regular census enumerators as a part of the agricultural census. The remaining data, which were supplied by the owners or officials of irrigation enterprises, were obtained on special schedules by the special agents. The data relating to crops presented here were taken from the supplemental schedules filled out by the agricultural enumerators. With the exception of the statistics as to the number of farms irrigated, which were obtained as explained on the following page, all the other data presented here were taken from the special schedules.

The law relating to the special irrigation census, quoted above, provided that the inquiry should cover the "arid region of the United States." For the purposes of this report the "arid region" has been held to include all sections of the United States where irrigation is generally practiced in the growing of farm crops. As defined in this way, the "arid region" includes the western parts of the tier of states formed by

the Dakotas, Nebraska, Kansas, Oklahoma, and Texas, and all of the states between these and the Pacific Ocean. In parts of this great territory there is abundant rainfall; but in each of the states comprised in it there are considerable sections, and in some very extensive areas, where farming is largely dependent upon irrigation.

The special inquiry was also extended to the rice growing districts of Louisiana, Texas, and Arkansas, but the rice district has been treated separately in this report. (See p. 431.)

In accordance with the law, the enterprises have been classified primarily according to their legal status—that is, according to the state or Federal laws by virtue of which they were created, or according to other features of their legal and economic form. The types of enterprises distinguished are as follows:

**United States Reclamation Service enterprises**, established under the Federal law of June 17, 1902, providing for the construction of irrigation works with the receipts from the sale of public lands.

**United States Indian Service enterprises**, established under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

**Carey Act enterprises**, established under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

**Irrigation districts**, which are public corporations established under state laws and empowered to issue bonds and levy and collect taxes for the purchase or construction of irrigation works.

**Cooperative enterprises**, which are controlled by the water users combined in some organized form of cooperation under state laws. The most common form of organization is the stock company, the stock of which is owned by the water users. In Arizona and New Mexico many of the cooperative enterprises are operated under laws regulating "community" ditches.

**Individual and partnership enterprises**, which belong to individual farmers, or to groups of farmers associated without formal organization. It is not always possible to distinguish between partnership and cooperative enterprises; but as the difference is slight this is unimportant.

**Commercial enterprises**, incorporated or otherwise, which supply water for compensation to parties who own no interest in the works. Persons obtaining water from such enterprises are usually required to pay for the right to receive water and to pay, in addition, annual charges based in some instances on the acreage irrigated and in others on the quantity of water received.



## THE ARID REGION AS A WHOLE.

**Summary.**—Table 1 summarizes the principal data for the arid region as a whole as returned at the census of 1910, and includes corresponding data for the preceding census as far as available. Unless otherwise indicated the figures relate to the year in which the census was taken. In the reports of the censuses of 1900 and 1890 data relating to irrigation on Indian reservations were excluded from the totals for the arid region, but for the later census they are included. Since the acreage which was irrigated on Indian reservations in 1909 was only 172,912, or 1.3 per cent of the total acreage reported as irrigated, it has not been deemed advisable to eliminate the figures for Indian reservations in making comparisons between the different censuses. The general agricultural statistics given in the table for purposes of comparison cover the entire areas of the states included in the arid region, as defined on the preceding page, although in some of the states the territory which requires no irrigation vastly exceeds the irrigated territory.

The number of farms irrigated is the number of farms on which irrigation is practiced, regardless of the extent of such irrigation, and is equivalent to the term "number of irrigators" used in previous census reports. The number given for 1909 is made up of the number reported on the supplemental agricultural schedules by

the regular enumerators, together with an estimate of the number of farms served by enterprises which were reported by special agents but not by the regular enumerators. The reports of the special agents stated only the acreage supplied by such enterprises, and the number of farms was estimated on the basis of the average acreage irrigated per farm, as shown by the supplemental schedules.

The acreage irrigated in 1909 is that reported by the special agents from information secured from owners or officials of irrigation enterprises or, in some instances, from public records. This acreage is probably in some measure an overstatement. There is a natural tendency for the officials of irrigation enterprises to report as irrigated the entire areas of farms of which only a part is irrigated. Furthermore, some farms receive water from more than one enterprise, and may be reported as irrigated by each, which results in duplication. It is believed, however, that the acreage given is within 10 per cent of the correct figure. In addition to information as to the acreage irrigated in 1909 data were collected as to the acreage the enterprises were capable of supplying with water in 1910 and the total acreage which enterprises completed or under way in 1910 were designed to supply ultimately (designated as "acreage included in projects").

Table 1	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Number of farms <sup>1</sup> .....	1, 440, 822	1, 095, 675	345, 147	31. 5
Approximate land area <sup>1</sup> ..... acres.	1, 161, 385, 600	1, 161, 385, 600		
Land in farms <sup>1</sup> ..... acres.	388, 606, 991	348, 780, 221	39, 826, 770	11. 4
Improved land in farms <sup>1</sup> ..... acres.	173, 433, 957	119, 709, 592	53, 724, 365	44. 9
Number of farms irrigated.....	<sup>2</sup> 158, 713	<sup>3</sup> 107, 489	51, 224	47. 7
Acreage irrigated.....	<sup>2</sup> 13, 738, 485	<sup>3</sup> 7, 518, 527	6, 219, 958	82. 7
Acreage enterprises were capable of irrigating.....	19, 334, 697	( <sup>4</sup> )		
Acreage included in projects.....	31, 111, 142	( <sup>4</sup> )		
Number of enterprises.....	54, 700	( <sup>4</sup> )		
Total length of ditches..... miles.	125, 591	( <sup>4</sup> )		
Length of main ditches..... miles.	87, 529	( <sup>4</sup> )		
Length of lateral ditches..... miles.	38, 062	( <sup>4</sup> )		
Number of reservoirs.....	6, 812	( <sup>4</sup> )		
Capacity of reservoirs..... acre-feet.	12, 581, 129	( <sup>4</sup> )		
Number of flowing wells.....	5, 070	( <sup>4</sup> )		
Number of pumped wells.....	14, 558	( <sup>4</sup> )		
Number of pumping plants.....	13, 906	( <sup>4</sup> )		
Capacity of power plants..... horsepower.	243, 435	( <sup>4</sup> )		
Acreage irrigated with pumped water.....	<sup>2</sup> 477, 625	( <sup>4</sup> )		
Acreage irrigated from flowing wells.....	<sup>2</sup> 144, 400	( <sup>4</sup> )		
Cost of irrigation enterprises.....	\$307, 866, 369	<sup>5</sup> \$66, 962, 275	\$240, 904, 094	359. 8
Average cost per acre.....	<sup>6</sup> \$15. 92	<sup>7</sup> \$8. 91	( <sup>8</sup> )	
Average cost of operation and maintenance, per acre.....	<sup>2</sup> \$1. 07	<sup>3</sup> \$0. 38	\$0. 69	181. 6

<sup>1</sup> Figures relate to entire areas of states in the arid region, the figures for 1900 including Indian Territory.

<sup>2</sup> Cost of systems operated in 1899.

<sup>3</sup> In 1909.

<sup>4</sup> Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.

<sup>5</sup> Based on acreage irrigated in 1899.

<sup>6</sup> In 1899.

<sup>7</sup> Figures not comparable. (See explanation in text.)

<sup>8</sup> Not reported.

The number of farms on which irrigation was practiced, for purposes other than rice growing, in 1909 in the states of the arid region was 158,713, or 11 per cent of the total number of farms in the same states.

While the total number of farms in this region, including the entire area of states in which irrigation is practiced in the western part, increased 31.5 per cent between 1900 and 1910, the number of farms on



which irrigation was practiced increased 47.7 per cent between 1899 and 1909, the irrigated farms forming a larger percentage of all farms in 1909 than in 1899. The acreage reported as irrigated in 1909 was 13,738,485, which constitutes 1.2 per cent of the total land area of the same states, 3.5 per cent of the total land in farms, and 7.9 per cent of the improved land in farms. There was an increase of 82.7 per cent in such acreage between 1899 and 1909, a rate of increase much higher than that in the number of farms irrigated, the average irrigated acreage per farm being greater for 1909 than for 1899.

The acreage to which enterprises were ready to supply water in 1910 was 19,334,697, or 5,596,212 acres in excess of the acreage irrigated in 1909, while the acreage included in all projects in 1910, whether completed or in process of development, was 31,111,142, or 17,372,657 acres greater than the acreage reported as irrigated in 1909.

The total length of ditches used for irrigation in 1910 was 125,591 miles. There were 6,812 reservoirs hav-

ing a combined capacity of 12,581,129 acre-feet, or nearly 1 acre-foot of reservoir capacity for each acre irrigated from any source in 1909. The number of pumping plants reported was 13,906 and the acreage supplied by them 477,625.

The total cost of irrigation enterprises to July 1, 1910, was \$307,866,369, or \$15.92 per acre of the land which these enterprises were capable of supplying with water in 1910. The increases in the items relating to cost are the most conspicuous shown. The total cost of irrigation enterprises increased between 1900 and 1910 by 359.8 per cent, and the average cost per acre covered increased also, although much less in degree. (As to the comparability of the figures for this item, however, see the discussion of this subject following Table 12.) The average cost of operation and maintenance per acre of land irrigated for the year 1909 shows also a large increase—181.6 per cent—over the cost shown for 1899. It is believed, however, that the cost shown for 1899 is not properly comparable with that for 1909.

#### FARMS AND ACREAGE IRRIGATED.

**Number of farms irrigated.**—Table 2 gives, by states, the number of farms irrigated in 1909, 1899, and 1889, together with the decennial rates of increase.

STATE.	FARMS IRRIGATED.					
	1909	1899	1889	Increase. <sup>1</sup>		
				1899-1909		1889-1909
				Number.	Per cent.	Per cent.
<b>Total</b> .....	<b>158,713</b>	<b>107,439</b>	<b>54,126</b>	<b>51,224</b>	<b>47.7</b>	<b>98.6</b>
Arizona.....	4,841	2,981	1,075	1,860	62.4	177.3
California.....	39,352	25,611	13,732	13,741	53.7	86.5
Colorado.....	25,857	17,613	9,659	8,244	46.8	82.3
Idaho.....	16,439	8,987	4,323	7,452	82.9	107.9
Kansas.....	1,006	929	519	77	8.3	79.0
Montana.....	8,970	8,043	3,705	927	11.5	117.0
Nebraska.....	1,852	1,932	214	-80	-4.1	802.8
Nevada.....	2,406	1,906	1,167	500	26.2	63.3
New Mexico.....	12,795	7,884	3,085	4,911	62.3	155.6
North Dakota.....	69	54	7	15	( <sup>2</sup> )	( <sup>2</sup> )
Oklahoma.....	137	124	.....	13	10.5	.....
Oregon.....	6,669	4,636	3,150	2,033	43.9	47.2
South Dakota.....	500	606	189	-106	-17.5	220.6
Texas <sup>3</sup> .....	4,150	1,252	623	2,898	231.5	101.0
Utah.....	19,709	17,924	9,724	1,785	10.0	84.3
Washington.....	7,664	3,286	1,046	4,378	133.2	214.1
Wyoming.....	6,297	3,721	1,917	2,576	69.2	94.1

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Per cent not calculated when base is less than 100.

<sup>3</sup> Exclusive of farms irrigated for rice growing.

The total number of farms on which irrigation was practiced in 1909 was 158,713. California contained the largest number of such farms, having about one-fourth (24.8 per cent) of the total number, and Colorado the next largest number, nearly one-sixth (16.3 per cent) of the total, while Utah ranked third in this respect, with about one-eighth (12.4 per cent) of the total.

The percentage of increase between 1889 and 1899 in the number of farms irrigated was more than double that during the succeeding decade, but the absolute

increases during the two decades were approximately equal. Nebraska showed the largest percentage of increase during the former period and Texas during the latter period, but in neither state is the actual number of irrigated farms large. In Nebraska and South Dakota there were decreases between 1899 and 1909. The largest absolute increase in both decades was in California. In the period 1899 to 1909 the next largest increase was in Colorado, and in the period 1889 to 1899 in Utah.

**Acreage irrigated.**—Table 3 gives, by states, the acreage irrigated in the arid region in 1909, 1899, and 1889, respectively, with the percentage of increase in each decade.

STATE.	ACREAGE IRRIGATED.					
	1909	1899	1889	Increase.		
				1899-1909		1889-1909
				Amount.	Per cent.	Per cent.
<b>Total</b> .....	<b>13,738,485</b>	<b>7,518,527</b>	<b>3,631,351</b>	<b>6,219,958</b>	<b>82.7</b>	<b>107.0</b>
Arizona.....	320,051	185,396	65,821	134,655	72.6	181.7
California.....	2,664,104	1,445,872	1,004,233	1,218,232	84.3	44.0
Colorado.....	2,792,032	1,611,271	890,735	1,180,761	73.3	80.9
Idaho.....	1,430,848	602,568	217,005	828,280	137.5	177.7
Kansas.....	37,479	23,620	20,818	13,859	58.7	13.5
Montana.....	1,679,084	951,154	350,582	727,930	76.5	171.3
Nebraska.....	255,950	148,538	11,744	107,412	72.3	1,164.8
Nevada.....	701,833	504,168	224,403	197,665	39.2	124.7
New Mexico.....	461,718	203,893	91,745	257,825	126.5	122.2
North Dakota.....	10,248	4,872	445	5,376	110.3	994.8
Oklahoma.....	4,388	2,759	.....	1,629	59.0	.....
Oregon.....	686,129	388,310	177,944	297,819	76.7	118.2
South Dakota.....	63,248	43,676	15,717	19,572	44.8	177.9
Texas <sup>1</sup> .....	164,283	40,952	18,241	123,331	301.2	124.5
Utah.....	999,410	629,293	263,473	370,117	58.8	138.8
Washington.....	334,378	126,307	48,799	208,071	164.7	158.8
Wyoming.....	1,133,302	605,878	229,676	527,424	87.1	163.8

<sup>1</sup> Exclusive of land irrigated for rice growing.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

The total acreage reported as irrigated in 1909 was 13,738,485, an increase of 6,219,958 acres, or 82.7 per cent, as compared with 1899. The increase in the preceding decade was 3,887,146 acres, or 107 per cent.

In total acreage irrigated California ranked first in 1889, Colorado second, and Montana third. In both 1899 and 1909 Colorado reported the largest irrigated acreage, while California and Montana were second and third, respectively. Idaho followed closely in 1909. From 1899 to 1909 California showed the largest absolute increase, followed by Colorado, Idaho,

and Montana in the order named. In percentage of increase for this decade, however, Texas ranked first, Washington second, Idaho third, and New Mexico fourth.

Acreage irrigated in 1909, acreage enterprises were capable of irrigating in 1910, and acreage included in projects.—In Table 4 data as to the acreage irrigated in 1909, the acreage enterprises were capable of irrigating in 1910, and the acreage included in projects are presented, with classification according to the type of enterprise.

Table 4	ALL CLASSES OF ENTERPRISES.			U. S. RECLAMATION SERVICE.			U. S. INDIAN SERVICE.			CAREY ACT ENTERPRISES.		
	STATE.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.
Total.....	13,738,485	19,334,697	31,111,142	395,646	786,190	1,973,016	172,912	376,576	879,068	288,553	1,089,677	2,573,874
Arizona.....	320,051	387,655	944,090	138,364	164,500	370,000	19,386	20,974	36,017			
California.....	2,664,104	3,619,378	5,490,360	400	1,200	14,200	3,490	3,490	3,800			
Colorado.....	2,792,032	3,990,166	5,917,457	16,600	30,000	193,000	1,020	2,020	20,020	485	6,085	59,480
Idaho.....	1,430,848	2,388,959	3,549,573	47,500	113,000	295,000	3,426	21,540	51,540	162,418	742,618	1,098,661
Kansas.....	37,479	139,995	161,300	6,953		10,677						
Montana.....	1,679,084	2,205,155	3,515,602	14,077	85,245	113,744	67,417	114,340	440,940	9,648	49,500	306,997
Nebraska.....	255,950	429,225	680,133	30,536	66,241	107,520	300	300	600			
Nevada.....	701,833	840,962	1,232,142	30,000	90,185	216,185	2,597	3,381	18,060			
New Mexico.....	461,718	644,970	1,102,297	13,398	21,467	30,267	24,007	24,743	37,455			16,000
North Dakota.....	10,248	21,917	38,173	1,610	12,096	24,480						
Oklahoma.....	4,388	6,397	8,528									
Oregon.....	686,129	830,526	2,527,208	22,000	45,319	185,000	429	439	879	24,750	65,500	633,264
South Dakota.....	63,248	128,481	201,625	5,613	47,568	101,967	50	50	100			
Texas <sup>1</sup> .....	164,283	340,641	753,699									
Utah.....	999,410	1,250,246	1,947,625	55,690	74,500	143,096	11,520	86,600	106,000	5,000	20,000	43,000
Washington.....	334,378	470,514	817,032	55,690	74,500	143,096	35,000	50,000	100,000			
Wyoming.....	1,133,302	1,639,510	2,224,298	12,905	34,869	167,880	4,270	48,699	63,657	86,252	205,974	426,472

STATE.	IRRIGATION DISTRICTS.			COOPERATIVE ENTERPRISES.			INDIVIDUAL AND PARTNERSHIP ENTERPRISES.			COMMERCIAL ENTERPRISES.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
Total.....	528,642	800,451	1,581,465	4,643,539	6,191,577	8,830,197	6,257,387	7,666,110	10,153,545	1,451,806	2,424,116	5,119,977
Arizona.....				101,025	120,559	360,639	61,196	81,422	175,834	80	200	1,600
California.....	173,793	294,108	606,351	779,020	984,570	1,388,435	961,136	1,131,951	1,512,511	746,265	1,204,059	1,965,063
Colorado.....	115,304	207,570	487,370	1,273,141	1,870,447	2,436,367	1,226,025	1,581,941	2,039,533	159,457	292,103	681,687
Idaho.....	140,930	177,900	329,796	628,102	782,003	993,746	403,600	483,946	676,508	44,872	67,352	104,322
Kansas.....				27,372	135,200	144,200	3,154	4,795	6,423			
Montana.....	412	6,640	6,640	333,926	373,022	518,209	1,191,060	1,495,513	1,982,220	62,544	80,895	146,852
Nebraska.....	76,448	77,228	91,076	78,605	168,260	240,009	45,227	64,472	86,305	24,834	52,724	154,623
Nevada.....				78,966	88,255	129,269	581,406	649,841	844,128	8,864	9,300	24,500
New Mexico.....			16,400	251,911	355,327	482,054	144,212	185,283	295,171	28,190	58,150	224,950
North Dakota.....							8,638	9,821	13,693			
Oklahoma.....				2,000	3,000	3,500	2,388	3,397	5,028			
Oregon.....	1,500	1,500	5,980	149,985	169,944	399,632	410,078	454,074	619,986	77,387	93,750	692,467
South Dakota.....				13,601	18,243	22,687	37,684	55,820	69,971	6,300	6,800	6,900
Texas <sup>1</sup> .....				41,186	75,011	146,795	49,657	65,286	104,044	73,440	200,344	502,860
Utah.....	8,455	8,455	10,802	687,200	790,855	1,259,351	222,448	257,266	376,502	64,727	87,070	151,970
Washington.....				81,122	90,805	115,410	95,655	117,145	192,310	66,911	138,064	266,216
Wyoming.....	11,800	27,050	27,050	116,317	165,476	189,894	813,823	1,024,137	1,153,378	87,935	133,305	195,967

<sup>1</sup> Exclusive of land irrigated for rice growing.

The enterprises were reported in 1910 as capable of irrigating 19,334,697 acres, which is 5,596,212 acres in excess of the acreage actually irrigated in 1909. This excess shows the extent to which the irrigated area can be enlarged without the construction of additional works. It does not, however, represent land available for settlement in the latter year, as much of the land that was under ditch in 1910 but not irri-

gated in 1909 was already taken up, being in farms not completely under cultivation. The excess acreage lies principally in Colorado, Idaho, California, Montana, and Wyoming, these states ranking in the order named in this respect.

The acreage included in projects which were either completed or under way July 1, 1910, as reported by the various enterprises—31,111,142—was 17,372,657



acres greater than the acreage irrigated in 1909. The figure would indicate the amount by which the irrigated acreage may be extended upon the completion of existing enterprises, were it not probable that the owners of these enterprises in some cases have overestimated what they can accomplish. It is certain, however, that much additional land will later be provided with a water supply by works that were in process of construction in 1910. The amount of excess of the acreage included in projects over that irrigated in 1909 is also greatest in the states named in the preceding paragraph and in Oregon.

Table 5 shows by percentages the relative importance of the several classes of enterprises as judged by acreage.

CLASS OF ENTERPRISE.	PER CENT OF TOTAL FOR ARID REGION.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
All classes.....	100.0	100.0	100.0
U. S. Reclamation Service.....	2.9	4.1	6.3
U. S. Indian Service.....	1.3	1.9	2.8
Carey Act enterprises.....	2.1	5.6	8.3
Irrigation districts.....	3.8	4.1	5.1
Cooperative enterprises.....	33.8	32.0	28.4
Individual and partnership enterprises.....	45.5	39.6	32.6
Commercial enterprises.....	10.6	12.5	16.5

Nearly one-half (45.5 per cent) of the acreage irrigated in 1909 was served by individual and partnership enterprises, and about one-third (33.8 per cent) by

cooperative enterprises, which are controlled by the water users. Irrigation districts, which served 3.8 per cent, are also controlled by the water users. Thus about 83 per cent of the acreage irrigated in 1909 received a water supply from works controlled by the water users. United States Reclamation Service and Carey Act enterprises, which irrigated 2.9 per cent and 2.1 per cent, respectively, of this total acreage, are to be turned over to the water users when the rights are paid for, and many of the commercial enterprises are operating under a similar arrangement.

**Acreage irrigated, classified by source of water supply.**—In Table 6 the acreage irrigated in the arid region in 1909 is classified according to the source of the water supply. Where a supply is received from more than one source, the land is classified under the source from which the principal supply is derived. In the aggregate considerable areas are supplied with water from more than one source. Thus, in California, large areas receive water both by gravity diversion from streams and by pumping from wells, while in Texas some of the newer canals on the Rio Grande receive water by gravity when the river is high and by pumping when the river is low. In both instances most of this land is classed with the acreage that received water by gravity from streams. The only reservoirs which are treated as independent sources of supply are those filled by collecting storm water or from watercourses which are ordinarily dry. When reservoirs are filled from streams or wells, the primary source is considered the source of supply.

Table 6	ACREAGE IRRIGATED IN 1909.										
	STATE.	Total.	Supplied from—						Total irrigated with pumped water.		
			Streams.		Wells.		Reservoirs.	Lakes.		Springs.	
			By gravity.	By pumping.	Flowing.	By pumping.		By gravity.			By pumping.
Total .....	13,738,485	12,763,797	157,775	144,400	307,496	98,193	58,284	12,354	196,186	477,625	
Arizona.....	320,051	300,067	7,711	1,489	6,096	487	570		3,631	13,807	
California.....	2,664,104	2,216,757	29,965	74,128	276,595	16,410	15,896	2,574	31,779	309,134	
Colorado.....	2,792,032	2,745,035	13,248	5,171	3,111	16,091	422	634	8,320	16,993	
Idaho.....	1,430,848	1,383,718	18,685	1,172	705	732	4,622	1,535	19,679	20,925	
Kansas.....	37,479	35,469	20	2	1,959	2			27	1,979	
Montana.....	1,679,064	1,624,656	7,963	207	55	22,614	5,617	5	17,967	8,023	
Nebraska.....	255,950	254,105	18		139	1,002			686	157	
Nevada.....	701,833	661,299	463	150	37	138	500	406	38,840	906	
New Mexico.....	461,718	397,059	1,533	48,877	5,952	1,272	862		6,163	7,485	
North Dakota.....	10,248	7,153	1,614		1	1,280			200	1,615	
Oklahoma.....	4,388	4,205	50		69	20	28		16	119	
Oregon.....	686,129	643,281	3,585	655	805	3,279	22,915	821	10,788	5,211	
South Dakota.....	63,248	47,122	540	1,448	8	13,535	200		395	548	
Texas <sup>1</sup> .....	164,283	75,496	59,196	3,710	6,152	6,203	163	295	13,068	65,643	
Utah.....	999,410	954,800	2,559	4,100	300	568	1,671		35,412	2,859	
Washington.....	334,378	301,341	9,085	3,227	5,437	299	4,698	6,084	4,207	20,606	
Wyoming.....	1,133,302	1,112,234	1,540	64	75	14,261	120		5,008	1,615	

<sup>1</sup> Exclusive of land irrigated for rice growing.

More than nine-tenths (92.9 per cent) of the acreage irrigated in 1909 was supplied with water by gravity diversion from streams, and, including cases where water was pumped, streams constituted the source of supply for 94.1 per cent of the total acreage irrigated. Wells supplied the next largest acreage, 3.3 per cent of the total, about one-third of this acreage being watered

by flowing wells. Springs furnished the supply for 1.4 per cent of the total acreage irrigated, and reservoirs and lakes each for less than 1 per cent. Of the total acreage irrigated from wells, California contained 77.6 per cent, and New Mexico 12.1 per cent. In the case of the other sources of supply the acreage irrigated was more generally distributed among the states.



## IRRIGATION WORKS.

Number of enterprises and number and length of ditches.—Table 7 shows the number of irrigation enterprises, and the number and length of main and lateral ditches, respectively, reported in 1910. It should be borne in mind that some lateral ditches are much larger than some main ditches, and that the distinction is more or less arbitrary.

STATE.	Number of enterprises.	DITCHES.					
		Number.			Length (miles).		
		Total.	Main ditches.	Laterals.	Total.	Main ditches.	Laterals.
<b>Total.....</b>	<b>54,700</b>	<b>61,837</b>	<b>45,720</b>	<b>36,117</b>	<b>125,591</b>	<b>87,529</b>	<b>38,062</b>
Arizona.....	1,269	1,204	891	313	2,597	1,727	870
California.....	13,970	14,733	8,590	6,143	21,129	12,620	8,509
Colorado.....	9,065	14,017	8,405	5,612	22,570	17,564	5,006
Idaho.....	3,092	6,568	3,209	3,359	12,759	7,662	5,097
Kansas.....	716	128	89	39	316	274	42
Montana.....	5,534	14,980	6,673	8,307	18,934	12,990	5,944
Nebraska.....	474	1,458	420	1,038	2,728	1,459	1,269
Nevada.....	1,347	2,525	994	1,531	3,151	1,938	1,213
New Mexico.....	2,786	3,381	2,101	1,280	5,854	4,664	1,190
North Dakota.....	49	93	47	46	126	52	74
Oklahoma.....	114	153	47	106	85	54	31
Oregon.....	3,745	6,100	3,582	2,518	7,591	5,539	2,052
South Dakota.....	395	680	348	332	1,256	631	625
Texas <sup>1</sup> .....	2,161	1,252	636	616	1,663	941	722
Utah.....	2,472	3,852	2,495	1,357	7,709	5,887	1,822
Washington.....	1,934	2,780	1,600	1,180	3,892	2,594	1,298
Wyoming.....	5,577	7,933	5,593	2,340	13,231	10,933	2,298

<sup>1</sup> Exclusive of enterprises supplying water for the irrigation of rice.

Reservoirs.—Table 8 gives, by states, the number and capacity of reservoirs used for irrigation in 1910. The acre-foot, used to express capacity, is the quantity of water required to cover 1 acre to the depth of 1 foot, or 43,560 cubic feet. Most of these reservoirs are filled from streams during flood season and in the winter, the stored water being used in the late summer on land which receives its earlier supply by gravity diversion from streams. Some, however, store storm water flowing in drainage channels which are ordinarily dry.

STATE.	RESERVOIRS.	
	Number.	Capacity (acre-feet).
<b>Total.....</b>	<b>6,812</b>	<b>12,581,129</b>
Arizona.....	402	1,349,908
California.....	1,583	743,269
Colorado.....	1,084	2,646,593
Idaho.....	243	1,742,303
Kansas.....	42	31,024
Montana.....	827	580,261
Nebraska.....	44	2,098
Nevada.....	109	325,933
New Mexico.....	522	454,162
North Dakota.....	22	132,187
Oklahoma.....	11	22
Oregon.....	271	1,024,266
South Dakota.....	314	216,205
Texas <sup>1</sup> .....	288	72,051
Utah.....	480	588,317
Washington.....	156	121,543
Wyoming.....	414	2,650,937

<sup>1</sup> Exclusive of reservoirs supplying water for the irrigation of rice.

Wells.—Table 9 shows the number and capacity of flowing and pumped wells used for irrigation in 1910. The capacities reported are estimates made by the owners, and are often not very accurate, as few well owners have facilities for measuring the discharge of wells. In the case of pumped wells many of the statements of capacity are based on the estimated pump capacity, the capacity of the wells themselves never having been tested.

STATE.	WELLS.			
	Flowing.		Pumped.	
	Number.	Capacity (gallons per minute).	Number.	Capacity (gallons per minute).
<b>Total.....</b>	<b>5,070</b>	<b>1,345,596</b>	<b>14,558</b>	<b>5,426,139</b>
Arizona.....	214	9,953	470	765,921
California.....	2,361	477,343	10,724	4,119,575
Colorado.....	313	41,989	121	53,564
Idaho.....	62	7,200	24	2,826
Kansas.....	3	30	939	73,362
Montana.....	15	22,185	10	5,263
Nebraska.....	19	1,302	66	3,363
Nevada.....	673	669,268	6	1,349
New Mexico.....	15	22,185	466	190,690
North Dakota.....	1	15	1	15
Oklahoma.....	51	3,035	65	1,791
Oregon.....	42	14,382	92	20,883
South Dakota.....	122	36,939	4	24
Texas <sup>1</sup> .....	1,138	42,794	1,412	121,631
Utah.....	55	18,926	27	4,827
Washington.....	2	250	128	60,226
Wyoming.....	2	250	3	835

<sup>1</sup> Exclusive of wells supplying water for the irrigation of rice.

Pumping plants.—Table 10 gives the number of pumping plants used for irrigation in 1910, with the capacities of power plants and pumps. The capacities are given as reported by the owners, and in most cases represent the rated capacities claimed by the manufacturers of the apparatus, which are probably in excess of the capacities obtained in use under ordinary field conditions.

STATE.	PUMPING PLANTS.		
	Number.	Capacity of power plants (horse-power).	Capacity of pumps (gallons per minute).
<b>Total.....</b>	<b>13,906</b>	<b>243,435</b>	<b>9,947,909</b>
Arizona.....	429	37,258	851,873
California.....	9,297	128,143	5,276,298
Colorado.....	206	7,969	296,937
Idaho.....	58	7,065	278,569
Kansas.....	698	1,517	128,276
Montana.....	125	3,511	281,199
Nebraska.....	75	140	5,366
Nevada.....	18	693	24,295
New Mexico.....	413	14,226	216,355
North Dakota.....	4	2,008	182,115
Oklahoma.....	68	107	4,541
Oregon.....	229	3,095	118,514
South Dakota.....	8	63	5,289
Texas <sup>1</sup> .....	1,784	20,915	1,455,285
Utah.....	69	2,143	315,057
Washington.....	391	13,847	365,411
Wyoming.....	34	705	142,529

<sup>1</sup> Exclusive of plants supplying water for the irrigation of rice.



## COST.

Table 11 gives, by states, the total cost of irrigation enterprises in the arid region as reported at the Eleventh, Twelfth, and Thirteenth Censuses, and also the

estimated final cost of enterprises which were either completed or under way on July 1, 1910, the date of the census of irrigation of 1910.

Table 11

## COST OF IRRIGATION ENTERPRISES.

STATE.	1910		1899	1889	Increase.		
	Estimated final cost.	Cost to July 1.			1899-1910 <sup>1</sup>		1889-1899
					Amount.	Per cent.	Per cent.
Total.....	\$424,281,186	\$307,866,369	\$66,962,275	<sup>2</sup> \$29,611,000	\$240,904,094	359.8	126.1
Arizona.....	24,828,868	17,677,966	4,438,352	465,000	13,239,614	298.3	854.5
California.....	84,392,344	72,580,030	19,181,610	13,005,000	53,398,420	278.4	47.5
Colorado.....	76,443,239	56,636,443	11,758,703	6,369,000	44,877,740	381.7	84.6
Idaho.....	58,451,106	40,977,688	5,120,399	1,029,000	35,857,289	700.3	397.6
Kansas.....	1,362,563	1,365,563	529,755	( <sup>3</sup> )	835,808	157.8	.....
Montana.....	32,382,077	22,970,958	4,683,073	1,023,000	18,287,885	390.5	188.5
Nebraska.....	9,485,231	7,798,310	1,310,698	( <sup>3</sup> )	6,487,612	495.0	.....
Nevada.....	12,188,756	6,721,924	1,537,559	1,251,000	5,184,365	337.2	22.9
New Mexico.....	11,640,091	9,154,897	4,165,312	512,000	4,989,585	119.8	713.5
North Dakota.....	836,482	836,482	16,980	( <sup>3</sup> )	819,502	4,826.3	.....
Oklahoma.....	47,200	47,200	21,872	.....	25,328	115.8	.....
Oregon.....	39,216,619	12,760,214	1,843,771	826,000	10,916,443	592.1	123.2
South Dakota.....	3,800,556	3,043,140	284,747	( <sup>3</sup> )	2,758,393	968.7	.....
Texas <sup>4</sup> .....	8,613,533	7,346,708	705,608	( <sup>3</sup> )	6,641,100	941.2	.....
Utah.....	17,840,775	14,028,717	5,865,302	2,780,000	8,163,415	139.2	111.0
Washington.....	22,322,856	16,219,149	1,525,399	197,000	14,693,780	963.3	674.3
Wyoming.....	20,425,890	17,700,980	3,973,165	1,281,000	13,727,815	345.5	210.2

<sup>1</sup> Increase computed on the basis of the cost to July 1, 1910.

<sup>2</sup> Includes \$273,000 for Kansas, Nebraska, North Dakota, South Dakota, and Texas, which are not shown separately in the report of the census of 1890, these five states being grouped under the designation of "subhumid region."

<sup>3</sup> Separate figures not available.

<sup>4</sup> Exclusive of enterprises supplying water for the irrigation of rice.

The cost of irrigation enterprises up to July 1, 1910, as reported at the Thirteenth Census, includes the cost of construction, the cost of acquiring rights, and any added costs incident to construction, such as the purchase of land for rights of way, the building of structures for use in operation and maintenance, and engineering and legal expenses. For all of the larger enterprises the cost is that given by the owners, but it is probable that in many cases this is estimated rather than taken from actual accounts. For some of the smaller enterprises the cost was estimated by the special agents of the Census Bureau, and in the case of some schedules received by mail the cost has been estimated in the bureau on the basis of the average cost per acre for other enterprises of the same class in the same vicinity. Many of the smaller ditches were built a number of years ago by their owners without the expenditure of much, if any, money, and many of these have since changed hands. In such cases the cost given by the present owners is only a rough estimate. The data as to cost reported for 1899 and 1889 are probably somewhat less accurate than those for 1910. The figure for cost given in the Twelfth Census report is designated as the "cost of construction of systems operated in 1899." The figure for cost at the Eleventh Census is an estimate consisting of the sum of the amounts obtained by multiplying the acreage irrigated by the average first cost per acre of obtaining water, or of water rights, as given by the irrigators. Although not specifically stated in the reports for the

previous censuses, it is probable that the figures there given include the same items represented in the figure for cost in 1910.

The total cost of irrigation enterprises up to July 1, 1910, was reported as \$307,866,369, which represents an increase of \$240,904,094, or 359.8 per cent over the cost reported at the census of 1900. In no state in the arid region was the increase in cost for this period less than 100 per cent, the highest percentage of increase being in North Dakota and the lowest in Oklahoma. With respect to absolute increase California ranked first, Colorado second, Idaho third, and Montana fourth. The year 1910 was in the midst of a period of great activity in the construction of irrigation works, and on July 1, 1910, a large number of works were incomplete. The "estimated final cost" reported, \$424,281,186, is the sum of the cost up to July 1 and the estimated cost of completing these unfinished works.

**Average cost per acre.**—Table 12 gives the average cost of irrigation enterprises per acre. The averages for 1889 and 1899 are, with one exception, for the acreage actually irrigated in the respective years. These averages are probably considerably higher than if they had been calculated on the basis of the acreage the enterprises were capable of irrigating. At the Thirteenth Census the average cost per acre has been computed by dividing the cost to July 1, 1910, by the acreage which enterprises were capable of irrigating in 1910. Averages based on the acreage irrigated in 1909 and the cost



to July 1, 1910, are, however, also presented as a rough basis for comparison with the averages for the previous censuses. In addition, averages based on the estimated final cost of enterprises and the acreage which their owners expect finally to be able to supply with water are given. These latter averages would represent most accurately the true cost of providing works to supply water for irrigation, were it not for a more or less general tendency to underestimate cost and overestimate the acreage it will be possible to serve.

**Table 12**

AVERAGE COST OF IRRIGATION ENTERPRISES PER ACRE.

STATE.	1910			1899	1889
	Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.	Based on cost to July 1, 1910, and acreage irrigated in 1909.	Based on estimated final cost and acreage included in projects.		
Total.....	\$15.92	\$22.41	\$13.64	\$8.91	\$8.15
Arizona.....	45.60	55.23	26.30	23.94	7.07
California.....	20.05	27.24	15.37	13.27	12.95
Colorado.....	14.19	20.29	12.92	7.30	7.15
Idaho.....	17.15	28.64	16.47	13.79	4.74
Kansas.....	9.75	36.44	8.47	22.43	( <sup>2</sup> )
Montana.....	10.42	13.68	9.21	4.92	4.63
Nebraska.....	18.17	30.47	13.95	8.82	( <sup>2</sup> )
Nevada.....	7.99	9.58	9.89	3.05	7.58
New Mexico.....	14.19	19.83	10.56	20.43	5.58
North Dakota.....	38.17	81.62	21.91	3.49	( <sup>2</sup> )
Oklahoma.....	7.38	10.76	5.53	7.93	4.64
Oregon.....	15.36	18.60	15.52	4.75	( <sup>2</sup> )
South Dakota.....	23.69	48.11	18.85	6.52	( <sup>2</sup> )
Texas <sup>1</sup> .....	21.57	44.72	11.43	17.23	( <sup>2</sup> )
Utah.....	11.22	14.04	9.16	9.32	10.55
Washington.....	34.47	48.51	27.32	12.08	4.03
Wyoming.....	10.80	15.62	9.18	6.56	3.62

<sup>1</sup> Based on acreage under ditch in 1899.

<sup>2</sup> Figures for Kansas, Nebraska, North Dakota, South Dakota, and Texas are not shown separately in the report of the census of 1890, these five states being grouped under the designation of "subhumid region." The average for the subhumid region was \$4.07.

<sup>3</sup> Exclusive of land irrigated for rice growing.

The average cost per acre based on the acreage irrigated in 1909 was \$22.41; that based on the acreage enterprises were capable of irrigating in 1910 was \$15.92; and that based on the estimated total cost and the acreage included in projects was \$13.64.

Between 1889 and 1899 there was no marked increase in the average cost of irrigation enterprises per acre of land irrigated, but in 1910 the average cost per acre was very much higher. The chief reason for this is the fact that, naturally, irrigation enterprises were first undertaken where water could be most easily secured and engineering difficulties were least serious. The enterprises undertaken during more recent years have been of necessity on a much larger scale than those built formerly, and, in most cases, of a better and more permanent type of construction. Indeed, much of the cost incurred between 1889 and 1910 was for the im-

provement of existing works, especially by the addition of reservoirs, which did not provide water for new lands, but rather provided a better supply for land already irrigated.

**Average cost per acre, by type of enterprise.**—Table 13 gives the average cost of irrigation enterprises per acre in 1910, computed in the three ways just shown, for each class of enterprises.

**Table 13**

AVERAGE COST OF IRRIGATION ENTERPRISES PER ACRE.

CLASS OF ENTERPRISE.	Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.		
	Based on cost to July 1, 1910, and acreage irrigated in 1909.	Based on estimated final cost and acreage included in projects.	
All classes.....	\$15.92	\$22.41	\$13.64
U. S. Reclamation Service.....	67.52	134.17	48.14
U. S. Indian Service.....	12.78	27.83	13.33
Carey Act enterprises.....	30.53	115.30	21.75
Irrigation districts.....	27.37	41.44	20.33
Cooperative enterprises.....	12.89	17.19	10.07
Individual and partnership enterprises.....	7.09	8.69	5.22
Commercial enterprises.....	24.98	41.71	16.79

The highest average cost per acre on each basis is shown for the United States Reclamation Service enterprises, and the next highest in each case for Carey Act enterprises. Irrigation districts ranked third and commercial enterprises fourth, except in one case where the order is reversed. These four classes comprise the large enterprises which are now engaged in developing new lands, and most of their work is of recent date. The works built by individuals or cooperative enterprises, which are smaller and were for the most part built at an earlier period, naturally utilized the sources from which water could be most readily diverted and transported to the land to be irrigated. The larger works of recent date serve land farther from the streams and involve better, more expensive, and more permanent construction, and as a result the average cost per acre is higher than that for the small works.

**Average cost per acre, by size groups.**—The average cost of irrigation works per acre for enterprises classified by size is shown in Table 14. The classification is based on the acreage intended ultimately to be irrigated.

It will be noted that in general the cost per acre irrigated increases with the size of enterprises. This condition is due at least in a considerable measure to the fact already noted that most of the larger enterprises, which are mainly of recent date, have had to seek water more difficult to obtain than that secured by the smaller enterprises, and that they represent a better type of work.



Table 14

	Total.	ENTERPRISES CONTAINING—				
		Less than 25,000 acres.	25,000 to 50,000 acres.	50,000 to 75,000 acres.	75,000 to 100,000 acres.	100,000 acres and over.
Number of enterprises.....	54,700	54,548	74	28	16	34
Acreage:						
Irrigated in 1909.....	13,738,485	11,395,874	832,024	412,685	264,096	833,806
Enterprises were capable of irrigating in 1910.....	19,334,097	14,789,465	1,281,145	728,795	493,514	2,041,778
Included in projects.....	31,111,142	20,632,614	2,420,289	1,623,348	1,300,247	5,125,644
Cost:						
To July 1, 1910.....	\$307,966,369	\$175,308,121	\$23,411,977	\$19,524,778	\$14,420,824	\$75,209,669
Estimated final.....	\$424,281,186	\$207,068,121	\$33,154,836	\$33,537,574	\$21,368,421	\$129,152,234
Average cost per acre based on:						
Acreage irrigated in 1909 and cost to July 1, 1910.....	\$22.41	\$15.38	\$28.14	\$47.31	\$54.60	\$90.19
Acreage enterprises were capable of irrigating in 1910 and cost to July 1, 1910.....	\$15.92	\$11.85	\$18.27	\$26.79	\$29.22	\$36.83
Acreage included in projects and estimated final cost.....	\$13.64	\$10.04	\$13.70	\$20.66	\$16.32	\$25.20

**Operation and maintenance.**—Table 15 gives the average cost per acre for the operation and maintenance of irrigation enterprises in 1909. The inquiry as to this item was not extended to individual and partnership enterprises, for the reason that farmers owning their own ditches usually clean and repair them at odd times without keeping any record of the time or money expended. In the case of some enterprises of other classes, no reports were received. The statistics for cost of operation reported at the two previous censuses, for various reasons, are not fairly comparable with those for 1909, and consequently are not shown in the table.

For the arid region as a whole, the average cost of operation and maintenance per acre irrigated was \$1.07. The abnormal cost shown for North Dakota (\$28.40) relates almost entirely to a single large project which supplied water in 1909 to only a small part of the acreage which it is designed to serve. The lowest average is for Oklahoma (\$0.51 per acre).

Table 15

STATE.	Acreage irrigated in 1909 by enterprises for which cost of operation and maintenance was reported.	REPORTED COST OF OPERATION AND MAINTENANCE IN 1909.	
		Amount.	Average per acre for which cost was reported.
<b>Total.....</b>	<b>6,379,955</b>	<b>\$6,828,433</b>	<b>\$1.07</b>
Arizona.....	230,429	214,358	0.93
California.....	1,368,247	2,109,431	1.54
Colorado.....	1,401,670	1,046,268	0.75
Idaho.....	883,098	560,032	0.63
Kansas.....	34,255	54,595	1.59
Montana.....	394,507	349,602	0.89
Nebraska.....	209,023	227,385	1.09
Nevada.....	88,976	80,110	0.97
New Mexico.....	278,439	377,972	1.36
North Dakota.....	1,610	45,718	28.40
Oklahoma.....	1,909	1,000	0.51
Oregon.....	263,855	198,111	0.75
South Dakota.....	25,514	16,288	0.64
Texas <sup>1</sup> .....	109,097	356,270	3.25
Utah.....	689,994	451,283	0.65
Washington.....	176,197	543,312	3.08
Wyoming.....	221,875	190,648	0.86

<sup>1</sup> Exclusive of enterprises supplying water for the irrigation of rice.

## CROPS.

The returns of crops grown on irrigated land, which were made by the regular enumerators of population and agriculture, are somewhat incomplete, for the reason that, owing to the late date at which the provisions of law regarding the irrigation census were passed, the enumerators could not be as carefully instructed regarding the special irrigation schedules as regarding the regular agricultural schedules. On many of the schedules the agricultural enumerators reported land as irrigated but failed to return separately the crops grown on such land. The total acreage of crops reported as raised on irrigated land formed 52.7 per cent of the total acreage irrigated in 1909; and while part of the remainder was doubtless in pasture, it is evident that part was in crops not reported as grown under irrigation and a part was probably in crops not harvested. Although the totals are thus incomplete, the returns are sufficiently accurate to afford reliable averages of yields and values and to show the relative importance of the various crops.

Table 16 gives, by states, the total acreage and total value of crops reported as irrigated in 1909, with the average value per acre.

Table 16

STATE.	CROPS IRRIGATED IN 1909.		
	Acreage.	Value.	
		Total.	Average per acre.
<b>Total.....</b>	<b>7,241,561</b>	<b>\$181,617,496</b>	<b>\$25.08</b>
Arizona.....	171,302	4,718,100	27.54
California.....	1,196,767	52,057,007	43.50
Colorado.....	1,650,356	39,478,994	23.92
Idaho.....	772,684	16,582,213	21.46
Kansas.....	22,118	477,025	21.57
Montana.....	909,342	14,535,960	15.99
Nebraska.....	137,211	1,973,860	14.39
Nevada.....	356,079	5,339,475	15.00
New Mexico.....	230,034	5,705,922	24.80
North Dakota.....	3,273	56,215	17.18
Oklahoma.....	2,806	51,995	18.53
Oregon.....	368,911	7,489,255	20.30
South Dakota.....	38,438	505,684	13.16
Texas <sup>1</sup> .....	58,227	2,645,385	45.43
Utah.....	579,744	14,642,892	25.26
Washington.....	160,483	7,994,531	49.82
Wyoming.....	583,786	7,362,983	12.61

<sup>1</sup> Exclusive of rice.

The table shows for all crops reported as irrigated an average value per acre of \$25.08.

The highest average value per acre for crops raised on irrigated land is that for Washington, \$49.82, which



is followed by that for Texas, \$45.43 (exclusive of rice), and that for California, \$43.50. Wyoming showed the lowest average value per acre, \$12.61. As is to be expected, the average value per acre is highest in the states with large areas of fruits, vegetables, and other specialized crops raised by means of irrigation, while in those where forage crops and grains predominate the average is lower. Fruit crops comprised about 12 per cent of the total acreage of irrigated crops in Washington in 1909 and about 21 per cent of the total in California, and vegetables and other special crops about 21 per cent of the total acreage of irrigated crops in Texas, exclusive of rice. In Wyoming, on the other hand, more than 32 per cent of the total acreage of irrigated crops in 1909 was in wild grass, and irrigated fruit crops were insignificant.

Table 17 shows the reported acreage and value of each important irrigated crop in the arid region as a whole, with the percentage of the total represented by each.

Table 17

CROP.	CROPS IRRIGATED IN 1909.			
	Acreage.		Value.	
	Amount.	Per cent of total.	Amount.	Per cent of total.
Total reported .....	7,241,561	100.0	\$181,617,496	100.0
Alfalfa.....	2,216,628	30.6	50,850,533	28.0
Wild, salt, or prairie grasses.....	1,530,669	21.1	11,734,268	6.5
Oats.....	739,632	10.2	14,055,424	7.7
Wheat.....	548,173	7.6	12,826,982	7.1
Barley.....	240,117	3.3	4,399,445	2.4
Orchard fruits and grapes.....	236,385	3.3	18,245,182	10.0
Other tame or cultivated grasses.....	219,701	3.0	2,571,297	1.4
Grains cut green.....	209,363	2.9	2,992,570	1.6
Timothy alone.....	202,817	2.8	3,211,751	1.8
Sugar beets.....	185,467	2.5	10,511,467	5.8
Timothy and clover mixed.....	183,308	2.5	3,071,935	1.7
Potatoes.....	168,014	2.3	10,085,692	5.6
Corn.....	133,673	1.8	2,423,507	1.3
Tropical and subtropical fruits.....	99,431	1.4	15,344,375	8.4
All other.....	330,183	4.6	19,293,078	10.6

In acreage alfalfa ranked first, with 30.6 per cent of the total reported; "wild, salt, or prairie grasses" second, with 21.1 per cent; and oats third, with 10.2 per cent. Forage crops, taken together, occupied about 63 per cent of the total reported acreage, cereals about 23 per cent, sugar beets 2.5 per cent, potatoes 2.3 per cent, fruit crops about 5 per cent, and the crops such as vegetables, root forage, cotton, buckwheat, and others (grouped under the head "all other") 4.6 per cent.

In value also alfalfa was most important, representing 28 per cent of the total amount reported; but orchard fruits and grapes ranked second in this respect among the crops shown separately and tropical fruits third, notwithstanding the relatively small acreages in these crops.

**Average yields per acre.**—Table 18 shows for each of the leading crops grown on irrigated land the average yield per acre in comparison with the average yield of the same crop on unirrigated land in the United States as a whole. Yields for fruit crops are not given because of the large variety of units in which

these yields were expressed and because the general agricultural schedules do not show the acreage in these crops.

Table 18

CROP.	AVERAGE YIELD PER ACRE.		EXCESS OF AVERAGE YIELD ON IRRIGATED LAND OVER THAT ON UNIRRIGATED LAND. <sup>1</sup>	
	On irrigated land, arid region.	On unirrigated land, entire United States.	Amount.	Per cent.
<b>Cereals:</b>				
Corn.....bushels..	23.7	25.9	-2.2	-8.5
Oats.....bushels..	36.8	28.5	8.3	29.1
Wheat.....bushels..	25.6	15.3	10.3	67.3
Barley.....bushels..	29.1	22.3	6.8	30.5
<b>Hay and forage:</b>				
Alfalfa.....tons..	2.94	2.14	0.80	37.4
Timothy alone.....tons..	1.73	1.22	0.51	41.8
Timothy and clover mixed.....tons..	1.82	1.26	0.56	44.4
Other tame or cultivated grasses <sup>2</sup> .....tons..	1.53	1.05	0.48	45.7
Wild, salt, or prairie grasses.....tons..	1.06	1.07	-0.01	-0.9
Grains cut green.....tons..	1.46	1.23	0.23	18.7
<b>Sundry crops:</b>				
Potatoes.....bushels..	153.6	103.8	49.8	48.0
Sugar beets.....tons..	11.89	9.70	2.19	22.6

<sup>1</sup> A minus sign (-) indicates that the yield on irrigated land is less than that on unirrigated land.

<sup>2</sup> Includes millet or Hungarian grass.

For each of the crops presented in the table except corn and "wild, salt, or prairie grasses," the average yield on irrigated land exceeds that on unirrigated land, the percentages of excess ranging from 18.7 for grains cut green to 67.3 per cent for wheat. As climatic conditions in the arid region are not favorable to corn, it is not grown to a large extent there. In the case of "wild, salt, or prairie grasses" the average yields on irrigated and unirrigated land are practically equal. A large part of the unirrigated wild grass is cut on river bottom lands where the soil is likely to be wet, even without irrigation, and consequently a difference in favor of irrigated land is not to be expected.

A combined average for all the crops listed in Table 18, each being given a weight corresponding to its acreage, shows an excess yield of 28.6 per cent for the crops grown on irrigated land over those grown on unirrigated land. It is, of course, obvious that this difference in no way represents the advantage of irrigation over nonirrigation. In some sections where rainfall is plentiful irrigation would add little to the yield, but in arid sections often little or nothing can be raised without irrigation.

**Average values per acre.**—The average values per acre of the leading irrigated crops reported for the arid region are shown in Table 19 in comparison with averages for the same crops grown on unirrigated land for the United States as a whole, so far as acreage figures are available for these.

Among crops grown on irrigated land in 1909, tropical fruits led in average value per acre by a wide margin, orchard fruits and grapes ranking second. Potatoes followed the fruit crops, with an average value of \$60.03, and sugar beets were next of the



crops shown separately, the average value being \$57.29 per acre. Alfalfa, the most important irrigated crop, had an average value per acre of \$22.94. In comparing the average values per acre for different crops it should be borne in mind that the crops with higher average values often require more expensive methods of cultivation than those with lower average values.

Table 19

CROP.	AVERAGE VALUE PER ACRE.		EXCESS OF AVERAGE VALUE FOR IRRIGATED LAND OVER THAT FOR UNIRRIGATED LAND.	
	On irrigated land, arid region.	On unirrigated land, entire United States.	Amount.	Per cent.
Tropical and subtropical fruits	\$154.32	( <sup>1</sup> )		
Orchard fruits and grapes	77.18	( <sup>1</sup> )		
Potatoes	60.03	\$44.66	\$15.37	34.4
Sugar beets	57.29	51.87	5.42	10.4
Wheat	23.40	14.75	8.65	58.6
Alfalfa	22.94	16.97	5.97	35.2
Oats	19.00	11.64	7.36	63.2
Barley	18.32	11.81	6.51	55.1
Corn	18.13	14.62	3.51	24.0
Timothy and clover mixed	16.76	13.13	3.63	27.6
Timothy alone	15.84	12.76	3.08	24.1
Grains cut green	14.29	14.26	0.03	0.2
Other tame or cultivated grasses <sup>2</sup>	11.70	10.35	1.35	13.0
Wild, salt, or prairie grasses	7.67	5.06	2.61	51.6
All other	58.43	( <sup>3</sup> )		

<sup>1</sup> Acreage not reported.

<sup>2</sup> Includes millet or Hungarian grass.

<sup>3</sup> Comparable figure not available.

Each of the crops shown in the table for which comparisons are made had a higher average value per acre for irrigated land than is shown for the same crop grown on unirrigated land for the United States. The excess in favor of the products raised on irrigated land, for the crops included in the comparison, ranged from 0.2 per cent for grains cut green to 63.2 per cent for oats. The average excess for irrigated crops for the crops for which comparative figures are given in the table, based on the total acreages and total values, is about 43 per cent. It should be noted that the comparison just made does not include the crops with the highest average values per acre, such as fruits and vegetables.

**Comparison with preceding census.**—According to the reports of the Twelfth Census the total acreage of irrigated crops in the arid and semiarid states was 5,932,557, while the acreage of such crops reported at the present census of irrigation was 7,241,561, which represents an increase of 22.1 per cent. The fact that this increase is much smaller than the increase in the acreage reported as irrigated (82.7 per cent) is a

further indication that the crop reports of the census of irrigation for 1910 are incomplete. Because of this incompleteness, the crop figures of the two censuses are not compared directly, but in Table 20 the percentage which the acreage in each irrigated crop formed of the total acreage reported in such crops is shown for the two censuses.

Table 20

CROP.	ACREAGE OF IRRIGATED CROPS.			
	1909		1899	
	Acreage.	Per cent of total.	Acreage.	Per cent of total.
Total reported	7,241,561	100.0	5,932,557	100.0
Alfalfa	2,216,628	30.6	1,517,888	25.6
Wild, salt, or prairie grasses	1,530,669	21.1	997,438	16.8
Oats	739,632	10.2	332,365	5.6
Wheat	548,173	7.6	775,991	13.1
Barley	240,117	3.3	172,228	2.9
Other tame or cultivated grasses <sup>1</sup>	219,701	3.0	306,298	5.2
Grains cut green	209,363	2.9	200,639	3.4
Sugar beets	183,467	2.5	9,074	0.2
Potatoes	168,014	2.3	90,991	1.5
Corn	133,673	1.8	149,799	2.5
Tropical and subtropical fruits	99,431	1.4	87,071	1.5
Rye	6,054	0.1	7,096	0.1
All other	946,639	13.1	1,285,679	21.7

<sup>1</sup> Includes millet or Hungarian grass.

From Table 20 it appears that at both censuses alfalfa was the leading crop grown under irrigation, but that it occupied a considerably larger proportion of the total acreage reported for irrigated crops in 1909 than in 1899. The crop next in importance in respect to acreage in both years was "wild, salt, or prairie grasses," which likewise comprised a larger percentage of the total in 1909 than in 1899. Oats was third in acreage in 1909, followed by wheat, while in 1899 wheat ranked third and oats fourth. Oats covered a much larger percentage of the total acreage of irrigated crops in 1909 than in 1899 and wheat a much smaller percentage in the later than in the earlier year.

The most notable relative increase was for sugar beets, the growing of this crop in the irrigated region being largely a development of the last decade. Potatoes also showed a marked increase in relative importance. Tropical and subtropical fruits occupied about the same place in the two censuses. From a comparison of Table 20 with Table 19, it will be seen that, with the exception of "wild, salt, or prairie grasses," the irrigated crops which are increasing in acreage most rapidly are all among the crops with relatively high values per acre.

#### IRRIGATION FOR RICE GROWING.

As previously stated, the special inquiry into irrigation for rice growing was confined to the rice growing districts of Louisiana, Texas, and Arkansas. The data collected, except those relating to crops, are summarized in Table 21.

The number of farms reporting irrigation for rice growing and the acreage irrigated, as reported at the

census of 1910, cover the year 1909, while all other data for that census relate to the year 1910. The reports of the agricultural census of 1910 show that 95.5 per cent of the entire acreage of rice harvested in 1909 was in the three states included in the special irrigation inquiry, and that in all the other states a marked decrease occurred between 1899 and 1909



in the acreage in rice. The figures given in the table for the census of 1910 represent, therefore, in a fairly adequate measure, the extent of irrigation for rice growing in the United States.

The acreage reported on the special irrigation schedules as irrigated for rice growing in 1909 is greater than the total acreage of rice reported in that year on the agricultural schedules for the territory covered. This difference is due principally to the fact that the irrigation schedules show the total acreage watered, while the agricultural schedules show only the acreage harvested. A considerable acreage planted in rice in 1909 was not harvested because of poor stand, shortage of water, and damage by storms.

**Table 21**

	Total for specified states.	Louisiana.	Texas.	Arkansas.
Number of farms reporting irrigation for rice growing.....	4,010	2,690	1,088	232
Acreage irrigated for rice growing.....	694,800	380,200	286,847	27,753
Acreage enterprises were capable of irrigating in 1910.....	950,706	553,220	350,350	47,136
Acreage included in projects.....	1,134,322	581,965	499,474	52,883
Number of enterprises.....	2,158	1,237	611	310
Total length of ditches.....miles..	2,339	1,168	1,040	131
Length of main ditches.....miles..	1,398	729	538	131
Length of lateral ditches.....miles..	941	439	502	.....
Reservoirs:				
Number.....	144	104	21	19
Capacity.....acre-feet..	21,795	19,482	2,310	3
Flowing wells:				
Number.....	1	.....	1	.....
Capacity.....gals. per min..	80	.....	80	.....
Pumped wells:				
Number.....	1,413	606	500	307
Capacity.....gals. per min..	1,822,560	1,108,236	445,495	268,829
Pumping plants:				
Number.....	1,897	1,007	575	315
Capacity of power plants, horsepower.....	118,045	57,426	48,179	12,440
Capacity of pumps, gals. per min..	9,407,955	5,064,173	3,907,380	436,402
Cost of irrigation enterprises to July 1, 1910.....	\$13,587,639	\$6,859,166	\$6,140,639	\$587,834
Average cost per acre <sup>1</sup> .....	\$14.29	\$12.40	\$17.53	\$12.47
Estimated final cost of existing enterprises.....	\$13,667,639	\$6,914,166	\$6,140,639	\$612,834
Average cost per acre <sup>2</sup> .....	\$12.05	\$11.88	\$12.29	\$11.59

<sup>1</sup> Based on acreage enterprises were capable of irrigating in 1910.

<sup>2</sup> Based on acreage included in projects.

The total acreage irrigated for rice growing in the three states in 1909 was 694,800, of which 54.7 per cent was in Louisiana, 41.3 per cent in Texas, and 4 per cent in Arkansas. The enterprises which were completed or under way in 1910 were reported as capable of irrigating 950,706 acres in that year and of serving ultimately a total of 1,134,322 acres.

The total cost of irrigation enterprises to July 1, 1910, was \$13,587,639, or an average of \$14.29 per acre for the land to which they were capable of supplying water in 1910. Upon the basis of the acreage irrigated in 1909, the average cost per acre was \$19.56. The estimated total cost of enterprises completed or under way in 1910 was \$13,667,639, or \$12.05 per acre for the land included in these enterprises. From these figures it appears that the works for supplying water for rice irrigation which were under construction in 1910 were relatively insignificant.

In the report on irrigation for the Twelfth Census no information relating to the irrigation of rice in Arkan-

sas is given, because the rice growing industry in that state was insignificant in 1900.

In Table 22 comparisons are made for Louisiana and Texas for the few items that were reported at both censuses. The figures for the Twelfth Census relate to the year 1899.

**Table 22**

	LOUISIANA.			TEXAS.		
	Census of—		Per cent of increase. ( <sup>1</sup> )	Census of—		Per cent of increase.
	1910	1900		1910	1900	
Farms reporting irrigation for rice growing ..	2,690	4,531	-40.6	1,088	73	( <sup>2</sup> )
Acreage irrigated.....	380,200	201,685	88.5	286,847	8,700	3,197.1
Enterprises...number..	1,237	596	107.6	611	( <sup>3</sup> )	.....
Length of main ditches, (miles).....	729	386	88.9	538	( <sup>4</sup> )	.....
Cost of irrigation enterprises.....	\$6,859,166	\$2,529,319	171.2	\$6,140,639	\$322,000	1,807.0
Average cost per acre.....	\$12.40	\$12.54	( <sup>5</sup> )	\$17.53	\$37.01	( <sup>6</sup> )

<sup>1</sup> A minus sign (—) denotes decrease.

<sup>2</sup> Per cent not calculated when base is less than 100.

<sup>3</sup> Not reported.

<sup>4</sup> Estimated.

<sup>5</sup> Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.

<sup>6</sup> Based on cost of systems operated in 1899, and acreage irrigated in that year.

<sup>7</sup> Figures not comparable. (See explanation in text.)

In Louisiana considerable increases have taken place since the census of 1900 in all the items shown in the table except number of farms. The large decrease in the number of farms reporting the irrigation of rice is probably due to the abandonment of rice growing on farms where only small acreages were planted, and an extension of the industry in sections where rice is grown on a larger scale. In Texas almost the entire development has taken place since 1899.

As the figures for average cost of irrigation enterprises per acre at the two censuses are not computed on the same basis, they are not comparable.

Although the crop returns for irrigated rice are not complete, they are sufficiently so to afford reliable averages of the yield and value per acre. These are shown in Table 23.

**Table 23**

STATE.	RICE GROWN ON IRRIGATED LAND IN 1909.	
	Average yield per acre (bushels).	Average value per acre.
Louisiana.....	34.6	\$25.70
Texas.....	38.7	28.54
Arkansas.....	45.9	41.56

Continuous cropping in rice exhausts the soil, and the districts of Louisiana, where the land has been used for a longer time than in other sections, show the lowest average yield, while Arkansas, where the growing of rice is of comparatively recent date, shows the highest average yield.



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# MANUFACTURES



CHAPTER 15.—STATISTICS FOR STATES, CITIES, AND INDUSTRIES







## CHAPTER 15.

### STATISTICS OF MANUFACTURES FOR STATES, CITIES, AND INDUSTRIES.

**Introduction.**—This chapter contains a summary of the statistics of manufactures for the United States for the calendar year 1909, as shown by the Thirteenth Census.

The principal facts derived from the census inquiry are presented in four general tables at the end of the chapter, the first giving statistics for individual industries, the second for states and territories, the third for each of the 25 leading manufacturing cities, and the fourth for each city of 10,000 or more inhabitants.

Table 110 gives for each industry in 1909, 1904, and 1899 the number of establishments; number of persons engaged in the industry during the year, classified as proprietors and firm members, salaried employees, and wage earners; primary power; capital; salaries; wages; cost of materials; value of products; value added by manufacture; and the percentage of increase in average number of wage earners and in value of products, from census to census. The industries are arranged alphabetically.

Table 111 gives similar statistics for the different states and territories, arranged geographically.

Table 112 gives for each of the 25 leading manufacturing cities the same items given in Tables 110 and 111; the cities are arranged according to the value of their manufactured products.

Table 113 gives, for each city of 10,000 or more inhabitants, the number of establishments, the average number of wage earners, the value of products, and the value added by manufacture for 1909, 1904, and 1899. The cities are arranged alphabetically by states.

In addition to these general tables there are interspersed in the text discussion a series of special text tables analyzing certain of the data contained in the general tables. Some of these special text tables present figures only for all industries combined in continental United States as a whole; others give statistics for the principal industries separately; and still others give figures for states and territories.

**Scope of census: Factory industries.**—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of organization, location of establishments, size of establishments, labor force, and similar subjects. When use is made of the data for these purposes it is imperative that due attention should be given

to the limitations of the figures. Particularly is this true when the attempt is made to derive from them figures purporting to show average wages, cost of production, or profits.

The census of 1909, like that of 1904, was confined to manufacturing establishments conducted under the factory system, as distinguished from the neighborhood, hand, and building industries. Where statistics for 1899 are given they have been reduced to a comparable basis by eliminating, as far as possible, the latter classes of industries. The census does not include establishments which were idle during the entire year, or had a value of products of less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions, or in governmental establishments, except those of the Federal Government.

**Period covered.**—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for establishments which began or discontinued business during the year.

**The establishment.**—As a rule, the term "establishment" represents a separated plant or mill. In some cases it represents two or more plants operated under a common ownership or for which one set of books of account is kept.

If the plants constituting an establishment as thus defined were not all located within the same city or state, separate reports were secured in order that the separate totals might be included in the statistics for each city or state. In some instances separate reports were secured for different industries carried on in the same establishment.

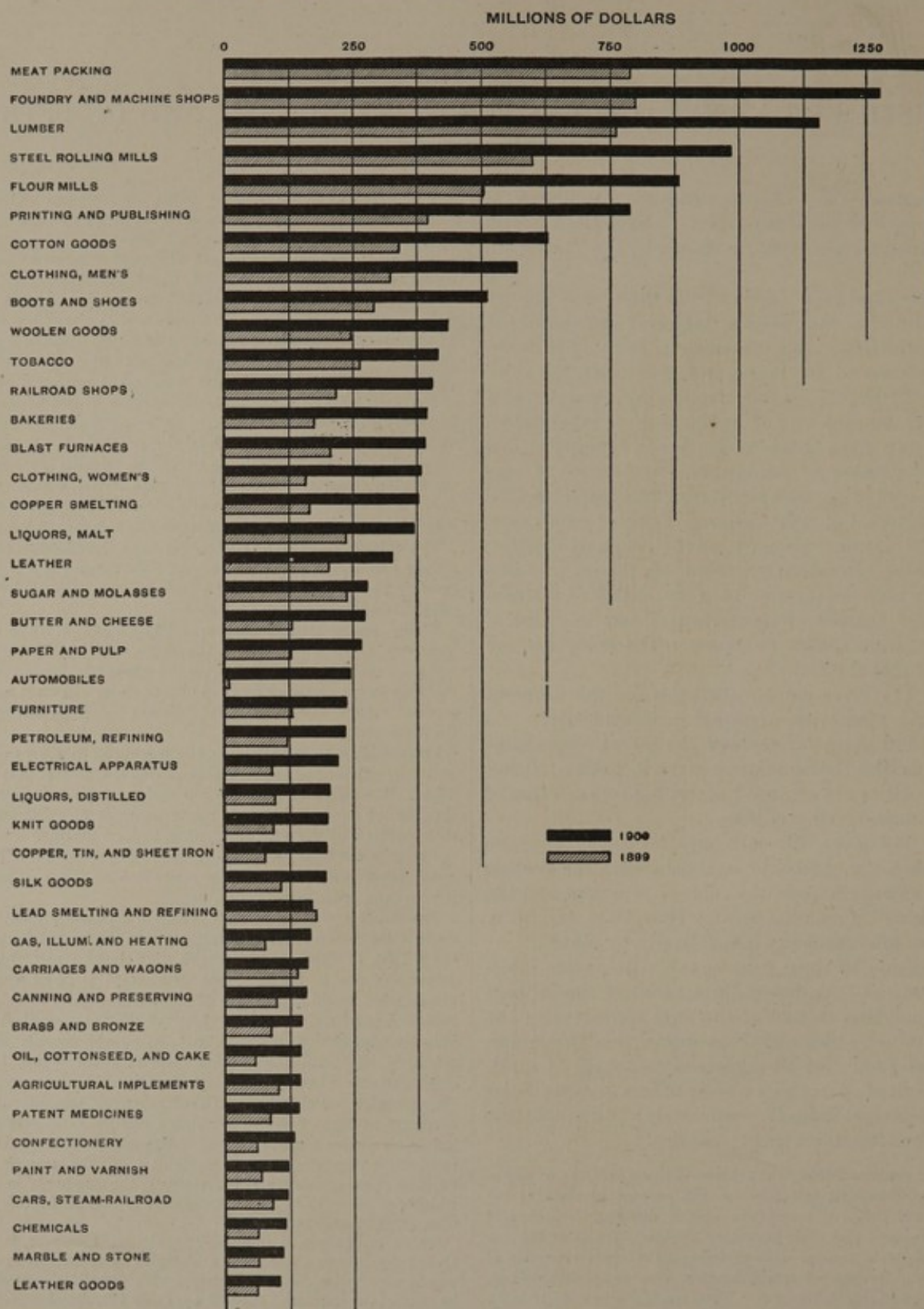
**Classification by industries.**—The establishments were assigned to the several classes of industries according to their products of chief value. The value of products reported for a given industry may thus, on the one hand, include minor products very different from those covered by the class designation, and, on the other hand, may not include the total product covered by this designation, because some part of this product may be made in establishments in which it is not the product of chief value.

The number of industries for which a separate presentation is made is 264, a much smaller number than in the reports for the census of 1904, in which 339 industries were shown separately. This decrease is due to the fact that an attempt to make a separate presentation would in the case of many industries be misleading, inasmuch as a large part of the product of the class described by the industry designation is made, not by establishments engaged primarily in manufacturing that class of commodities, but by establishments whose principal product is such as to necessitate their classification elsewhere. In order to avoid this difficulty it is necessary in many cases to combine a number of closely related industries under a more general designation. This condition is constantly becoming more conspicuous in the manufacturing business of the country, and consequently the number of industries which can properly be shown separately is smaller at this census than at previous censuses.

Owing to changes in industrial conditions, moreover, it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses, and for some of the industries covered by Table 110, therefore, comparative statistics for earlier censuses are necessarily omitted.



## VALUE OF PRODUCTS, BY INDUSTRIES: 1909 AND 1899.





## GENERAL SUMMARY.

**Continental United States and noncontiguous territory: 1909.**—The following table gives for 1909 the more important figures for the manufactures of continental United States and for Alaska, Hawaii, and Porto Rico. The table does not cover possessions of the United States other than those mentioned. The statistics of manufactures included in the census of the Philippine Islands taken by the War Department for

1902 are not comparable with those shown in the reports for continental United States; and there has been no census of manufactures in Guam, Samoa, or the Canal Zone. The statistics for Alaska, Hawaii, and Porto Rico include some small establishments of the nature of hand or neighborhood industries, such as are omitted from the canvass for continental United States.

Table 1	NUMBER OR AMOUNT.				
	Total.	Continental United States.	Alaska.	Hawaii.	Porto Rico.
Number of establishments.....	270,082	268,491	152	500	939
Persons engaged in manufactures.....	7,707,751	7,678,578	3,479	7,572	18,122
Proprietors and firm members.....	275,952	273,265	135	1,074	1,478
Salaried employees.....	792,168	790,267	245	594	1,062
Wage earners (average number).....	6,639,931	6,615,046	3,099	5,904	15,582
Primary horsepower.....	18,755,286	18,675,376	3,975	41,930	34,005
Capital.....	\$18,490,749,000	\$18,428,270,000	\$13,060,000	\$23,875,000	\$25,544,000
Expenses.....	18,526,436,000	18,454,090,000	9,454,000	31,753,000	31,139,000
Services.....	4,375,634,000	4,365,613,000	2,328,000	2,795,000	4,898,000
Salaries.....	940,900,000	938,575,000	380,000	686,000	1,259,000
Wages.....	3,434,734,000	3,427,038,000	1,948,000	2,109,000	3,639,000
Materials.....	12,195,019,000	12,142,791,000	5,120,000	25,629,000	21,479,000
Miscellaneous.....	1,955,783,000	1,945,686,000	2,006,000	3,329,000	4,762,000
Value of products.....	20,767,546,000	20,672,052,000	11,340,000	47,404,000	36,750,000
Value added by manufacture (value of products less cost of materials).....	8,572,527,000	8,529,261,000	6,220,000	21,775,000	15,271,000

The total value of manufactures in the area covered by this table for 1909 was \$20,767,546,000, of which 99.5 per cent was contributed by continental United States, the manufactures of Alaska, Hawaii, and Porto Rico being comparatively unimportant. The most important industry in Alaska is the canning and preserving of fish; in Hawaii, the manufacture of sugar; and in Porto Rico, the manufacture of sugar and of tobacco products.

The above table is the only one in this report in which the statistics for the noncontiguous territories are included, all the other tables relating exclusively to continental United States.

**Explanation of terms.**—With reference to some of the items contained in the above and following tables certain explanations are necessary:

**Persons engaged in manufacturing industries.**—The statistics of the number of proprietors and firm members and the number of salaried employees are based on the returns for a single representative day only. In the case of wage earners a report was obtained of the number employed on the 15th of each month, and from these returns the average number employed during the year has been calculated by dividing the sum of the numbers reported for the several months by 12. (See also p. 452.)

**Capital.**—For reasons stated in reports of prior censuses the statistics of capital secured by the census canvass are so defective as to be of little value, except as indicating very general conditions. The instructions on the schedule for securing capital were as follows:

The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All

the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises.

**Materials.**—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" includes fuel, rent of power and heat, mill supplies, and containers, as well as materials forming a constituent part of the product. Under the head of "fuel" is included all fuel used, whether for heat, light, or power, or for the process of manufacture.

**Expenses.**—Under "Expenses" are included all items of expense incident to the year's business, except interest, whether on bonds or other forms of indebtedness, and allowances for depreciation.

**Value of products.**—The amounts given under this head represent the selling value at the factory of all products manufactured during the year, which may differ from the value of the products sold. Amounts received for work on materials furnished by others are included.

**Cost of manufacture and profits.**—Census data do not show the entire cost of manufacture, and consequently can not be used to show profits. No account has been taken of interest and depreciation. Even if the amount of profit could be determined by deducting the expenses from the value of the products the rate of profit on the investment could not properly be calculated, because of the very defective character of the returns regarding capital.

**Primary horsepower.**—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented by them from other concerns. It does not cover the electric power developed by the primary power of the establishments themselves, the inclusion of which would evidently result in duplication.



General comparison for the United States: 1909, 1904, and 1899.—The following table gives the principal items of information covered by census inquiries

relative to manufactures in continental United States for 1909, 1904, and 1899, together with the percentages of increase from census to census:

Table 2	NUMBER OR AMOUNT.			PER CENT OF INCREASE.	
	1909	1904	1899	1904-1909	1899-1904
Number of establishments.....	268,491	216,180	207,514	24.2	4.2
Persons engaged in manufactures.....	7,678,578	6,213,612	( <sup>1</sup> )	23.6	.....
Proprietors and firm members.....	273,265	225,673	( <sup>1</sup> )	21.1	.....
Salaried employees.....	790,267	519,556	364,120	52.1	42.7
Wage earners (average number).....	6,615,046	5,468,383	4,712,763	21.0	16.0
Primary horsepower.....	18,675,376	13,487,707	10,097,893	38.5	33.6
Capital.....	\$18,428,270,000	\$12,675,581,000	\$8,975,256,000	45.4	41.2
Expenses.....	18,454,090,000	13,138,260,000	9,870,425,000	40.5	33.1
Services.....	4,365,613,000	3,184,884,000	2,389,132,000	37.1	33.3
Salaries.....	938,575,000	574,439,000	380,771,000	63.4	50.9
Wages.....	3,427,038,000	2,610,445,000	2,008,361,000	31.3	30.0
Materials.....	12,142,791,000	8,500,208,000	6,575,851,000	42.9	29.3
Miscellaneous.....	1,945,686,000	1,453,168,000	905,442,000	33.9	60.5
Value of products.....	20,672,052,000	14,793,903,000	11,406,927,000	39.7	29.7
Value added by manufacture (value of products less cost of materials).....	8,529,261,000	6,293,695,000	4,831,076,000	35.5	30.3

<sup>1</sup> Figures not available.

In 1909 the United States had 268,491 manufacturing establishments, which gave employment during the year to an average of 7,678,578 persons, of whom 6,615,046 were wage earners. These manufacturing establishments paid \$4,365,613,000 in salaries and wages, and turned out products to the value of \$20,672,052,000, to produce which materials costing \$12,142,791,000 were consumed. The value added by manufacture, namely, the difference between the cost of materials and the total value of products, was \$8,529,261,000. This figure best represents the net wealth created by manufacturing operations, because the gross value of products includes the cost of the materials used, which are either the products of non-manufacturing industries, such as agriculture, forestry, fisheries, and mining, or else are themselves the product of manufacturing establishments. The value of products derived from this latter class of materials involves a duplication, inasmuch as the value of these materials has already figured in the value of products reported for the establishments manufacturing them in the first instance; in some cases, indeed, where a given product has passed through several distinct stages of manufacture in different establishments before reaching its final form, this duplication may be repeated several times. All such duplications, as well as the original value of materials, are, however, eliminated in the figures for value added by manufacture. This value covers salaries and wages—which represent over one-half of the total—overhead charges, depreciation, interest, taxes, and other expenses attendant upon the manufacturing operations, as well as the profits of the undertaking.

Table 2 shows that the manufacturing industries of the United States as a whole experienced a more rapid growth during the five-year period 1904-1909

than during the period 1899-1904, although in both periods the progress was very marked. During the first five years of the decade the average number of wage earners increased 16 per cent; during the second five years, 21 per cent. The value of products increased 29.7 per cent during the first period and 39.7 per cent during the second period. The rate of increase in the value added by manufacture shows less difference between the two periods, being 30.3 per cent during the first five years and 35.5 per cent during the second five years. In this connection it may be noted that there was a greater rate of increase in the cost of materials during the second period than during the first.

During the 10 years from 1899 to 1909 the number of establishments increased 29.4 per cent; the capital employed, 105.3 per cent; the average number of wage earners, 40.4 per cent; the amount of primary power, 84.9 per cent; the value of materials consumed, 84.7 per cent; the value of products, 81.2 per cent; and the value added by manufacture, 76.6 per cent. The gross value of products in 1909 exceeded that in 1899 by more than \$9,000,000,000, and the value added by manufacture in 1909 was, in round numbers, \$3,700,000,000 more than in 1899.

It would be improper to infer that manufactures increased in volume during either of the five-year periods covered by the table to the full extent indicated by the increase in value of materials consumed or in the value of products, since the increase shown in these items is certainly due in part to the increase that has taken place in the price of commodities. It may be presumed that the quantity of products increased somewhat more rapidly than the number of wage earners; this might be expected from the fact that the amount of primary power increased much faster than the number of wage earners; in



other words, each wage earner, on the average, had greater assistance from mechanical power in 1909 than in 1904 or 1899.

It is a matter of interest to note that during both of the five-year periods the wages paid showed a higher percentage of increase than the average number of wage earners, thus indicating an increase in the average wages.

**Comparison with earlier censuses.**—In 1810 the Secretary of the Treasury made a report on the condition of manufactures in the United States and estimated that the value of products for 1809 exceeded \$120,000,000. An estimate based on the returns of the census of 1810 placed the value of the annual product at \$198,613,471. Further efforts to secure statistics of manufactures were made in 1820 and 1840, but the results were more or less unsatisfactory. In 1830 no such attempt was made. The census of 1850 was the first to present fairly complete statistics for manufactures. Each census from that time to 1890 was based in part on returns for the preceding calendar year and in part on returns for other 12-month periods, mainly ending during the census year itself. The last three censuses cover principally returns for the preceding calendar year or for 12-month periods ending within that year. In general, in this report the statistics for all censuses are referred to by the year preceding that in which the census was taken.

The statistics of manufactures secured at the decennial censuses from 1850 to 1900, inclusive, covered the neighborhood, hand, and building industries, as well as the factory industries, while the reports for 1904 and 1909 were confined to factory industries. The statistics for 1899 obtained at the decennial census of 1900, although originally taken on the broader basis, have, for the purpose of comparison with later censuses, been reduced to the factory basis by eliminating as far as possible the neighborhood, hand, and building trades, but no such elimination is possible with respect to the earlier censuses. For this reason the statistics for years prior to 1899 are not entirely comparable with those for 1904 and 1909. Nevertheless, for the purpose of showing in a rough way the movement during each decade since 1850, the following summary table is presented. Two sets of figures are given in this table for 1899, the one including the neighborhood, hand, and building trades, in order to make the data comparable with those for preceding censuses, and the other excluding them in order to make the figures comparable with those for later censuses. The values and wages for 1869 have been reduced to a gold basis, inasmuch as the figures as reported would, because of the inflation of the currency at that time, exaggerate the increase from 1859 to 1869, and understate the increase from 1869 to 1879.

Table 3

	Number of establishments.	Capital.	Wage earners (average number).	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
<b>Factories and hand and neighborhood industries:</b>							
1849 (census of 1850).....	123,025	\$533,245,000	957,059	\$295,755,000	\$555,124,000	\$1,019,107,000	\$463,983,000
1859 (census of 1860).....	140,433	1,009,856,000	1,311,246	378,879,000	1,031,605,000	1,885,862,000	854,257,000
Per cent of increase, 1849 to 1859.....	14.1	89.4	37.0	60.0	85.8	85.0	84.1
1869 (census of 1870) (gold value).....	232,148	1,694,567,000	2,053,996	620,467,000	1,990,742,000	3,385,860,000	1,395,118,000
Per cent of increase, 1859 to 1869.....	79.6	67.8	56.6	63.8	93.0	79.5	63.3
1879 (census of 1880).....	253,852	2,790,273,000	2,732,595	947,954,000	3,396,824,000	5,369,579,000	1,972,755,000
Per cent of increase, 1869 to 1879.....	0.7	64.7	33.0	52.8	90.6	74.5	41.4
1889 (census of 1890).....	355,405	6,525,051,000	4,251,535	1,891,210,000	5,162,014,000	9,372,379,000	4,210,365,000
Per cent of increase, 1879 to 1889.....	40.0	133.8	55.6	99.5	52.0	74.5	113.4
1899 (census of 1900).....	512,191	9,813,834,000	5,396,143	2,320,938,000	7,343,628,000	13,000,149,000	5,656,521,000
Per cent of increase, 1889 to 1899.....	44.1	50.4	24.8	22.7	42.3	38.7	34.3
<b>Factories, excluding hand and neighborhood industries:</b>							
1899 (census of 1900).....	207,514	8,975,256,000	4,712,763	2,008,361,000	6,575,851,000	11,406,927,000	4,831,076,000
1904 (census of 1905).....	216,180	12,675,551,000	5,468,383	2,610,445,000	8,500,208,000	14,793,903,000	6,293,695,000
Per cent of increase, 1899 to 1904.....	4.2	41.2	16.0	30.0	29.3	29.7	30.3
1909 (census of 1910).....	268,491	18,428,270,000	6,615,046	3,427,038,000	12,142,791,000	20,672,052,000	8,529,261,000
Per cent of increase, 1904 to 1909.....	24.2	45.4	21.0	31.3	42.9	39.7	35.5
Per cent of increase, 1899 to 1909.....	29.4	105.3	40.4	70.6	84.7	81.2	76.6

This table shows that, although the returns for 1849 included neighborhood, hand, and building trades and those for 1909 did not, nevertheless the value of products in the latter year was over twenty times as great as the value reported 60 years before. During the same time the number of wage earners employed increased almost sixfold.

As judged by the number of wage earners, the decade showing the greatest percentage of increase was that from 1859 to 1869, during which the average number of wage earners increased 56.6 per cent. The decade 1879

to 1889 also showed an exceptionally high percentage of increase in this respect, while the next largest percentage of increase occurred during the decade from 1899 to 1909. As respects value of products, the percentage of increase during the past decade exceeds that in any other except the decade from 1849 to 1859; but in value added by manufacture, the percentage of increase during the past 10 years falls below that from 1879 to 1889, as well as that from 1849 to 1859.

The absolute increases shown for the various items covered by the table during the decade 1899 to 1909



were much greater than during any other decade; the increase in value of products, in fact, almost equaled the total value of all manufactured products in 1889.

**Leading industries.**—The relative importance of the leading manufacturing industries in the United States in 1909 and their growth from 1899 to 1909 are shown in Table 4, which includes the industries having a gross value of products in 1909 of \$100,000,000 or more. The industries are arranged in the order of the value of products. The table also shows the rank of the industries listed, not only with respect to value of products, but with respect to number of wage earners employed and value added by manufacture, and the percentage of the total of each of these items for all industries combined which is represented by each specified industry. While the column of rank under "Value of products" represents correctly the order of the industries named among all the industries of the country, the ranking shown with reference to number of wage earners and value added by manufacture relates only to the relative order of the industries covered by this particular table. There are various industries not named which rank higher in these respects than some of the industries listed in the table.

The number of wage earners and the value added by manufacture are, at least from certain standpoints, a better measure of the relative importance of manufacturing industries than the gross value of products. In some industries the value of the materials used constitutes by far the larger part of the total value of products, the manufacturing process involving the addition of only a small amount of labor cost and other expenses and of manufacturer's profit to the cost of the materials. Moreover, in some of the industries there is a much greater duplication in the gross value of products than in others. This duplication, of course, does not appear in the value added by manufacture.

In considering the ranking of the industries in Table 4, it should be borne in mind that some of the industries specified are in a sense groups of industries rather than single industries. As stated in the Introduction, in certain cases, in order to avoid a misleading understatement of the importance of the production of a given minor class of commodities, the returns for establishments making these commodities as their sole or principal product have had to be combined with those of establishments in larger industries which produce primarily other commodities, but which incidentally make a large part of the distinctive products in question. In a few instances where a similar condition exists, however, it was deemed best not to make such a combination of industries. As also stated in the Introduction, the report for each establishment, as a whole, has been assigned to a given class of industry according to its products of chief value, so that the figures for any given class must not be taken either as fully covering or as represent-

ing exclusively the operations of that branch of manufacturing indicated by the industry designation.

The following explanations show the scope of those classifications in the table which are not on their face entirely clear:

*Slaughtering and meat packing.*—This classification includes the wholesale slaughtering and meat-packing establishments and those engaged in the manufacture of sausage, but not the numerous retail butcher shops which in the aggregate slaughter a large number of animals. It includes the manufacture of many by-products, some of which are carried to a high degree of elaboration.

*Foundry and machine-shop products.*—This industry includes all allied industries excepting those which manufacture a distinctive product indicated by some other classification, such as cash registers, calculating machines, sewing machines, and electrical machinery. The establishments engaged in the manufacture of bells, gas machines and gas and water meters, hardware, plumbers' supplies, saddlery hardware, steam fittings, structural ironwork, and cast-iron and cast-steel pipe, some of which were reported under separate classifications at previous censuses, are all included under this general heading.

*Lumber and timber products.*—This industry embraces logging operations, ordinary sawmills, planing mills, and establishments engaged in the manufacture of wooden packing boxes. It does not include statistics of mills engaged exclusively in custom sawing for local consumption.

*Iron and steel, steel works and rolling mills.*—This industry embraces the manufacture of steel and the hot rolling of iron and steel. It also includes the making of forgings and castings and the manufacture of rolled iron and steel into more highly finished forms when conducted as a part of the rolling-mill operations, as well as the few extant forges and bloomeries. It does not, however, include the making of cold-rolled products, nor of forgings, castings, and manufactures of iron and steel by establishments not equipped with steel-making furnaces or hot trains of rolls.

*Flour-mill and gristmill products.*—This classification includes statistics for all mills grinding wheat, rye, or buckwheat flour, or corn meal, hominy, grits, or feed, but it does not include statistics for mills doing custom grinding exclusively, or for factories making fancy cereal food or other special food preparations as a chief product.

*Printing and publishing.*—This classification includes job-printing establishments, the printing and publishing of books, newspapers and periodicals, and music, bookbinding, steel engraving, and lithographing.

*Cotton goods, including cotton small wares.*—In addition to the statistics for cotton mills proper, there are included under this head the statistics for establishments that make a specialty of small wares, such as



braids, tapes, bindings, corset and shoe laces, and the like.

*Clothing, men's, including shirts.*—This classification includes the making of men's and boys' ready-made clothing; the making of overalls, butchers' aprons, bathing suits, and gymnasium clothing; and the manufacture of all kinds of shirts—cotton, linen, flannel, etc.—as well as shirt bosoms and shirt waists for men and boys.

*Boots and shoes, including cut stock and findings.*—Under this head are included not only factories making the finished product, but those doing the whole or part of the work on materials furnished by others, as well as shops doing stitching, crimping, fitting, and bottoming, or performing other special operations. The manufacture of footwear not coming strictly under the head of boots and shoes, such as overgaiters, moccasins, and leggings, is also covered by this designation. It does not include the manufacture of rubber boots and shoes.

*Clothing, women's.*—Besides the making of suits, dresses, skirts, and shirt waists, this industry includes the manufacture of women's underwear and night robes, of infants' clothing, and of such articles as aprons, linings, belts, dress shields, and hose supporters.

*Sugar and molasses, not including beet sugar.*—Under this classification are included the manufacture of sugar and of some by-products of the sugar industry, such as molasses and sirup, and also the operations of sugar refineries, together with the manufacture of maple sugar. It does not, however, include the small plantation or custom sugar mills.

*Furniture and refrigerators.*—This industry embraces the manufacture of wood and metal furniture of all kinds, store and office fixtures, and refrigerators and ice boxes, except where such products are provided for by a distinct classification, such as show cases.

*Copper, tin, and sheet-iron products.*—This classification comprises the manufacture of sheet-metal products of copper, tin, and iron, including the preparation of copper, tin, or sheet-iron material for building construction. It includes the factory work on cornices, skylights, roofing, etc., but does not include the erection or installation of the same.

*Canning and preserving.*—This industry includes the canning and preserving of fruits and vegetables, fish, oysters, clams, etc., and the manufacture of pickles, preserves, jellies, sauces, etc. It includes the preparation of pickled, smoked, and dried fish, and the packing of dried fruits by packing houses which make a specialty of such business, but does not include the drying and packing of fruits by the grower on the farm, nor does it include the canning of meats, soups, and similar products in meat-packing establishments, the statistics for which are included with those for the slaughtering and meat-packing industry.

*Patent medicines and compounds and druggists' preparations.*—Under this head are included establishments making so-called patent medicines, and also some compounds that are not used for medicinal purposes, and the manufacture of capsules, extracts, tinctures, and other pharmaceutical preparations, together with perfumery and cosmetics.

*Chemicals.*—This classification includes establishments engaged primarily in the manufacture of acids, sodas, potashes, alums, coal-tar products, cyanides, bleaching materials, plastics, compressed or liquefied gases, alkaloids, gold, silver, and platinum salts, chloroform, ether, and other fine chemicals, glycerin, epsom salts, copperas, blue vitriol, and other bases and salts, when they are made as a chief product by the establishment reporting. Chemical substances produced by the aid of electricity are presented in a group by themselves. Chemicals of the class above specified are frequently manufactured as by-products by establishments classified in the census reports under a different head, for example, by establishments making patent medicines and compounds and druggists' preparations, soap, fertilizers, baking powders, and flavoring extracts; by refiners of coal tar for use as roofing material; by smelters and refiners of lead and zinc; and by establishments engaged in the manufacture of sulphuric, nitric, and mixed acids and of explosives, in wood distillation, and in making tin and terne plate.

It will be seen from Table 4 that some of the industries that hold a very high rank in gross value of products rank comparatively low in the number of wage earners employed and in the value added by manufacture. Where this is the case it indicates that the cost of materials represents a large proportion of the total value of products, and that therefore the value added by manufacture, of which wages constitute usually the largest item, is not commensurate with the total value of products. Thus the slaughtering and meat-packing industry, which ranks first in gross value of products, and the flour-mill and gristmill industry, which ranks fifth in that respect, both hold a comparatively low rank with regard to number of wage earners and value added by manufacture. The blast-furnace industry, the smelting and refining of copper, the manufacture and refining of sugar and molasses, the manufacture of butter, cheese, and condensed milk, the refining of petroleum, and the smelting and refining of lead are other industries which rank much higher in gross value of products than in the number of wage earners or the value added by manufacture.

There are several industries the rank of which according to the number of wage earners and the value added by manufacture is decidedly higher than the rank according to value of products; in other words, the cost of materials is relatively a smaller part of the total value of products for these industries than for



most others. Among the industries of this class are the making of women's clothing, the manufacture of automobiles, furniture, electrical machinery, apparatus, and supplies, hosiery and knit goods, silk goods, and agricultural implements, and the confectionery and marble and stone work industries.

The foundry and machine-shop industry, the lumber industry, the steel works and rolling mills, the printing and publishing industry, the manufacture of cotton goods, of men's clothing, and of boots and shoes all rank among the first 10 industries in the table on

each of the three bases shown in the table. The figures for both value of products and value added by manufacture in the case of the brewery and distillery industries include a very large amount of tax paid to the Federal Government, and are therefore misleading as an indication of the relative importance of these industries from a purely manufacturing standpoint. That importance is best shown by their ranking in number of wage earners; in this respect the brewery industry ranks twenty-fifth among the industries listed, and the distillery industry forty-third.

Table 4

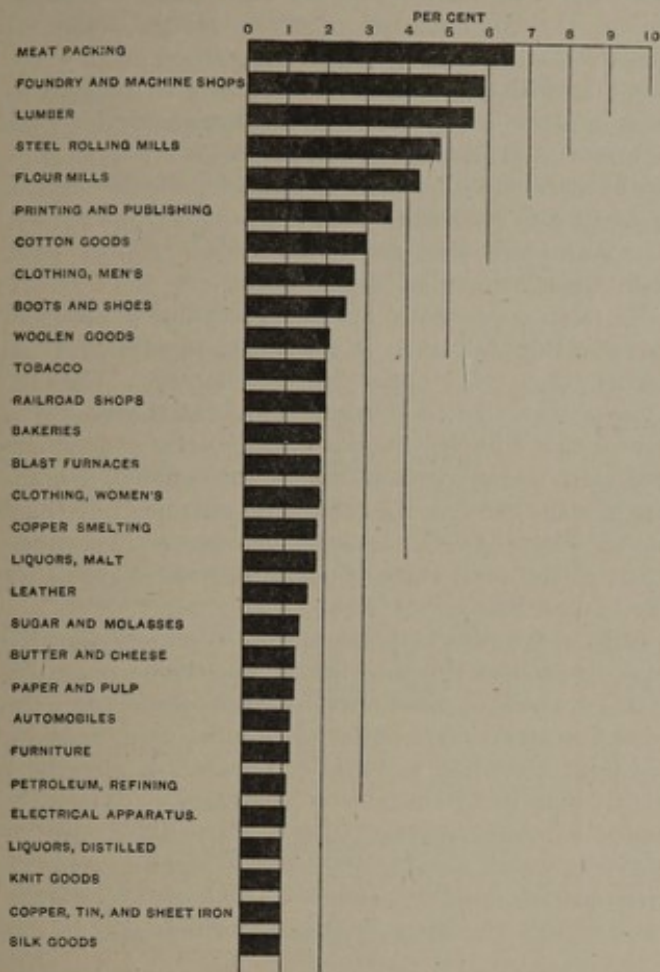
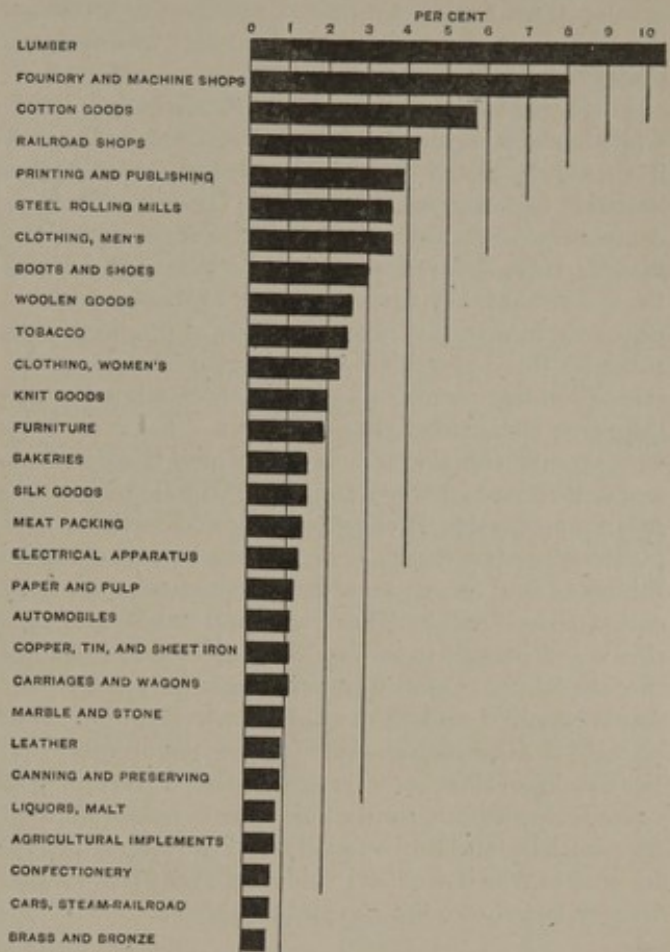
INDUSTRY.	Number of establishments.	WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.			PER CENT OF INCREASE. <sup>1</sup>					
		Average number.	Rank.	Per cent distribution.	Amount (expressed in thousands).	Rank.	Per cent distribution.	Amount (expressed in thousands).	Rank.	Per cent distribution.	Wage earners (average number).		Value of products.		Value added by manufacture.	
											1904-1909	1899-1904	1904-1909	1899-1904	1904-1909	1899-1904
<b>All industries.....</b>	<b>268,491</b>	<b>6,615,046</b>	<b>....</b>	<b>100.0</b>	<b>\$20,672,052</b>	<b>....</b>	<b>100.0</b>	<b>\$8,529,261</b>	<b>....</b>	<b>100.0</b>	<b>21.0</b>	<b>16.0</b>	<b>39.7</b>	<b>29.7</b>	<b>35.5</b>	<b>30.3</b>
Slaughtering and meat packing.....	1,641	89,728	16	1.4	1,370,568	1	6.6	167,740	13	2.0	19.0	8.9	48.6	17.0	51.6	7.3
Foundry and machine-shop products.....	13,253	531,011	2	8.0	1,228,475	2	5.9	688,464	1	8.1	19.8	3.8	39.5	10.3	34.2	17.8
Lumber and timber products.....	40,671	695,019	1	10.5	1,156,129	3	5.6	648,011	2	7.6	30.5	4.7	30.7	16.2	23.7	32.3
Iron and steel, steel works and rolling mills.....	446	240,076	6	3.6	985,723	4	4.8	328,222	4	3.9	15.7	13.3	46.3	12.9	41.0	12.8
Flour-mill and gristmill products.....	11,691	39,453	30	0.6	883,584	5	4.3	116,008	18	1.4	0.9	21.4	23.9	42.2	24.7	27.0
Printing and publishing.....	31,445	258,434	5	3.9	737,876	6	3.6	536,101	3	6.3	18.0	12.2	33.6	39.8	30.8	40.6
Cotton goods, including cotton small wares.....	1,324	378,880	3	5.7	628,392	7	3.0	257,383	7	3.0	19.9	4.3	39.5	32.8	56.7	1.0
Clothing, men's, including shirts.....	6,354	239,696	7	3.6	568,077	8	2.7	270,562	6	3.2	38.0	10.2	39.7	25.6	38.5	25.5
Boots and shoes, including cut stock and findings.....	1,918	198,297	8	3.0	512,798	9	2.5	180,060	10	2.1	23.7	6.0	43.4	23.3	36.0	34.3
Woolen, worsted, and felt goods, and wool hats.....	985	168,722	9	2.6	435,979	10	2.1	153,101	15	1.8	15.0	12.3	36.5	28.4	33.4	20.9
Tobacco manufactures.....	15,822	166,810	10	2.5	416,695	11	2.0	239,509	8	2.8	4.6	20.3	25.8	25.6	16.8	20.0
Cars and general shop construction and repairs by steam-railroad companies.....	1,145	282,174	4	4.3	405,601	12	2.0	206,188	9	2.4	19.1	36.4	30.9	42.0	29.9	46.0
Bread and other bakery products.....	23,926	100,216	14	1.5	396,865	13	1.9	158,831	14	1.9	23.3	35.0	47.2	53.7	39.8	41.4
Iron and steel, blast furnaces.....	208	38,429	31	0.6	391,429	14	1.9	70,791	30	0.8	9.6	-10.6	68.8	12.1	33.9	-29.7
Clothing, women's.....	4,558	153,743	11	2.3	384,752	15	1.9	175,964	11	2.1	32.9	38.2	55.4	55.4	50.5	56.7
Smelting and refining, copper.....	38	15,628	38	0.2	378,806	16	1.8	45,274	36	0.5	22.6	12.6	57.3	45.8	2.8	2.5
Liquors, malt.....	1,414	54,579	25	0.8	374,730	17	1.8	278,134	5	3.3	13.4	22.0	25.6	25.9	24.5	20.6
Leather, tanned, curried, and finished.....	919	62,202	23	0.9	327,874	18	1.6	79,595	27	0.9	8.7	9.8	29.8	23.8	29.5	25.3
Sugar and molasses, not including beet sugar.....	233	13,526	41	0.2	279,249	19	1.4	31,666	41	0.4	-0.2	-4.1	0.7	15.7	-2.7	77.5
Butter, cheese, and condensed milk.....	8,479	18,431	36	0.3	274,558	20	1.3	39,012	39	0.5	18.5	21.5	63.2	28.6	54.4	15.1
Paper and wood pulp.....	777	75,978	18	1.2	267,657	21	1.3	102,215	21	1.2	15.2	32.9	41.8	48.2	32.0	36.4
Automobiles, including bodies and parts.....	743	75,721	19	1.1	249,202	22	1.2	117,556	17	1.4	528.4	437.7	729.7	532.6	596.3	473.5
Furniture and refrigerators.....	3,155	128,452	13	1.9	239,887	23	1.2	131,112	16	1.5	12.5	26.0	34.9	36.1	29.9	37.8
Petroleum, refining.....	147	13,929	40	0.2	236,998	24	1.1	37,725	40	0.4	-10.9	37.4	35.4	41.2	5.9	69.0
Electrical machinery, apparatus, and supplies.....	1,009	87,256	17	1.3	221,309	25	1.1	112,743	20	1.3	44.3	43.9	57.2	52.3	52.4	72.1
Liquors, distilled.....	613	6,430	43	0.1	204,699	26	1.0	168,722	12	2.0	20.1	44.0	55.9	35.6	59.7	29.4
Hosiery and knit goods.....	1,374	129,275	12	2.0	200,144	27	1.0	89,903	23	1.1	24.2	24.4	46.0	45.0	49.1	35.1
Copper, tin, and sheet-iron products.....	4,228	73,615	20	1.1	199,824	28	1.0	87,242	25	1.0	38.8	38.4	66.6	53.1	55.8	56.6
Silk and silk goods, including throwsters.....	852	99,037	15	1.5	196,912	29	1.0	89,145	24	1.0	24.4	21.7	47.7	24.3	55.2	28.0
Smelting and refining, lead.....	28	7,424	42	0.1	167,406	30	0.8	15,443	43	0.2	-2.0	-9.0	-9.9	5.9	-8.5	-46.1
Gas, illuminating and heating.....	1,206	37,215	32	0.6	166,814	31	0.8	114,386	19	1.3	21.8	36.1	33.3	65.3	30.0	59.6
Carriages and wagons and materials.....	5,492	69,928	21	1.1	159,893	32	0.8	77,942	28	0.9	-10.2	5.5	2.6	12.7	-0.5	9.6
Canning and preserving.....	3,767	59,968	24	0.9	157,101	33	0.8	55,278	31	0.7	5.3	-0.1	20.4	31.3	16.8	32.7
Brass and bronze products.....	1,021	40,618	29	0.6	149,989	34	0.7	50,761	34	0.6	22.5	22.1	46.5	15.5	38.1	33.8
Oil, cottonseed, and cake.....	817	17,071	37	0.3	147,868	35	0.7	28,035	42	0.3	9.9	41.2	53.4	64.2	71.2	20.8
Agricultural implements.....	640	50,551	26	0.8	146,329	36	0.7	86,022	26	1.0	6.7	1.7	30.6	10.7	35.0	11.3
Patent medicines and compounds and druggists' preparations.....	3,642	22,895	35	0.3	141,942	37	0.7	91,566	22	1.1	11.8	7.6	20.9	32.3	17.5	37.1
Confectionery.....	1,944	44,638	27	0.7	134,796	38	0.7	53,645	32	0.6	23.2	34.9	54.8	43.6	40.1	51.4
Paint and varnish.....	791	14,240	39	0.2	124,889	39	0.6	45,873	35	0.5	22.4	20.0	37.5	30.6	47.9	24.9
Cars, steam-railroad, not including operations of railroad companies.....	110	43,086	28	0.7	123,730	40	0.6	44,977	37	0.5	26.5	1.8	11.3	22.8	26.6	23.5
Chemicals.....	349	23,714	34	0.4	117,689	41	0.6	53,567	33	0.6	19.7	4.1	56.5	20.1	61.5	18.0
Marble and stone work.....	4,904	65,603	22	1.0	113,093	42	0.5	75,696	29	0.9	28.4	22.6	33.3	33.3	29.9	38.4
Leather goods.....	2,375	34,907	33	0.5	104,719	43	0.5	44,692	38	0.5	2.1	16.8	27.5	35.9	18.6	38.5
All other industries.....	61,887	1,648,441	....	24.9	4,561,002	....	22.0	2,084,399	....	24.4	18.5	23.9	41.8	41.5	36.6	47.1

<sup>1</sup> Per cent of increase is based on figures in Table 110. A minus sign (-) denotes decrease.

The table shows very great differences among the several industries with respect to the percentages of increase in the number of wage earners, value of products, and value added by manufacture. The great majority of the industries, however, show an

increase in each of these items for each of the five-year periods, the exceptions being the sugar industry and the smelting and refining of lead, which show a decrease in one or more items for each five-year period; the refining of petroleum, which shows a



PER CENT DISTRIBUTION OF VALUE OF PRODUCTS,  
BY INDUSTRIES: 1909.PER CENT DISTRIBUTION OF AVERAGE NUMBER OF  
WAGE EARNERS, BY INDUSTRIES: 1909.

decrease in one item, and the manufacture of carriages and wagons, which shows a decrease in two items, for the period 1904 to 1909; and the blast-furnace industry and the canning and preserving industry, which show a decrease in one item each during the period 1899 to 1904.

By far the highest percentages of increase are shown for the automobile industry, the gross value of products of which increased more than sevenfold during the five years 1904 to 1909, and more than fiftyfold during the decade as a whole. Other industries which show exceptionally large increases for both five-year periods in all three items are the making of men's and of women's clothing, the bakery and the butter, cheese, and condensed-milk industries, the manufacture of electrical machinery, apparatus, and supplies, and of copper, tin, and sheet-iron products, the distillery industry, the manufacture of hosiery and knit goods and of silk and silk goods, the illuminating-gas industry, the manufacture of brass and bronze products, and the confectionery, paint and varnish, and marble and stone work industries. It is interesting to note that the group of "all other industries," which in-

cludes the less important industries of the country, shows greater percentages of increase than all industries combined, thus indicating possibly an increased tendency toward diversification in manufacturing industries.

The percentage of increase in all three of the items—number of wage earners, gross value of products, and value added by manufacture—was greater during the second five-year period (1904 to 1909) than during the first (1899 to 1904) in the slaughtering and meat-packing and foundry and machine-shop industries, the manufacture of cotton goods, the men's clothing, boot and shoe, and woollen-goods industries, the smelting and refining of copper, the manufacture of automobiles, silk and silk goods, brass and bronze products, agricultural implements, and paint and varnish, the steel works and rolling mills, and the chemical industry. On the other hand, the percentage of increase in all three items was less during the later five-year period than during the earlier in the flour-mill and gristmill, railroad repair shop, bakery, women's clothing, paper and wood pulp, petroleum refining, furniture, illuminating gas, carriage and wagon, and leather-goods industries.



In all the other industries covered by the table the increases during the second period are in some items greater than during the first period, while in other items they are less, or else the industry shows a decrease during one or both periods.

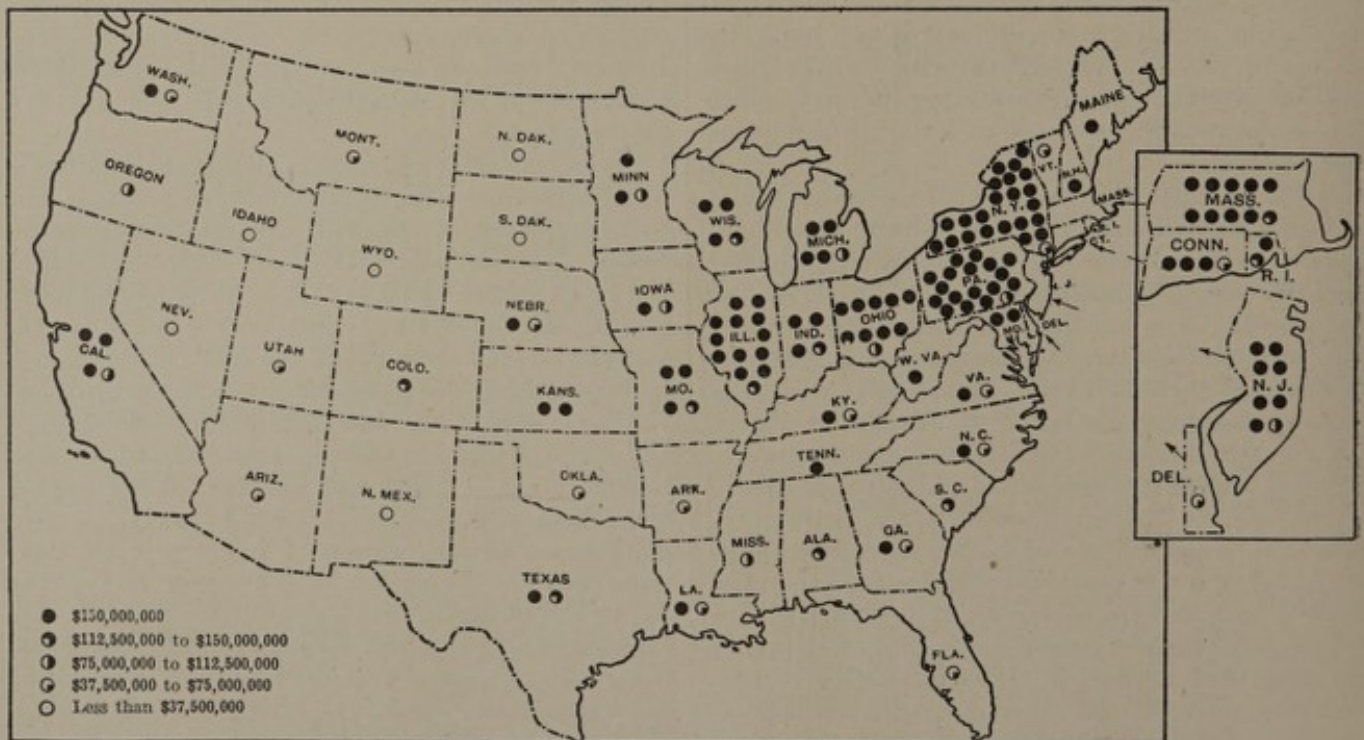
In considering the relative importance of the industries shown in Table 110 and not included in Table 4, it should be noted that there are several industries listed the figures given for which fall far short of being a complete presentation of the statistics for that branch of manufactures covered by the industry designation, for the reason that they cover only establishments engaged primarily in manufacturing the class of products indicated by this designation, while large quantities of the same products are manufactured incidentally by establishments classified under other heads. Some conspicuous examples are the manufacture of glue, candles, lard, and fertilizers, and the dyeing and finishing of textiles. A large proportion of the glue, lard, and fertilizers are manufactured by slaughtering and meat-packing establishments, and quantities of fertilizers are also made in cottonseed-oil mills. The dyeing and finishing of textiles is done largely in the establishments that manufacture the fabric. Candles are manufactured in establishments classified under the head of "soap" and in those engaged in the manufacture of petroleum products. For reasons of this character the roasting and grinding of coffee and spice, and the manufacture of fertilizers, food preparations, and rubber goods, and the soap industry, for each of which products valued at over \$100,000,000 were reported, are not shown in Table 4.

**Summary by states and geographic divisions.**—Table 5 on the next page shows, for each state, the population, also the number of wage earners, value of products, and value added by manufacture in 1909, together with the rank of the state with respect to each of these items and the percentage of the total reported from each state. It also shows the percentage of increase with respect to each of these three items from 1904 to 1909 and from 1899 to 1904, respectively. The states are arranged in the order of their rank with respect to value of products.

The first seven states in respect to value of products are also the first seven in respect to number of wage earners and value added by manufacture. Each of these seven states has the same rank in all three respects except that Illinois, which is third in value of products and value added by manufacture, ranks fourth in number of wage earners, Massachusetts advancing to third place. These seven states together reported over three-fifths of the total value of manufactured products for the United States.

Most of the other states show approximately the same rank in each of the three items, but there are several states in which, because of the large proportion which the cost of materials represents of the total value of products, the rank according to value of products is materially higher than that in number of wage earners or in value added by manufacture. This is particularly true of states in which the flour-mill and slaughtering industries are the most important. The most noteworthy case of this character is Kansas, which ranks four-

VALUE OF PRODUCTS OF MANUFACTURES: 1909.





teenth in value of products, but only thirty-third in number of wage earners and twenty-eighth in value added by manufacture.

With only one exception all of the states show an increase in each of the three items from 1904 to 1909; in Montana, however, the value added by manufacture shows a decrease for this period, due largely to merely technical differences in methods of accounting in the smelting industry, which is the principal one in that state. A few of the states showed a decrease in one or more items for the period 1899 to 1904.

The greatest percentages of increase are naturally in those states in which the development of manufacturing industries is comparatively recent. Thus Texas, Washington, Oregon, Utah, Oklahoma, Idaho, North Dakota, and Nevada show exceptionally high rates of increase for both five-year periods. Among the 10 states which are most important in manufacturing the most conspicuous advances are in Ohio, New Jersey, and Michigan. The absolute increase, as distinguished from the percentage of increase, was greater in New York, the leading manufacturing state, than in any other state.

Table 5

STATE.	Population.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. <sup>1</sup>					
			Average number.	Rank.	Amount (expressed in thousands).	Rank.	Amount (expressed in thousands).	Rank.	Wage earners (average number).		Value of products.		Value added by manufacture.	
									1904-1909	1899-1904	1904-1909	1899-1904	1904-1909	1899-1904
United States.....	91,972,266	268,491	6,615,046	100.0	\$20,672,052	100.0	\$8,529,261	100.0	21.0	16.0	39.7	29.7	35.5	30.3
New York.....	9,113,614	44,935	1,003,981	1	3,369,490	1	1,512,586	1	17.2	17.9	35.4	32.9	32.7	33.5
Pennsylvania.....	7,665,111	27,563	877,543	2	2,626,742	2	1,044,182	2	15.0	15.0	34.3	18.5	28.5	17.5
Illinois.....	5,638,591	18,026	465,704	4	1,919,277	3	758,350	3	8.9	22.8	14.0	36.1	25.8	29.8
Massachusetts.....	3,366,416	11,684	584,559	3	1,490,529	4	659,764	4	7.7	19.7	11.4	32.6	23.8	21.7
Ohio.....	4,767,121	15,138	446,934	5	1,437,936	5	613,734	5	7.2	22.7	18.2	49.7	28.3	41.7
New Jersey.....	2,537,167	8,817	326,223	6	1,145,529	6	425,496	6	5.0	22.5	24.5	47.9	40.0	39.2
Michigan.....	2,810,173	9,159	231,499	7	685,109	7	316,497	7	3.7	32.1	12.5	59.7	34.2	38.5
Wisconsin.....	2,333,860	9,721	182,583	10	590,306	8	243,949	9	2.9	20.6	10.1	43.6	25.8	30.4
Indiana.....	2,700,876	7,969	186,984	9	579,075	9	244,700	8	2.9	21.3	10.9	47.0	16.9	22.2
Missouri.....	3,293,335	8,375	152,993	11	574,111	10	219,700	11	2.6	14.9	23.6	30.6	39.0	41.8
California.....	2,377,549	7,659	115,296	13	529,761	11	204,523	12	2.4	14.9	30.0	44.3	42.7	63.8
Connecticut.....	1,114,756	4,251	210,792	8	490,272	12	233,013	10	2.7	16.1	13.7	32.8	17.1	22.2
Minnesota.....	2,075,708	5,561	84,767	18	409,420	13	127,798	13	1.5	21.7	7.9	33.0	37.6	31.3
Kansas.....	1,690,949	3,435	44,215	33	325,104	14	66,220	28	0.8	24.3	31.2	64.0	28.7	25.4
Maryland.....	1,295,346	4,837	107,921	15	315,669	15	116,620	15	1.4	14.6	(*)	29.7	15.3	14.2
Rhode Island.....	542,610	1,951	113,538	14	280,344	16	122,152	14	1.4	16.7	10.3	38.7	22.1	15.0
Texas.....	3,896,542	4,588	70,230	25	272,896	17	94,717	19	1.1	43.1	27.1	81.3	62.0	53.0
Iowa.....	5,528,611	5,528	61,635	29	259,238	18	88,531	22	1.0	24.6	11.4	61.4	20.8	22.6
Louisiana.....	1,656,388	2,516	76,165	21	223,949	19	89,084	21	1.0	36.4	36.6	20.2	67.3	92.7
Kentucky.....	2,289,905	4,776	65,400	27	223,754	20	111,975	16	1.3	9.4	15.6	40.1	26.3	23.9
Washington.....	1,141,990	3,674	69,120	26	220,746	21	102,858	17	1.2	52.9	43.4	71.4	81.9	92.5
Virginia.....	2,061,612	5,685	105,676	16	219,794	22	94,211	20	1.1	31.6	21.2	47.7	37.0	32.3
North Carolina.....	2,206,287	4,931	121,473	12	216,656	23	94,794	18	1.1	42.3	18.0	52.0	67.1	56.5
Georgia.....	2,609,121	4,792	104,588	17	202,863	24	85,893	23	1.0	12.8	11.3	34.3	59.8	49.2
Nebraska.....	1,192,214	2,500	24,336	37	199,019	25	47,938	31	0.6	20.1	8.5	28.5	18.9	-10.2
Tennessee.....	2,184,789	4,609	73,840	22	180,217	26	76,201	25	0.9	21.9	31.8	30.6	48.7	53.5
Maine.....	742,371	3,546	79,955	19	176,029	27	78,928	24	0.9	6.7	7.2	22.2	27.5	23.6
New Hampshire.....	430,572	1,961	78,658	20	164,581	28	66,424	27	0.8	20.3	-3.4	33.1	14.9	6.3
West Virginia.....	1,221,119	2,586	63,893	28	161,950	29	69,072	26	0.8	46.0	32.3	63.5	47.8	49.8
Alabama.....	2,138,093	3,398	72,148	24	145,962	30	62,519	29	0.7	16.0	18.0	33.7	51.4	42.8
Colorado.....	799,024	2,034	28,067	36	130,044	31	49,553	30	0.6	28.7	11.9	29.9	12.4	30.8
South Carolina.....	1,615,400	1,854	73,046	23	113,236	32	46,885	32	0.6	22.9	26.4	42.7	48.8	28.7
Oregon.....	672,765	2,246	28,750	35	93,005	33	42,453	35	0.5	55.2	28.1	67.5	51.7	57.7
Mississippi.....	1,797,114	2,598	50,384	31	80,555	34	43,629	34	0.5	30.2	44.4	40.2	70.4	84.3
Arkansas.....	1,574,449	2,925	44,982	32	74,916	35	39,981	36	0.5	35.9	5.0	39.1	35.0	48.5
Montana.....	376,053	677	11,655	41	73,272	36	24,092	38	0.3	30.1	-9.1	10.3	25.9	-5.5
Florida.....	752,619	2,159	57,473	30	72,890	37	46,762	33	0.6	36.5	18.7	44.9	47.1	58.3
Vermont.....	355,956	1,968	33,788	34	68,310	38	33,487	37	0.4	2.1	17.5	8.3	22.5	9.2
Utah.....	373,351	749	11,785	40	61,989	39	20,723	40	0.2	46.4	48.8	56.2	116.5	113.8
Oklahoma.....	1,657,155	2,310	13,143	39	53,982	40	19,529	41	0.2	140.9	129.1	119.5	200.7	142.1
Delaware.....	202,322	726	21,238	38	52,840	41	21,902	39	0.3	15.0	-10.2	28.4	-0.4	-1.9
Arizona.....	204,354	311	6,441	44	50,257	42	16,657	42	0.2	34.4	53.3	79.0	37.4	7.4
District of Columbia.....	331,069	518	7,707	43	25,289	43	15,042	43	0.2	22.4	2.3	37.7	11.8	18.7
Idaho.....	325,594	725	8,220	42	22,400	44	12,480	44	0.1	168.5	97.2	155.4	192.2	200.9
North Dakota.....	577,056	752	2,789	48	19,138	45	5,464	46	0.1	58.9	29.2	87.3	63.2	48.0
South Dakota.....	583,888	1,020	3,602	46	17,870	46	6,394	45	0.1	44.5	12.0	36.6	37.3	44.1
Nevada.....	81,875	177	2,257	49	11,887	47	3,521	49	(*)	181.4	59.1	283.9	145.5	145.1
New Mexico.....	327,301	313	4,143	45	7,898	48	4,637	47	0.1	19.1	39.7	38.4	40.5	68.3
Wyoming.....	145,965	268	2,867	47	6,249	49	3,641	48	(*)	56.3	-11.0	77.4	7.8	17.1

<sup>1</sup> Per cent of increase is based on figures in Table 111. A minus sign (-) denotes decrease.

<sup>2</sup> Less than one-tenth of 1 per cent.

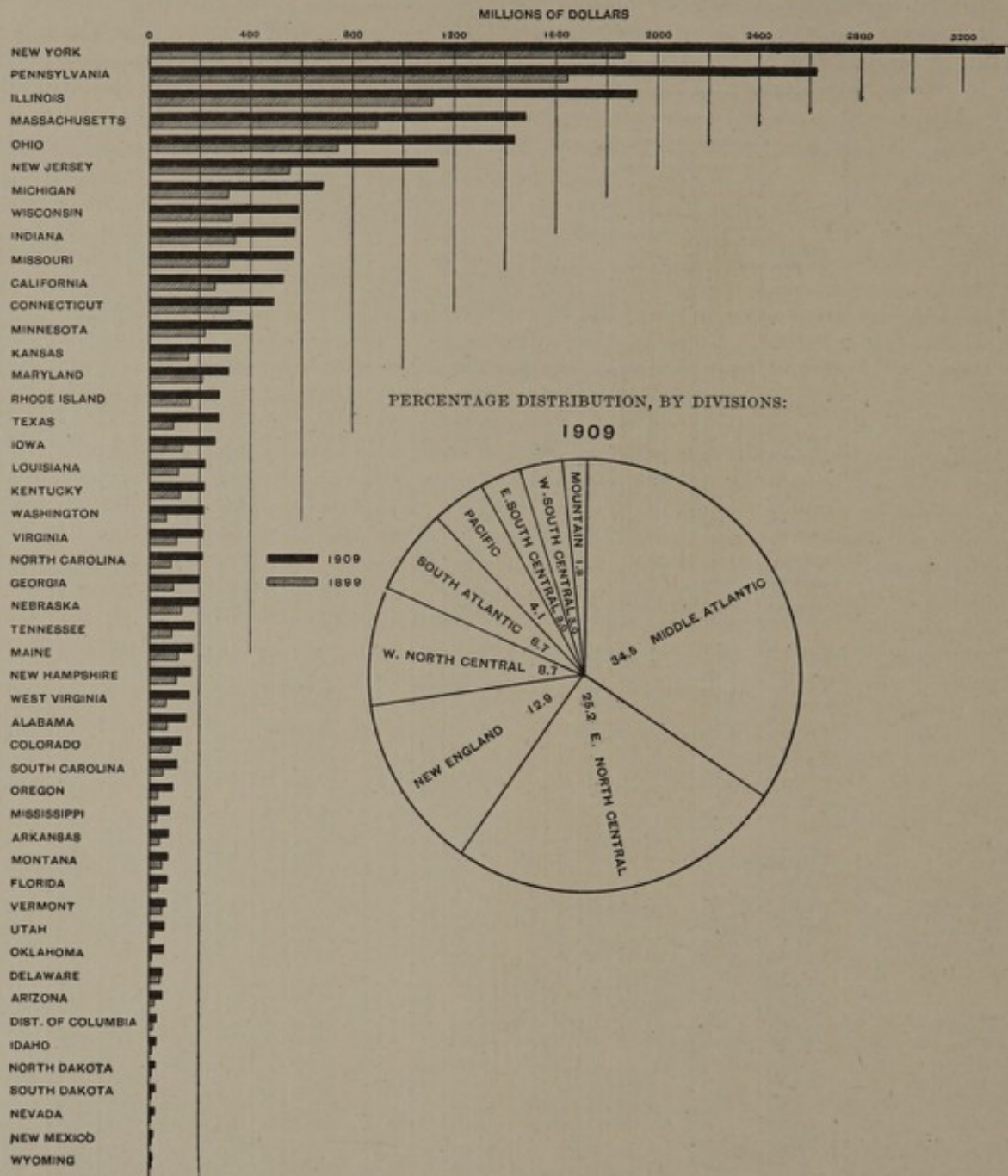
Table 6, on page 448, presents similar data for the nine grand geographic divisions of the United States, arranged in the order of their rank in value of products. The states included in each division are shown in Table 111.

The three Middle Atlantic states—New York, New Jersey, and Pennsylvania—together reported more than one-third of the total value of manufactured products

for the country; the East North Central states, about one-fourth; and the New England states, somewhat over one-eighth. These three divisions together contributed 72.6 per cent of the total value of manufactured products in 1909; they showed, however, somewhat lower percentages of increase during the past decade than the other divisions, in which manufacturing is of more recent development.



## VALUE OF PRODUCTS OF MANUFACTURES, BY STATES: 1909 AND 1899.





AVERAGE NUMBER OF WAGE EARNERS, BY STATES: 1909 AND 1899.

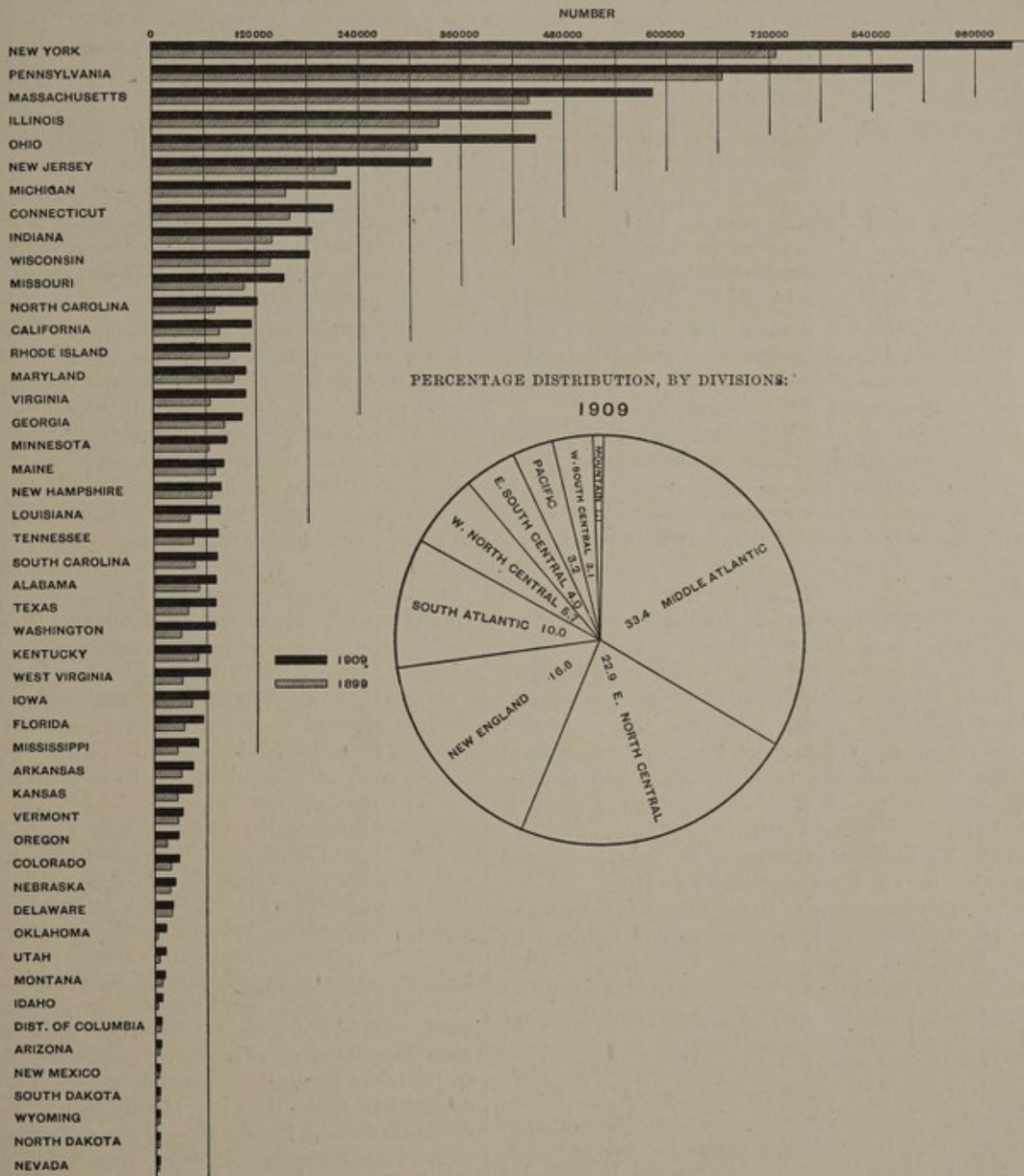




Table 6

DIVISION.	Population.	Number of establishments.	WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.			PER CENT OF INCREASE.					
			Average number.	Rank.	Per cent distribution.	Amount (expressed in thousands).	Rank.	Per cent distribution.	Amount (expressed in thousands).	Rank.	Per cent distribution.	Wage earners (average number).		Value of products.		Value added by manufacture.	
												1904-1909	1899-1904	1904-1909	1899-1904	1904-1909	1899-1904
United States .....	91,972,266	268,491	6,615,046	....	100.0	\$30,672,052	....	100.0	\$8,529,261	....	100.0	21.0	16.0	39.7	29.7	35.5	30.3
Middle Atlantic.....	19,315,892	81,315	2,207,747	1	33.4	7,141,761	1	34.5	2,982,263	1	35.0	17.0	17.6	36.9	28.1	32.2	28.0
East North Central.....	18,250,621	60,013	1,513,764	2	22.9	5,211,702	2	25.2	2,177,230	2	25.5	23.6	14.1	44.6	26.4	39.6	29.4
New England.....	6,552,681	25,351	1,101,290	3	16.6	2,670,065	3	12.9	1,193,768	3	14.0	17.1	10.4	31.8	22.0	31.2	20.3
West North Central.....	11,637,921	27,171	374,337	5	5.7	1,803,899	4	8.7	502,044	5	6.6	19.8	17.4	40.4	32.0	33.0	29.8
South Atlantic.....	12,194,895	28,088	663,015	4	10.0	1,381,186	5	6.7	591,181	4	6.9	26.9	14.0	41.8	36.8	39.5	34.1
Pacific.....	4,192,304	13,579	213,166	7	3.2	843,512	6	4.1	349,834	6	4.1	29.9	33.2	52.9	51.2	46.3	69.7
East South Central.....	8,409,901	15,381	261,772	6	4.0	630,488	7	3.0	294,325	7	3.4	18.3	24.8	35.8	42.8	38.7	42.8
West South Central.....	8,784,534	12,339	204,520	8	3.1	625,443	8	3.0	243,312	8	2.9	42.6	26.5	50.6	64.6	44.5	70.4
Mountain.....	2,633,517	5,254	75,435	9	1.1	363,996	9	1.8	135,304	9	1.6	42.9	18.6	42.9	32.8	32.8	33.6

Summary for 50 leading cities: 1909.—Table 7 presents, for the 50 cities which stand highest in value of manufactured products, arranged in order of rank, data similar to those presented for the geographic divisions in Table 6. It should be particularly noted in considering this table that the figures relate only to the manufacturing establishments situated actually within the boundaries of the several cities.

In the case of practically every city listed there are important manufacturing establishments in the immediate vicinity, and in the case of several of the cities such outside establishments, which virtually constitute a part of the city's industrial interests, have a greater value of products than those within the city itself. The most notable instances of this character are Pittsburgh and Boston, which would rank decidedly higher in a table based on metropolitan or industrial districts than they do in the table for cities proper. While the population of Pittsburgh proper is 533,905, the population of the metropolitan district of Pittsburgh, as defined by the Census Bureau, is 1,042,855. Similarly, the population of the Boston metropolitan district is 1,520,470, as compared with 670,585 for the city proper. Further details regarding the manufactures of the 25 leading cities are given in Table 112.

The rank of the cities of the country with respect to manufactures is in many cases decidedly different from their rank in population. Thus Boston ranks fifth in population, but eighth in value of manufactured products; Baltimore, seventh in population, but thirteenth in value of manufactured products; and Los Angeles, sixteenth in population, but thirty-second in value of products. Kansas City, Kans., on the other hand, by reason of the large slaughtering establishments there, ranks fifteenth in value of manufactured products, but is not among the 50 principal cities from the standpoint of population. Of the 50 cities in the United States which have over 100,000 inhabitants, 14 are not included among the 50 cities having the largest value of manufactures.

In the case of some of the cities listed in the table, the rank with respect to the number of wage earners and the value added by manufacture is very different from that with respect to the gross value of products, these differences being dependent upon the character of the predominating industries. It is noteworthy, however, that the 13 cities which rank highest in gross value of products are also the 13 which occupy the highest rank with respect to wage earners and value added by manufacture, although considered individually these cities do not in all cases hold the same rank in each of the three respects. Conspicuous instances of cities having higher rank in gross value of products than in number of wage earners or value added by manufacture are Kansas City, Kans., South Omaha, Youngstown, Bayonne, and Perth Amboy. On the other hand, cities which lead in the manufacture of textiles, such as Lawrence, Fall River, Lowell, New Bedford, and Paterson, have a decidedly higher rank with respect to number of wage earners than with respect to either value of products or value added by manufacture.

For every city listed in the table a greater gross value of products and, with the exception of Omaha, a greater value added by manufacture were reported in 1909 than in 1899. Only two cities—San Francisco and New Orleans—showed a loss in gross value in 1909 as compared with 1904, and only San Francisco a loss in value added by manufacture. Between 1899 and 1904, however, decreases in gross value of manufactures occurred in four cities. In number of wage earners, Pittsburgh, San Francisco, South Omaha, and Peoria showed a decline in 1909 as compared with 1899; several other cities showed decreases from 1899 to 1904, but these were more than made up during the second half of the decade. It may be noted that the statistics for the Pittsburgh industrial district, which is more comprehensive than the city, would show decided gains and that the decrease in the manufacturing industries in San Francisco is the natural result of the great earthquake and fire.

Of the cities reporting products of \$200,000,000 or more, Detroit showed the greatest percentage



of increase in all of the items under consideration and Cleveland the next greatest, with the exception of the number of wage earners, in which it was exceeded by Milwaukee. Among the smaller manufacturing cities included in the table, those showing conspicuous

increases are Akron, Perth Amboy, Los Angeles, and Seattle.

In the case of most of the cities higher rates of increase in all three items are shown for the period 1904 to 1909 than for the period 1899 to 1904.

Table 7

CITY.	Population.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. <sup>1</sup>					
			Average number.	Rank.	Amount (expressed in thousands).	Rank.	Amount (expressed in thousands).	Rank.	Wage earners (average number).		Value of products.		Value added by manufacture.	
									1904-1909	1899-1904	1904-1909	1899-1904	1904-1909	1899-1904
New York, N. Y.	4,766,883	25,938	554,002	1	\$2,029,693	1	\$937,538	1	19.2	19.6	33.0	30.2	32.3	31.5
Chicago, Ill.	2,185,283	9,656	293,977	2	1,281,171	2	487,701	2	21.5	9.4	34.1	19.7	33.6	23.5
Philadelphia, Pa.	1,549,008	8,379	251,884	3	746,076	3	316,984	3	10.0	6.6	26.2	13.7	22.8	14.8
St. Louis, Mo.	687,029	2,667	87,371	4	328,495	4	140,306	4	5.6	27.6	22.9	38.0	8.3	41.0
Cleveland, Ohio.	560,663	2,148	84,728	5	271,961	5	117,046	6	32.3	15.7	58.2	23.4	57.4	18.2
Detroit, Mich.	465,766	2,036	81,011	6	252,992	6	122,774	5	67.1	26.3	97.3	45.1	99.1	49.1
Pittsburgh, Pa.	533,905	1,659	67,474	9	243,454	7	94,927	8	-5.8	-0.2	15.2	-3.2	9.5	-3.4
Boston, Mass.	679,585	3,155	69,637	8	237,457	8	112,880	7	17.7	11.9	28.8	13.3	25.8	11.5
Buffalo, N. Y.	423,715	1,753	51,412	13	218,804	9	82,266	12	18.0	27.1	48.5	39.5	39.4	48.7
Milwaukee, Wis.	373,857	1,764	59,502	12	208,324	10	87,703	10	37.2	5.2	51.0	24.5	31.1	30.8
Newark, N. J.	347,469	1,858	59,955	11	202,511	11	87,832	11	18.3	18.2	35.0	33.1	26.6	33.5
Cincinnati, Ohio.	363,591	2,184	60,192	10	194,516	12	92,584	9	2.7	6.6	17.1	17.2	11.8	17.8
Baltimore, Md.	558,485	2,502	71,444	7	186,978	13	79,954	13	9.8	-2.3	24.5	11.1	14.9	16.2
Minneapolis, Minn.	301,408	1,102	26,962	25	165,405	14	45,412	18	24.4	10.5	36.5	28.3	40.7	26.6
Kansas City, Kans.	82,331	165	12,294	42	164,081	15	19,691	44	16.8	11.0	70.1	20.6	56.4	12.9
San Francisco, Cal.	416,912	1,796	28,244	21	133,041	16	56,824	15	-26.5	18.0	-3.4	28.7	-8.1	49.1
Jersey City, N. J.	267,779	745	25,454	28	128,775	17	39,458	21	25.1	17.0	70.0	3.9	46.5	18.9
Indianapolis, Ind.	233,650	855	31,815	19	126,522	18	42,371	20	19.0	27.4	53.9	38.6	39.1	44.8
Providence, R. I.	224,326	1,080	46,381	14	120,241	19	55,471	16	16.5	3.7	30.7	16.9	32.0	16.3
Rochester, N. Y.	218,149	1,203	39,108	15	112,676	20	62,002	14	23.1	13.3	38.9	35.9	43.6	37.4
Louisville, Ky.	223,928	903	27,023	24	101,284	21	47,156	17	8.2	8.3	21.7	25.9	25.7	20.1
South Omaha, Nebr.	26,259	71	6,306	48	92,436	22	14,763	48	11.4	-10.5	37.1	-3.0	79.6	-3.2
Youngstown, Ohio.	79,066	115	10,498	45	81,271	23	18,979	45	29.7	-6.7	73.5	38.2	62.6	8.3
Lawrence, Mass.	85,892	162	30,542	20	79,993	24	34,555	23	39.4	4.8	66.5	15.1	85.6	10.2
New Orleans, La.	339,075	848	17,186	37	78,794	25	30,062	28	-1.6	7.9	-3.2	41.7	33.1	32.4
Worcester, Mass.	145,986	580	28,221	22	77,148	26	34,547	25	23.8	0.9	47.9	11.4	37.5	7.8
Bayonne, N. J.	55,545	97	7,519	47	73,641	27	14,709	49	6.5	51.1	21.5	57.1	7.8	184.0
Akron, Ohio.	69,067	246	15,831	39	73,158	28	30,087	27	64.5	16.6	118.0	52.4	128.8	41.4
Perth Amboy, N. J.	32,121	80	5,866	50	73,093	29	9,161	50	48.5	97.0	110.0	147.5	104.3	65.2
Lynn, Mass.	89,336	431	27,368	23	71,503	30	30,142	26	27.1	31.5	30.0	39.8	34.6	50.5
Paterson, N. J.	125,600	702	32,004	18	69,584	31	34,856	22	12.3	-0.1	27.3	12.7	28.0	16.1
Los Angeles, Cal.	319,198	1,325	17,327	36	68,586	32	29,673	29	66.2	101.5	97.0	130.0	84.0	128.9
Bridgeport, Conn.	102,054	367	25,775	27	65,609	33	27,662	32	32.2	14.4	47.2	32.9	24.3	36.9
Fall River, Mass.	119,295	288	37,139	16	64,146	34	28,622	31	38.4	-12.4	47.6	11.2	64.7	-17.4
Peoria, Ill.	66,950	283	5,981	49	63,061	35	45,288	19	2.5	-2.7	4.4	35.6	1.6	41.2
Toledo, Ohio.	168,497	760	18,878	34	61,230	36	27,146	35	20.3	23.1	37.6	39.2	42.6	51.3
Omaha, Nebr.	124,096	432	8,023	46	60,854	37	17,439	46	37.8	10.3	12.7	41.8	57.0	-38.8
Dayton, Ohio.	116,577	513	21,549	31	60,378	38	32,850	24	26.1	18.6	52.5	27.7	55.7	26.4
Lowell, Mass.	106,294	320	32,575	17	60,271	39	27,440	34	11.2	0.2	28.6	13.8	37.4	-4.6
Yonkers, N. Y.	79,803	158	12,711	41	59,334	40	16,132	47	30.0	29.4	76.9	93.9	57.9	31.7
St. Paul, Minn.	214,744	719	19,339	33	58,990	41	28,690	30	34.6	10.3	53.9	27.5	52.4	33.1
Kansas City, Mo.	248,381	902	14,643	40	54,704	42	23,742	38	32.6	13.8	53.8	50.8	47.9	45.1
New Bedford, Mass.	96,652	207	26,566	26	53,238	43	24,674	37	48.8	17.0	80.7	26.0	84.4	15.2
Denver, Colo.	213,381	766	12,058	43	51,538	44	20,611	43	24.7	13.8	40.6	-3.3	31.6	16.6
Reading, Pa.	96,071	482	24,145	29	51,135	45	21,287	42	33.7	6.9	67.7	-6.7	54.5	-12.1
New Haven, Conn.	133,605	590	23,547	30	51,071	46	25,752	36	9.8	21.8	28.8	13.7	26.5	12.7
Seattle, Wash.	237,194	751	11,331	44	50,569	47	21,884	39	77.3	43.9	99.0	65.8	98.1	71.0
Waterbury, Conn.	73,141	169	20,170	32	50,350	48	21,624	41	30.9	16.5	55.6	6.7	48.1	20.4
Syracuse, N. Y.	137,249	738	18,148	35	49,435	49	27,659	33	24.7	23.2	42.5	30.7	48.7	32.9
Camden, N. J.	94,538	365	16,527	38	49,138	50	21,754	40	30.5	63.5	46.3	86.9	65.3	74.9

<sup>1</sup> Per cent of increase is based on figures in Table 113. A minus sign (-) denotes decrease.

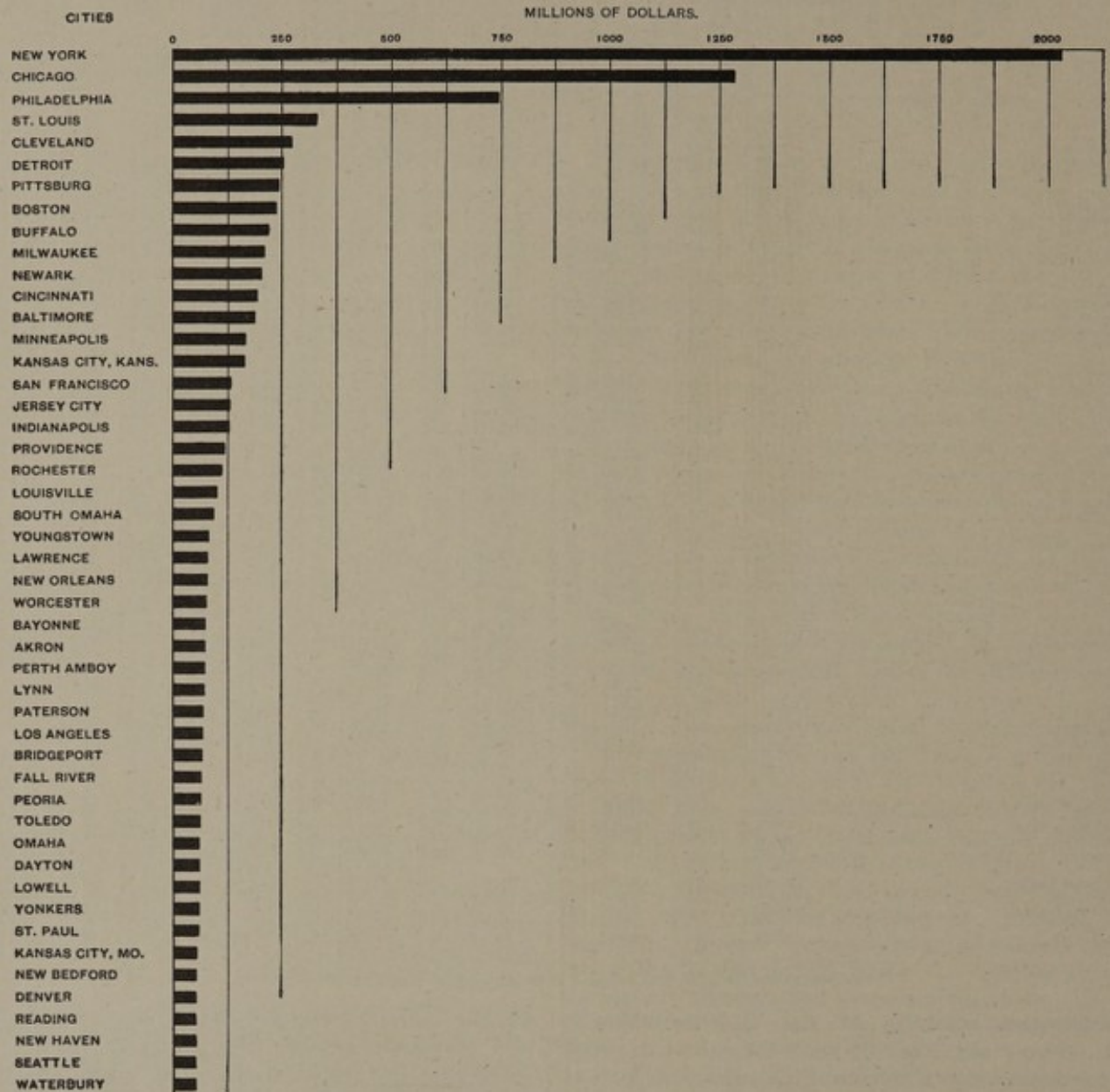
**Distribution according to size of communities.**—It is a matter of interest to know the extent to which the manufacturing enterprises of the country are located in the larger cities as compared with the smaller cities and rural districts. Some indication of this is given in Table 8, on page 451, which distributes the total number of establishments, average number of wage earners, value of products, and value added by manufacture reported in 1909 and 1899 by classes of places, the classes distinguished being cities of 100,000 inhabitants or over, cities of 25,000 to 100,000 inhabitants, cities of 10,000 to 25,000 inhabitants, and the remainder of the country, the latter including the

smaller cities, towns, and other incorporated places and the rural districts. The aggregate population of each group in 1910 and 1900 is also given. Statistics for 1904 are not given because there was no Federal census of population for that year, and it is impossible to determine with accuracy what cities belonged to each group.

In considering this table it should be noted that each place is classed at each census according to its population at that census, so that the same community may be in one class in 1900 and in another class in 1910; and consequently the change in the totals for any given class of communities from 1899 to 1909 should not be



## VALUE OF PRODUCTS FOR PRINCIPAL CITIES: 1909.





taken as measuring the increase in manufacturing business in the same communities. The significant figures are the percentages of the totals reported by each class of places at the two censuses. It should be noted further that the statistics of manufactures shown for any given community are those reported from establishments lying strictly within the municipal

boundaries. Since in many cases large manufacturing establishments are located just outside of city boundaries, the proportion of the manufacturing business of the country as a whole which, in a sense, can be properly credited to places of 10,000 or more inhabitants is somewhat greater than can be shown by the statistics in this table.

Table 8	Year.	Aggregate.	CITIES AND TOWNS HAVING A POPULATION OF 10,000 AND OVER.								DISTRICTS OUTSIDE OF CITIES AND TOWNS HAVING A POPULATION OF 10,000 AND OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.			
			Number or amount.	Per cent dis- tri- bu- tion.	Number or amount.	Per cent dis- tri- bu- tion.	Number or amount.	Per cent dis- tri- bu- tion.	Number or amount.	Per cent dis- tri- bu- tion.	Number or amount.	Per cent dis- tri- bu- tion.
Number of cities.....	1910 1900		593 436		365 277		178 122		50 37			
Population.....	1910 1900	91,972,266 75,994,575	34,002,692 24,052,670	37.0 31.7	5,495,594 4,297,118	6.0 5.7	8,204,960 5,547,205	8.9 7.3	20,302,138 14,208,347	22.1 18.7	57,969,574 51,941,905	63.0 68.3
Number of establishments.....	1909 1899	268,491 207,514	135,772 102,918	50.6 49.6	18,936 15,463	7.1 7.5	27,061 20,147	10.1 9.7	89,775 67,308	33.4 32.4	132,719 104,596	49.4 50.4
Average number of wage earners.	1909 1899	6,615,046 4,712,763	4,316,642 3,044,439	65.3 64.6	678,467 524,900	10.3 11.1	1,126,253 767,293	17.0 16.3	2,511,922 1,752,246	38.0 37.2	2,298,404 1,668,324	34.7 35.4
Value of products.....	1909 1899	\$20,672,051,870 11,406,926,701	\$14,264,878,807 7,864,564,177	69.0 68.9	\$1,946,703,215 1,052,639,594	9.4 9.2	\$3,582,403,574 1,843,124,795	17.3 16.1	\$8,735,772,018 4,968,799,788	42.3 43.6	\$6,407,173,063 3,542,362,524	31.0 31.1
Value added by manufacture..	1909 1899	8,529,260,992 4,831,075,210	6,003,005,285 3,377,477,927	70.4 69.9	801,766,297 458,679,363	9.4 9.5	1,431,652,146 773,117,708	16.8 16.0	3,769,586,842 2,145,680,856	44.2 44.4	2,526,255,707 1,453,597,283	29.6 30.1

In 1909 places of more than 10,000 inhabitants, although they included only 37 per cent of the total population of the country, contained a little over one-half of the total number of manufacturing establishments in the country. These establishments employed nearly two-thirds of the wage earners employed in manufactures (65.3 per cent), and reported more than two-thirds of the total value of products and of the value added by manufacture, the actual percentages being 69 and 70.4, respectively.

It is noteworthy, however, that, whereas communities of this size contained a materially larger proportion of the population of the country in 1910 than they did in 1900—37 per cent as against 31.7 per cent—there was only a very slight increase in their proportion of the total number of manufacturing establishments and of wage earners, and of the total value added by manufacture, and practically no change in their proportion of the total value of products. In other words, while these communities, considered as a

group, have perhaps a little more than held their own in relative importance in manufacturing industry, they have not gained in this respect commensurately with their gain in population. The foregoing statement regarding this group as a whole holds true likewise for the class of cities having from 25,000 to 100,000 inhabitants and for the class having 100,000 or more inhabitants, except that for the latter group there was a slight decrease in the proportion of the value of products and value added by manufacture. On the other hand, the class of communities having from 10,000 to 25,000 inhabitants reported a slight increase in its proportion of the total population in 1910 as compared with 1900, and a slightly larger proportion of the total value of products in 1909 than in 1899, although in respect to number of establishments, average number of wage earners, and value added by manufacture, the proportion for such communities was slightly lower in the later year than in the earlier.

#### PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.

**Definitions and explanations.**—Attention is called to certain differences between the census of 1909 and previous censuses in respect to the manner of collecting and presenting statistics of persons engaged in manufacturing industries.

At the censuses of 1899, 1904, and 1909 the following general classes of persons engaged in manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks, and (5)

wage earners. In the reports for the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. The second group included the three classes of salaried officers of corporations, superintendents and managers, and clerks. In certain tables relating exclusively to the present census a somewhat different grouping is employed—that into (1) proprietors and officials, (2) clerks, and (3) wage earners. The first



group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers. In comparative tables covering the censuses of 1899 and 1904 it is of course necessary to group the figures for 1909 according to the same classification that was employed in the earlier censuses.

At this census the number of persons engaged in the industries, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for December 15, or the nearest representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where conditions were exceptional, and particularly in the case of certain seasonal industries, such as canning, the December date could not be accepted as typical and an earlier date had to be chosen.

In the case of employees other than wage earners the number thus reported on December 15 or other representative day has been treated as equivalent to the average for the year, since the number of employees of this class does not vary much from month to month in a given industry. In the case of wage earners the average is obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on December 15 or other representative day, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported each month by 12. The average thus obtained represents the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, the importance of any industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given in certain tables for each separate industry, is not totaled for all industries combined, because in view of the variations of date such a total is believed not to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation.

In particular, totals by sex and age for the wage earners reported for the representative day for all industries combined would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially

different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by sex and age of the wage earners in each industry for December 15 or the nearest representative day has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry, to determine the average number of men, women, and children employed. These calculated averages for the several industries have been added up to give the average distribution for each state as a whole and for the entire country.

In 1899 and 1904 the schedule called for the average number of wage earners of each sex 16 years and over, and the average number under 16 years of age without distinction of sex, for each month, and these monthly statements were combined in an annual average. Comparatively few manufacturing concerns, however, keep their books in such way as to show readily the number of men, women, and children employed on the average each month. These monthly returns by sex and age were, in fact, largely estimates. It was believed that a more accurate and reliable sex and age distribution could be secured by taking as a basis of estimate the actual numbers employed on a single day.

**Summary for United States: 1909.**—The following table shows, for 1909, the distribution of the persons engaged in manufacturing, each class being distributed by sex, and the average number of wage earners by age also:

CLASS.	PERSONS ENGAGED IN MANUFACTURES.		
	Total.	Male.	Female.
<b>All classes.....</b>	<b>7,678,578</b>	<b>6,162,263</b>	<b>1,516,315</b>
Proprietors and officials.....	487,173	472,914	14,259
Proprietors and firm members.....	273,265	263,673	9,592
Salaried officers of corporations.....	80,735	78,937	1,798
Superintendents and managers.....	133,173	130,304	2,869
Clerks.....	576,359	437,056	139,303
Wage earners (average number).....	6,615,046	5,252,293	1,362,753
16 years of age and over.....	6,453,553	5,163,164	1,290,389
Under 16 years of age.....	161,493	89,129	72,364

The average number of persons engaged in manufacturing industries during 1909 was 7,678,578. Of these, 6,615,046, or 86.1 per cent, were wage earners; 487,173, or 6.3 per cent, proprietors and officials; and 576,359, or 7.5 per cent, clerks. Of the wage earners, 5,163,164 were males 16 years of age and over; 1,290,389 females 16 years of age and over; and 161,493 children under the age of 16.

Statistics of employees for the last three censuses are given for individual industries in Table 110, and for each state and geographic division in Table 111.



Occupational status by leading industries: 1909.—The following table shows for the 43 leading industries the number of proprietors, officers of corporations, superintendents and managers, clerks, and wage earners,

respectively, and the percentage which the persons included in each of the principal groups represent of the total number employed. The figures for wage earners represent the average number for the year.

Table 10

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.									
	Total number.	Proprietors and officials.				Clerks.	Wage earners (average number).	Per cent of total.		
		Total.	Proprietors and firm members.	Salaried officials of corporations.	Superintendents and managers.			Proprietors and officials.	Clerks.	Wage earners (average number).
<b>All industries.....</b>	<b>7,678,578</b>	<b>487,173</b>	<b>273,265</b>	<b>80,735</b>	<b>133,173</b>	<b>576,359</b>	<b>6,615,046</b>	<b>6.3</b>	<b>7.5</b>	<b>86.1</b>
Agricultural implements.....	60,229	2,489	465	569	1,455	7,189	50,551	4.1	11.9	83.9
Automobiles, including bodies and parts.....	85,359	2,564	406	758	1,401	7,074	75,721	3.0	8.3	88.7
Boots and shoes, including cut stock and findings.....	215,923	5,752	1,838	1,027	2,887	11,874	198,297	2.7	5.5	91.8
Brass and bronze products.....	45,441	2,169	828	584	748	2,663	40,618	4.8	5.9	89.4
Bread and other bakery products.....	144,322	29,136	26,982	801	1,353	14,970	100,216	20.2	10.4	69.4
Butter, cheese, and condensed milk.....	31,506	10,480	8,019	1,032	1,429	2,595	18,431	33.3	8.2	58.5
Canning and preserving.....	71,972	6,920	4,244	968	1,708	5,084	59,968	9.6	7.1	83.3
Carriages and wagons and materials.....	82,944	8,844	6,213	1,166	1,465	4,172	69,928	10.7	5.0	84.3
Cars and general shop construction and repairs by steam-railroad companies.....	301,273	6,974	2	1,877	5,065	12,125	282,174	2.3	4.0	93.7
Cars, steam-railroad, not including operations of railroad companies.....	47,094	1,041	7	241	793	2,967	43,086	2.2	6.3	91.5
Chemicals.....	27,791	1,086	154	367	565	2,991	23,714	3.9	10.8	85.3
Clothing, men's, including shirts.....	271,437	12,041	8,502	1,089	2,450	19,700	239,696	4.4	7.3	88.3
Clothing, women's.....	179,021	9,281	6,482	842	1,957	15,997	153,743	5.2	8.9	85.9
Confectionery.....	54,854	3,362	1,832	766	764	6,854	44,638	6.1	12.5	81.4
Copper, tin, and sheet-iron products.....	86,934	7,269	4,423	1,288	1,558	6,050	73,615	8.4	7.0	84.7
Cotton goods, including cotton small wares.....	387,771	4,461	377	1,726	2,358	4,430	378,880	1.2	1.1	97.7
Electrical machinery, apparatus, and supplies.....	105,600	4,121	439	997	2,685	14,223	87,256	3.9	13.5	82.6
Flour-mill and gristmill products.....	66,054	18,763	14,570	1,486	2,707	7,838	39,453	28.4	11.9	59.7
Foundry and machine-shop products.....	615,485	31,605	9,851	9,348	12,406	52,869	531,011	5.1	8.6	86.3
Furniture and refrigerators.....	144,140	7,281	2,657	2,170	2,454	8,407	128,452	5.1	5.8	89.1
Gas, illuminating and heating.....	51,007	2,986	277	990	1,719	10,806	37,215	5.9	21.2	73.0
Hosiery and knit goods.....	136,130	3,308	1,134	799	1,375	3,547	129,275	2.4	2.6	95.0
Iron and steel, blast furnaces.....	43,061	1,119	48	262	809	3,513	38,429	2.6	8.2	89.2
Iron and steel, steel works and rolling mills.....	260,762	4,286	47	779	3,460	16,400	240,076	1.6	6.3	92.1
Leather goods.....	43,525	4,209	2,552	760	897	4,409	34,907	9.7	10.1	80.2
Leather, tanned, curried, and finished.....	67,100	2,331	784	629	918	2,567	62,202	3.5	3.8	92.7
Liquors, distilled.....	8,328	1,111	563	217	331	787	6,430	13.3	9.4	77.2
Liquors, malt.....	66,725	4,362	639	1,819	1,904	7,784	54,579	6.5	11.7	81.8
Lumber and timber products.....	784,989	68,165	48,825	6,616	12,724	21,805	696,019	8.7	2.8	88.5
Marble and stone work.....	77,275	8,453	6,026	867	1,560	3,219	68,603	10.9	4.2	84.9
Oil, cottonseed, and cake.....	21,273	2,167	110	576	1,481	2,035	17,071	10.2	9.6	80.2
Paint and varnish.....	21,896	2,016	456	793	767	5,640	14,240	9.2	25.8	65.0
Paper and wood pulp.....	81,473	2,298	250	773	1,275	3,197	75,978	2.8	3.9	93.3
Patent medicines and compounds and druggists' preparations.....	41,101	5,647	2,802	1,427	1,418	12,559	22,895	13.7	30.6	55.7
Petroleum, refining.....	16,640	671	42	211	418	2,040	13,929	4.0	12.3	83.7
Printing and publishing.....	388,466	49,332	30,424	7,265	11,643	80,700	258,434	12.7	20.8	66.5
Silk and silk goods, including throwsters.....	105,238	2,236	664	480	1,092	3,965	99,037	2.1	3.8	94.1
Slaughtering and meat packing.....	108,716	3,514	1,659	731	1,124	15,474	89,728	3.2	14.2	82.5
Smelting and refining, copper.....	16,832	275	7	53	215	929	15,628	1.6	5.5	92.8
Smelting and refining, lead.....	8,059	132	.....	44	88	503	7,424	1.6	6.2	92.1
Sugar and molasses, not including beet sugar.....	15,658	789	204	140	445	1,343	13,526	5.0	8.6	86.4
Tobacco manufactures.....	197,637	21,012	17,634	809	2,569	9,815	166,810	10.6	5.0	84.4
Woolen, worsted, and felt goods, and wool hats.....	175,176	3,192	732	782	1,678	3,262	168,722	1.8	1.9	96.3
All other industries.....	1,916,361	117,932	59,096	23,811	35,025	149,988	1,648,441	6.2	7.8	86.0

The highest proportion of proprietors and officials shown for any individual industry covered by the table, 33.3 per cent, is for the butter, cheese, and condensed-milk industry. Many of the establishments in this industry are carried on by cooperative associations, and the practice in 1909, as at prior censuses, was not to include the members of such associations as proprietors in the totals, but to omit them altogether. From the information contained in the reports, it is impossible, in some instances, to distinguish such associations from partnerships, and the large number of proprietors and officials shown for this industry indicates the probability that the members of some associations were inadvertently included as partners. The high percentage of proprietors and

officials in the flour-mill and gristmill and the bakery industries is explained by the fact that the majority of the establishments are small and the work is to a large extent done by the proprietors or their immediate representatives, while in the large flour mills automatic machinery has reduced the amount of labor to a minimum.

A factor which has much to do with the proportion of clerks among the total number of employees in an industry is the method of marketing the product. Thus there are high percentages of clerks in the manufacture of patent medicines and compounds and druggists' preparations, and in the paint and varnish, illuminating-gas, and printing and publishing industries. In these industries the average num-



ber of customers or patrons for each establishment is large and this necessitates a large force of employees for soliciting trade, correspondence, accounting, and collection.

In general, though not in all cases, the larger the average size of establishments in an industry, the smaller is the proportion of proprietors, officials, and clerks, and the larger the proportion of wage earners. Thus the four textile industries—the cotton, woolen, hosiery and knit-goods, and silk-manufacturing industries—which are mainly conducted in large factories, show the largest proportions of wage earners. An unusually large proportion of wage earners is shown also for the paper and pulp mills, the steel works and rolling mills, the construction of steam-railroad cars, the smelting and refining of copper and lead, the tanning and finishing of leather, boots and shoes, and the repair shops of steam railroads.

**Comparison with previous censuses as to occupational status.**—In order to compare the distribution of persons engaged in manufacturing industries according to occupational status in 1909 with that shown at the census of 1904, it is necessary to use the classification employed at the earlier census. (See p. 451.) Such a comparison is made in the following table. Comparable figures for 1899 are not available.

CLASS.	PERSONS ENGAGED IN MANUFACTURES.				
	1909		1904		Per cent of increase, 1904-1909.
	Number.	Per cent distribution.	Number.	Per cent distribution.	
<b>Total</b> .....	<b>7,678,578</b>	<b>100.0</b>	<b>6,213,612</b>	<b>100.0</b>	<b>23.6</b>
Proprietors and firm members.....	273,265	3.6	225,673	3.6	21.1
Salaried employees.....	790,267	10.3	519,556	8.4	52.1
Wage earners (average number).....	6,615,046	86.1	5,468,383	88.0	21.0

A greater percentage of increase is shown for salaried employees than for the other two classes. This is due in part to the changes from individual and firm ownership to corporate organization, a change which frequently involves the transfer of proprietors and firm members to the class of officials. At the same time there is no doubt that the number of clerks here classified with the other salaried employees has increased relatively faster than the number of wage earners. This may indicate an increase of the practice on the part of the manufacturers of direct sale of

goods without the interposition of so many middlemen as formerly handled the product.

**Sex and age distribution, by leading industries: 1909.**—Table 12, on the opposite page, shows, for the 43 leading industries, the number and per cent distribution, by age and sex, of wage earners as reported for December 15, or the nearest representative day. As a means of judging the true importance of the several industries as employers of labor, the average number employed for the entire year is also given in each case, this number, in the case of seasonal industries, being much smaller than the number on the representative day. The per cent distribution for all industries combined, based on the average number employed as shown in Table 9, is also presented.

In all industries combined 78 per cent of the average number of wage earners were males 16 years of age or over, 19.5 per cent females 16 years of age or over, and 2.5 per cent children under the age of 16.

The industries for which the largest proportions of males 16 years of age or over are shown are those in which the work is of a nature requiring much physical strength or a high degree of skill. Thus in the smelting and refining of both copper and lead males 16 years of age or over constitute 99.9 per cent of the total number of wage earners, and in the blast furnaces they constitute 99.8 per cent. Other industries in which males of 16 years or over represent more than 99 per cent of the wage earners are the gas industry, construction of steam-railroad cars, steel works and rolling mills, marble and stone work, the repair shops of steam railroads, and the manufacture of cotton-seed oil.

The proportion of women and children, naturally, is larger in those industries in which the processes require dexterity rather than strength. In six of the industries covered by Table 12—the making of men's and women's clothing, the confectionery industry, and the manufacture of hosiery and knit goods, of patent medicines and compounds and druggists' preparations, and of silk and silk goods—more than half of the wage earners are females 16 years of age or over.

The proportion of wage earners under 16 years is larger in three of the textile industries—the cotton goods, silk and silk goods, and hosiery and knit-goods industries—than in any other of the principal industries of the country. The proportion is also relatively high in the canning and preserving, confectionery, and woolen-goods industries.



Table 12

INDUSTRY.	Average number.	WAGE EARNERS.						
		Number Dec. 15, or nearest representative day.				Per cent of total.		
		Total.	16 years of age and over.		Under 16 years of age.	16 years of age and over.		Under 16 years of age.
			Male.	Female.		Male.	Female.	
<b>All industries.....</b>	<b>6,615,046</b>	<b>(<sup>1</sup>)</b>	<b>(<sup>1</sup>)</b>	<b>(<sup>1</sup>)</b>	<b>(<sup>1</sup>)</b>	<b>78.0</b>	<b>19.5</b>	<b>2.5</b>
Agricultural implements.....	50,551	55,429	54,529	674	226	98.4	1.2	0.4
Automobiles, including bodies and parts.....	75,721	97,250	96,060	982	208	98.8	1.0	0.2
Boots and shoes, including cut stock and findings.....	198,297	211,507	132,411	70,457	8,639	62.6	33.3	4.1
Brass and bronze products.....	40,618	46,210	42,908	2,774	548	92.8	6.0	1.2
Bread and other bakery products.....	100,216	104,443	84,956	17,407	2,080	81.3	16.7	2.0
Butter, cheese, and condensed milk.....	18,431	19,323	17,743	1,468	112	91.8	7.6	0.1
Canning and preserving.....	59,968	155,847	67,219	77,593	11,035	43.1	49.8	7.6
Carriages and wagons and materials.....	69,928	72,783	71,104	1,126	553	97.7	1.5	0.8
Cars and general shop construction and repairs by steam-railroad companies.....	282,174	302,080	301,431	455	194	99.8	0.2	0.1
Cars, steam-railroad, not including operations of railroad companies.....	43,086	58,274	58,046	190	38	99.6	0.3	0.1
Chemicals.....	23,714	25,341	24,102	1,061	178	95.1	4.2	0.7
Clothing, men's, including shirts.....	239,696	257,128	109,139	142,781	5,208	42.4	55.5	2.0
Clothing, women's.....	153,743	162,859	58,316	103,063	1,480	35.8	63.3	0.9
Confectionery.....	44,638	52,421	18,836	30,453	3,132	35.9	58.1	6.0
Copper, tin, and sheet-iron products.....	73,615	78,909	66,797	9,716	2,396	84.6	12.3	3.0
Cotton goods, including cotton small wares.....	378,880	387,698	197,420	150,057	40,221	50.9	38.7	10.4
Electrical machinery, apparatus, and supplies.....	87,256	102,950	78,005	23,398	947	76.4	22.7	0.9
Flour-mill and gristmill products.....	39,453	42,405	41,787	565	143	98.3	1.3	0.3
Foundry and machine-shop products.....	531,011	604,167	587,636	11,895	4,636	97.3	2.0	0.8
Furniture and refrigerators.....	128,452	138,829	132,176	3,677	2,976	95.2	2.6	2.1
Gas, illuminating and heating.....	37,215	37,396	37,308	71	17	99.8	0.2	( <sup>2</sup> )
Hosiery and knit goods.....	129,275	136,713	37,419	88,183	11,111	27.4	64.5	8.1
Iron and steel, blast furnaces.....	38,429	47,278	47,184	10	84	99.8	( <sup>2</sup> )	0.2
Iron and steel, steel works and rolling mills.....	240,076	284,264	281,801	1,114	1,349	99.1	0.4	0.5
Leather goods.....	34,907	36,502	29,868	5,738	896	81.8	15.7	2.5
Leather, tanned, curried, and finished.....	62,202	66,717	64,005	2,230	482	95.9	3.3	0.7
Liquors, distilled.....	6,430	8,130	7,008	1,111	11	86.2	13.7	0.1
Liquors, malt.....	54,579	54,135	52,865	1,040	230	97.7	1.9	0.4
Lumber and timber products.....	695,019	838,160	826,978	4,027	7,155	98.7	0.5	0.9
Marble and stone work.....	65,603	67,921	67,575	112	234	99.5	0.2	0.3
Oil, cottonseed, and cake.....	17,071	29,691	29,551	49	91	99.5	0.2	0.3
Paint and varnish.....	14,240	14,426	13,207	1,137	82	91.5	7.9	0.6
Paper and wood pulp.....	75,978	78,672	68,497	9,909	266	87.1	12.6	0.3
Patent medicines and compounds and druggists' preparations.....	22,895	24,683	11,503	12,672	508	46.6	51.3	2.1
Petroleum, refining.....	13,929	14,873	14,657	170	46	98.5	1.1	0.3
Printing and publishing.....	258,434	272,027	204,388	60,973	6,666	75.1	22.4	2.4
Silk and silk goods, including throwsters.....	99,037	102,369	35,785	58,441	8,143	35.0	57.1	8.0
Slaughtering and meat packing.....	80,728	94,854	88,352	5,960	542	93.1	6.3	0.6
Smelting and refining, copper.....	15,628	16,029	16,013	.....	16	99.9	.....	0.1
Smelting and refining, lead.....	7,424	8,002	8,001	1	.....	99.9	( <sup>2</sup> )	.....
Sugar and molasses, not including beet sugar.....	13,526	25,134	24,626	376	132	98.0	1.5	0.5
Tobacco manufactures.....	166,810	181,036	90,417	84,193	6,426	49.9	46.5	3.6
Woolen, worsted, and felt goods, and wool hats.....	168,722	175,171	92,820	72,409	9,942	53.0	41.3	5.7

<sup>1</sup> No totals given for reasons explained on page 452.<sup>2</sup> Less than one-tenth of 1 per cent.

In addition to the industries shown in the above table, which were selected according to their importance with respect to gross value of products, certain others are of interest because of the relatively large number of women and children employed. Table 13, on the following page, shows the sex and age distribution of wage earners in all industries not covered by the preceding table in which there were at least 5,000 women, or in which the women constituted over 40 per cent of the wage earners and numbered not less than 500.

The table shows that there are a large number of industries, some of considerable importance, in which women 16 years of age or over represent more than 40 per cent of the total number of wage earners. In the manufacture of corsets, of artificial flowers, feathers, and plumes, and of steel pens, more than 80 per cent

of the wage earners are women. Other industries in which female wage earners 16 years of age or over constitute over three-fourths of the total number employed are the manufacture of men's furnishing goods and of millinery and lace goods, and the grading, roasting, cleaning, and shelling of peanuts. Large numbers of women are also employed in several industries listed in this table in which, however, the proportion which these represent of the total number of wage earners is less than 40 per cent.

Of the industries shown in Table 13, those in which the proportion of children under 16 years of age exceeds 5 per cent are the manufacture of bags, other than paper; cigar boxes; fancy and paper boxes; horse clothing; cordage and twine; needles, pins, and hooks and eyes; lead pencils; stationery goods, not elsewhere specified; and the cork-cutting industry.



Table 13

INDUSTRY.	Average number.	WAGE EARNERS.						
		Number Dec. 15, or nearest representative day.				Per cent of total.		
		Total	16 years of age and over.		Under 16 years of age.	16 years and over.		Under 16 years of age.
			Male	Female.		Male.	Female.	
Artificial flowers and feathers and plumes.....	10,016	10,769	1,416	9,017	336	13.1	83.7	3.1
Awnings, tents, and sails.....	4,242	4,043	2,264	1,715	64	56.0	42.4	1.6
Bags, other than paper.....	7,968	8,437	2,870	4,794	773	34.0	56.8	9.2
Bags, paper.....	3,212	3,299	1,680	1,561	58	50.9	47.3	1.8
Baking powders and yeast.....	2,155	2,273	1,199	1,020	54	52.7	44.9	2.4
Boots and shoes, rubber.....	17,612	18,528	10,995	7,060	473	59.3	38.1	2.6
Boxes, cigar.....	6,115	6,554	2,914	3,260	380	44.5	49.7	5.8
Boxes, fancy and paper.....	39,514	43,239	14,198	25,061	3,080	32.8	60.0	7.1
Buttons.....	16,427	17,873	10,721	6,530	622	60.0	36.5	3.5
Carpets and rugs, other than rag.....	33,307	34,874	19,601	13,859	1,414	56.2	39.7	4.1
Clocks and watches, including cases and materials.....	23,857	25,574	15,775	9,262	537	61.7	36.2	2.1
Clothing, horse.....	1,648	1,789	580	1,047	162	32.4	58.5	9.1
Cordage and twine and jute and linen goods.....	25,820	26,941	13,019	12,083	1,839	48.3	44.8	6.8
Cork, cutting.....	3,142	3,239	1,756	1,310	173	54.2	40.4	5.3
Corsets.....	17,564	18,152	2,291	15,234	627	12.6	83.9	3.5
Dyeing and finishing textiles.....	44,046	45,841	36,486	8,269	1,086	79.6	18.0	2.4
Fireworks.....	1,403	1,380	756	564	60	54.8	40.9	4.3
Flags, banners, regalia, society badges, and emblems.....	3,572	3,552	1,267	2,192	93	35.7	61.7	2.6
Flavoring extracts.....	1,229	1,270	722	522	26	56.8	41.1	2.0
Food preparations.....	14,968	17,786	12,070	5,449	267	67.9	30.6	1.5
Fur goods.....	11,927	14,450	8,539	5,853	58	59.1	40.5	0.4
Furnishing goods, men's.....	38,482	41,970	9,153	31,926	891	21.8	76.1	2.1
Gloves and mittens, leather.....	11,354	12,188	5,202	6,697	289	42.7	54.9	2.4
Gold and silver, leaf and foil.....	1,383	1,417	612	756	49	43.2	53.4	3.5
Hair work.....	3,534	3,885	1,338	2,404	83	34.4	63.4	2.1
Hats, fur-felt.....	25,064	30,292	21,182	8,468	642	69.9	28.0	2.1
Hats, straw.....	8,814	10,328	3,512	6,641	175	34.0	64.3	1.7
House-furnishing goods, not elsewhere specified.....	4,997	5,371	2,713	2,570	88	50.5	47.8	1.6
Jewelry.....	30,347	33,914	23,336	9,645	933	68.8	28.4	2.8
Jewelry and instrument cases.....	2,070	2,343	1,045	1,239	59	44.6	52.9	2.5
Millinery and lace goods.....	39,201	40,522	8,061	31,290	1,171	19.9	77.2	2.9
Needles, pins, and hooks and eyes.....	4,638	4,955	2,262	2,313	380	45.6	46.7	7.7
Paper goods, not elsewhere specified.....	19,211	20,500	10,141	9,707	652	49.5	47.4	3.2
Peanuts, grading, roasting, cleaning, and shelling.....	1,949	2,346	473	1,833	40	20.2	78.1	1.7
Pencils, lead.....	4,134	4,412	1,843	2,244	325	41.8	50.9	7.4
Pens, steel.....	699	729	113	591	25	15.5	81.1	3.4
Pottery, terra-cotta, and fire-clay products.....	56,168	60,842	53,159	6,799	884	87.4	11.2	1.5
Stationery goods, not elsewhere specified.....	6,206	6,417	3,405	2,635	377	53.1	41.1	5.9
Surgical appliances and artificial limbs.....	4,241	4,440	2,193	2,113	134	49.4	47.6	3.0
Umbrellas and canes.....	5,472	5,837	2,586	3,017	234	44.3	51.7	4.0

Sex and age distribution, by states: 1909.—Table 14 shows, for each geographic division and each state, the distribution of wage earners by sex and age and the per cent that each class represents of the total average number of wage earners. The numbers of each sex and each age period are obtained by applying to the average number employed in each industry in each state the percentages of each age and sex in the number of wage earners reported for December 15, or the nearest representative day, and then totaling the result, as more fully explained on page 452.

The relative number of males 16 years of age or over, females 16 years of age or over, and children under 16 employed in each state depends primarily upon the character of the industries in that state, but the number of persons under 16 employed is also affected by the legislation of the several states with regard to child labor. The largest proportions of female wage earners 16 years of age or over are found in the New England and Middle Atlantic divisions,

owing chiefly to the importance of the textile and clothing industries in these divisions. Next to these two divisions in this respect ranks the South Atlantic division, and in this division appears the largest proportion of wage earners under 16 years of age, 6.3 per cent. This large proportion is due chiefly to the predominance of the textile industries in the South Atlantic states. The proportions of females 16 years of age or over and of children under 16 are lowest in the West South Central, Mountain, and Pacific divisions, where the textile and clothing industries are relatively unimportant.

Among the individual states the largest proportion of female wage earners 16 years of age or over, 32.3 per cent, is found in Rhode Island, and the next largest proportion in New Hampshire, followed closely by Massachusetts and New York. The proportion of children employed is largest in South Carolina, 12.9 per cent, and next largest in North Carolina. Among the Northern states Rhode Island shows the largest percentage of children.



Table 14

DIVISION AND STATE.	AVERAGE NUMBER OF WAGE EARNERS.				PER CENT OF TOTAL.		
	Total.	16 years of age and over.		Under 16 years of age.	16 years of age and over.		Under 16 years of age.
		Male.	Female.		Male.	Female.	
United States.....	6,615,046	5,163,164	1,290,389	161,493	78.1	19.5	2.4
GEOGRAPHIC DIVISIONS:							
New England.....	1,101,290	760,639	307,076	33,575	69.1	27.9	3.0
Middle Atlantic.....	2,207,747	1,618,967	544,316	44,464	73.3	24.7	2.0
East North Central.....	1,813,764	1,271,013	220,194	22,557	84.0	14.5	1.5
West North Central.....	374,337	311,149	57,471	5,726	83.1	15.4	1.5
South Atlantic.....	663,015	517,436	103,703	41,836	78.0	15.6	6.3
East South Central.....	261,772	228,788	24,993	7,989	87.4	9.5	3.1
West South Central.....	204,530	191,353	9,724	3,443	93.6	4.7	1.7
Mountain.....	75,435	71,142	3,834	459	94.3	5.1	0.6
Pacific.....	213,106	192,666	19,076	1,424	90.4	8.9	0.7
NEW ENGLAND:							
Maine.....	79,935	60,612	17,956	1,387	75.8	22.5	1.7
New Hampshire.....	78,638	53,574	23,888	1,196	68.1	30.4	1.5
Vermont.....	33,788	28,946	4,631	211	85.7	13.7	0.6
Massachusetts.....	584,559	390,544	173,280	20,735	66.8	29.6	3.5
Rhode Island.....	113,538	72,239	36,674	4,625	63.6	32.3	4.1
Connecticut.....	210,792	154,724	59,647	5,421	73.4	24.0	2.6
MIDDLE ATLANTIC:							
New York.....	1,003,981	702,637	293,525	7,819	70.0	29.2	0.8
New Jersey.....	320,223	236,499	82,186	7,538	72.5	25.2	2.3
Pennsylvania.....	877,543	679,931	168,605	29,107	77.5	19.2	3.3
EAST NORTH CENTRAL:							
Ohio.....	446,934	372,694	68,996	5,244	83.4	15.4	1.2
Indiana.....	180,984	161,117	22,255	3,612	86.2	11.9	1.9
Illinois.....	465,764	382,691	76,156	6,917	82.2	16.3	1.5
Michigan.....	231,499	197,777	31,205	2,517	85.4	13.5	1.1
Wisconsin.....	182,583	136,734	21,582	4,267	85.8	11.8	2.3
WEST NORTH CENTRAL:							
Minnesota.....	84,767	73,038	11,423	306	86.2	13.5	0.4
Iowa.....	61,635	51,128	9,460	1,047	83.0	15.3	1.7
Missouri.....	152,903	119,980	29,195	3,818	78.4	19.1	2.5
North Dakota.....	2,789	2,489	243	57	89.2	8.7	2.0
South Dakota.....	3,602	3,099	457	46	86.0	12.7	1.3
Nebraska.....	24,336	20,763	3,356	217	85.3	13.8	0.9
Kansas.....	44,215	40,643	3,337	235	91.9	7.5	0.5
SOUTH ATLANTIC:							
Delaware.....	21,238	17,205	3,504	529	81.0	16.5	2.5
Maryland.....	107,921	72,416	28,957	6,548	67.1	26.8	6.1
District of Columbia.....	7,707	6,861	827	19	89.0	10.7	0.2
Virginia.....	105,676	88,191	13,863	3,622	83.5	13.1	3.4
West Virginia.....	63,893	58,335	4,505	1,053	91.3	7.1	1.6
North Carolina.....	121,473	86,082	21,093	13,698	70.9	17.9	11.3
South Carolina.....	73,046	50,848	12,793	9,405	69.6	17.5	12.9
Georgia.....	104,588	83,998	14,549	6,041	80.3	13.9	5.8
Florida.....	57,473	53,420	3,012	941	93.1	5.2	1.6
EAST SOUTH CENTRAL:							
Kentucky.....	65,400	55,072	9,495	833	84.2	14.5	1.3
Tennessee.....	73,840	63,016	8,379	2,445	85.3	11.3	3.3
Alabama.....	72,148	63,413	5,082	3,653	87.9	7.0	5.1
Mississippi.....	50,384	47,287	2,699	1,058	93.9	4.0	2.1
WEST SOUTH CENTRAL:							
Arkansas.....	44,982	43,763	694	525	97.3	1.5	1.2
Louisiana.....	76,165	70,153	4,473	1,539	92.1	5.9	2.0
Oklahoma.....	13,143	12,345	673	123	93.9	5.1	0.9
Texas.....	70,230	65,092	3,882	1,256	92.7	5.5	1.8
MOUNTAIN:							
Montana.....	11,655	11,436	189	30	98.1	1.6	0.3
Idaho.....	8,220	8,035	155	39	97.7	1.9	0.4
Wyoming.....	2,867	2,810	45	12	98.0	1.6	0.4
Colorado.....	28,067	25,808	2,094	165	92.0	7.5	0.6
New Mexico.....	4,143	3,995	82	66	96.4	2.0	1.6
Arizona.....	6,441	6,366	38	37	98.8	0.6	0.6
Utah.....	11,785	10,470	1,205	110	98.8	10.2	0.9
Nevada.....	2,257	2,222	26	9	98.4	1.2	0.4
PACIFIC:							
Washington.....	69,120	66,042	2,812	266	95.5	4.1	0.4
Oregon.....	28,750	26,406	2,246	98	91.8	7.8	0.3
California.....	115,296	100,218	14,018	1,060	86.9	12.2	0.9

Comparison with previous censuses as to sex and age.—The following table shows, for all industries combined, the distribution of the average number of wage earners according to age periods, and in the case of those 16 years of age or over according to sex, for 1909, 1904, and 1899. As already explained (p. 452), the distribution for 1909 is estimated on the basis of the actual proportions reported for a single represent-

ative day, while the figures for the other two censuses represent averages computed from the number of each class reported for each month of the year.

Table 15

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1904		1899	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
Total.....	6,615,046	100.0	5,468,383	100.0	4,712,763	100.0
16 years of age and over.....	6,453,553	97.6	5,308,498	97.1	4,551,487	96.6
Male.....	5,163,164	78.1	4,242,643	77.6	3,632,977	77.1
Female.....	1,290,389	19.5	1,065,855	19.5	918,510	19.5
Under 16 years of age.....	161,493	2.4	159,885	2.9	161,276	3.4

From an examination of this table it will be seen that, while the numbers of men and women workers increased at each census, the number of children under 16 years of age has been comparatively stationary. For all industries combined there was a slight net increase during the 10 years in the number of children employed, although from 1899 to 1904 the number decreased. The percentage which children represent of the total number of wage earners, however, decreased from census to census. The proportion of adult female wage earners has been the same at each census, while the proportion of adult males has increased slightly.

Comparison of sex and age distribution in selected industries: 1909, 1904, and 1899.—Table 16 shows, in percentages, the distribution of wage earners according to sex and age periods, in 1909, 1904, and 1899, for all industries of any importance in which the proportion of women and children is relatively high or in which the absolute number of women and children is large. The percentages for the three years are comparable though not precisely parallel, for the reason that those for 1909 relate to the number employed on December 15, or the nearest representative day, which in the case of many establishments in some industries was in another month than December, while those for 1904 and 1899 (in which years reports were made for each month of the average number of wage earners by sex and age) are based upon the average number in each group for the month of December. Nevertheless, the figures should be very closely comparable for nearly all industries.

In about three-fifths of the 61 industries shown in this table the number of females 16 years of age or over and of children under the age of 16, taken together, formed a smaller proportion of the wage earners reported for December in 1909 than in 1899, or, in other words, the proportion of males 16 years of age or over increased during the decade. In the cotton-goods industry, in which the number of women and children is greater than in any other industry, each of these classes represented a smaller



percentage of the total number of wage earners in 1909 than in 1899. Similar changes have occurred in the men's clothing and the hosiery and knit-goods industries, both of which are important as employers of women and children. In the silk and woolen industries the proportion of women has increased slightly, but the proportion of children under 16 has decreased. For the tobacco-products industry, in which the proportion of

children has likewise decreased, a marked increase is shown in the proportion of women employed.

Among the 61 industries listed in the table there were 22 in which the percentage of children was higher in 1909 than in 1899, but most of these are relatively unimportant industries. The most conspicuous increase in the proportion of children employed is in the manufacture of bags, other than paper.

Table 16

INDUSTRY.	PER CENT OF ALL WAGE EARNERS EMPLOYED. <sup>1</sup>								
	16 years of age and over.						Under 16 years of age.		
	Male.			Female.					
	1909	1904	1899	1909	1904	1899	1909	1904	1899
Artificial flowers and feathers and plumes.....	13.1	14.1	12.9	83.7	80.7	79.1	3.1	5.2	8.0
Awnings, tents, and sails.....	56.0	59.5	65.1	42.4	39.4	34.0	1.6	1.2	0.9
Bags, other than paper.....	34.0	34.0	31.3	56.8	60.2	65.3	9.2	5.9	3.4
Bags, paper.....	50.9	52.0	53.6	47.3	45.2	45.4	1.8	2.7	1.0
Baking powders and yeast.....	52.7	47.0	49.9	44.9	51.3	48.4	2.4	1.7	1.7
Boots and shoes, including cut stock and findings.....	62.6	63.4	63.6	33.3	33.2	33.4	4.1	3.4	3.1
Boots and shoes, rubber.....	59.3	57.1	60.3	38.1	39.8	38.2	2.6	3.1	1.5
Boxes, cigar.....	44.5	44.5	46.4	49.7	50.0	49.4	5.8	5.5	4.2
Boxes, fancy and paper.....	32.8	29.3	27.9	60.0	64.5	65.9	7.1	6.2	6.2
Bread and other bakery products.....	81.3	79.6	79.2	16.7	18.1	17.7	2.0	2.3	3.1
Buttons.....	60.0	50.8	47.4	36.5	45.9	47.2	3.5	3.3	5.4
Canning and preserving.....	43.1	48.2	55.6	49.8	45.7	40.0	7.1	6.1	4.4
Carpets and rugs, other than rag.....	56.2	51.0	48.4	39.7	43.3	44.1	4.1	5.7	7.5
Clocks and watches, including cases and materials.....	61.7	61.8	63.8	36.2	36.9	34.4	2.1	1.4	1.8
Clothing, horse.....	32.4	36.8	25.2	58.5	56.6	65.5	9.1	6.6	9.2
Clothing, men's, including shirts.....	42.4	37.6	33.9	55.5	60.0	63.4	2.0	2.4	2.6
Clothing, women's.....	35.8	34.9	29.6	63.3	64.4	69.4	0.9	0.8	0.9
Coffee and spice, roasting and grinding.....	59.4	60.3	51.9	39.1	38.3	46.1	1.4	1.4	2.0
Confectionery.....	35.9	35.9	44.7	58.1	59.3	49.8	6.0	4.8	5.4
Copper, tin, and sheet-iron products.....	84.6	85.0	86.7	12.3	12.4	9.2	3.0	2.6	4.1
Cordage and twine and jute and linen goods.....	48.3	57.6	55.2	44.8	35.6	36.8	6.8	6.7	8.1
Cork, cutting.....	54.2	45.1	43.8	40.4	46.7	48.2	5.3	8.3	8.0
Corsets.....	12.6	10.9	9.9	83.9	86.3	87.4	3.5	2.8	2.7
Cotton goods, including cotton small wares.....	50.9	46.6	44.8	38.7	40.5	41.9	10.4	12.9	13.3
Dyeing and finishing textiles.....	79.6	80.2	81.9	18.0	15.9	14.4	2.4	3.9	3.7
Electrical machinery, apparatus, and supplies.....	76.4	80.6	82.8	22.7	18.3	15.8	0.9	1.0	1.5
Fireworks.....	54.8	55.7	54.7	40.9	39.0	36.7	4.3	5.3	8.6
Flags, banners, regalia, society badges, and emblems.....	35.7	32.8	28.2	61.7	65.6	68.9	2.6	1.6	2.9
Flavoring extracts.....	56.8	51.7	51.2	41.1	46.5	46.5	2.0	1.8	2.3
Food preparations.....	67.9	59.0	65.6	30.6	39.2	31.7	1.5	1.8	2.7
Foundry and machine-shop products.....	97.3	97.3	97.7	2.0	1.9	1.4	0.8	0.8	0.9
Fur goods.....	59.1	57.3	45.3	40.5	42.3	53.9	0.4	0.4	0.7
Furnishing goods, men's.....	21.8	14.1	14.7	76.1	84.3	83.3	2.1	1.6	2.0
Gloves and mittens, leather.....	42.7	39.6	30.9	54.9	58.3	67.1	2.4	2.1	2.0
Gold and silver, leaf and foil.....	43.2	45.5	51.0	53.4	51.8	46.8	3.5	2.8	2.2
Hair work.....	34.4	17.8	13.9	63.4	80.5	85.8	2.1	1.7	0.4
Hats, fur-felt.....	69.9	70.3	70.2	28.0	27.6	28.4	2.1	2.1	1.4
Hats, straw.....	34.0	33.4	.....	64.3	65.6	.....	1.7	0.9	.....
Hosiery and knit goods.....	27.4	24.2	25.0	64.5	66.2	64.5	8.1	9.6	10.5
House-furnishing goods, not elsewhere specified.....	50.5	56.0	57.3	47.8	41.5	40.5	1.6	2.5	2.2
Jewelry.....	68.8	71.9	67.2	28.4	26.1	31.0	2.8	2.0	1.8
Jewelry and instrument cases.....	44.6	47.7	48.5	52.9	51.0	47.5	2.5	1.3	4.0
Leather goods.....	81.8	79.7	84.4	15.7	17.3	12.3	2.5	3.0	3.3
Mattresses and spring beds.....	79.9	79.7	77.0	18.4	18.8	20.4	1.7	1.5	2.6
Millinery and lace goods.....	19.9	13.4	16.9	77.2	85.1	81.9	2.9	1.5	1.2
Needles, pins, and hooks and eyes.....	45.6	47.5	50.9	46.7	46.5	44.0	7.7	6.0	5.1
Paper and wood pulp.....	87.1	85.9	83.2	12.6	13.7	16.5	0.3	0.4	0.4
Paper goods, not elsewhere specified.....	49.5	41.5	46.0	47.4	55.3	51.6	3.2	3.2	2.4
Patent medicines and compounds and druggists' preparations.....	46.6	42.2	44.5	51.3	55.4	53.9	2.1	2.4	1.6
Peanuts, grading, roasting, cleaning, and shelling.....	20.2	19.7	.....	78.1	75.4	.....	1.7	4.9	.....
Pencils, lead.....	41.8	42.1	35.8	50.9	54.0	51.9	7.4	3.8	12.3
Pens, steel.....	15.6	9.3	13.6	81.1	83.7	78.8	3.4	7.0	7.6
Pottery, terra-cotta, and fire-clay products.....	87.4	85.8	87.2	11.2	11.8	10.5	1.5	2.4	2.3
Printing and publishing.....	75.1	74.5	74.8	22.4	22.9	20.6	2.4	2.6	4.7
Silk and silk goods, including throwsters.....	35.0	34.1	36.6	57.1	56.7	53.4	8.0	9.2	10.0
Slaughtering and meat packing.....	93.1	92.0	93.1	6.3	6.7	4.5	0.6	1.2	2.4
Stationery goods, not elsewhere specified.....	53.1	49.6	42.9	41.1	46.5	50.7	5.9	3.9	6.4
Surgical appliances and artificial limbs.....	49.4	48.4	54.3	47.6	49.8	40.3	3.0	1.8	5.4
Tobacco manufactures.....	49.9	54.1	57.8	46.5	41.3	37.6	3.6	4.6	4.7
Umbrellas and canes.....	44.3	39.3	39.9	51.7	56.0	56.0	4.0	4.7	4.1
Woolen, worsted, and felt goods, and wool hats.....	53.0	52.8	53.0	41.3	39.6	39.7	5.7	7.6	7.2

<sup>1</sup> For 1904 and 1899 the percentages are based on the average numbers reported for the month of December; for 1909, on the number employed on Dec. 15, or the nearest representative day.

Comparison of sex and age distribution, by states: 1909, 1904, and 1899.—Table 17 shows, for each geographic division and state, for 1909, 1904, and

1899, respectively, the percentage of the average number of wage earners employed during the year represented by males 16 years of age or over, females 16



years of age or over, and children under 16 years of age. For 1909 the percentages have been computed from the returns for a representative day in the manner described on page 452; for the other two years the bases of calculation are average numbers computed for the year from the returns made for each month.

Table 17

PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.

DIVISION AND STATE.	16 years of age and over.						Under 16 years of age.		
	Male.			Female.					
	1909	1904	1899	1909	1904	1899	1909	1904	1899
United States.....	78.1	77.6	77.1	19.5	19.5	19.5	2.4	2.9	3.4
GEOGRAPHIC DIVISIONS:									
New England.....	69.1	69.1	68.4	27.9	28.0	28.7	3.0	2.9	2.9
Middle Atlantic.....	73.3	73.9	73.3	24.7	23.5	23.4	2.0	2.7	3.3
East North Central.....	84.0	83.8	84.4	14.5	14.5	13.2	1.5	1.7	2.4
West North Central.....	83.1	83.6	83.4	15.4	14.2	13.6	1.5	2.3	3.0
South Atlantic.....	78.0	75.4	74.7	15.6	17.0	17.4	6.3	7.6	7.9
East South Central.....	87.4	85.9	86.2	9.5	9.7	9.0	3.1	4.3	4.8
West South Central.....	93.6	92.6	91.3	4.7	5.5	6.4	1.7	1.9	2.4
Mountain.....	94.3	93.6	94.4	5.1	5.2	4.2	0.6	1.3	1.3
Pacific.....	90.4	88.6	85.5	8.9	10.3	12.6	0.7	1.2	1.9
NEW ENGLAND:									
Maine.....	75.8	75.6	72.1	22.5	22.4	24.8	1.7	2.0	3.1
New Hampshire.....	68.1	68.1	67.1	30.4	30.5	30.4	1.5	1.5	2.4
Vermont.....	85.7	85.5	85.0	13.7	13.8	14.1	0.6	0.7	0.9
Massachusetts.....	66.8	66.9	66.6	29.6	30.1	30.6	3.6	3.0	2.8
Rhode Island.....	63.6	63.0	62.7	32.3	31.6	31.6	4.1	5.4	5.7
Connecticut.....	73.4	73.1	72.3	24.0	24.5	25.6	2.6	2.4	2.1
MIDDLE ATLANTIC:									
New York.....	70.0	70.4	69.3	29.2	28.6	29.0	0.8	0.9	1.7
New Jersey.....	72.5	73.4	73.3	25.2	23.6	23.1	2.3	3.0	3.7
Pennsylvania.....	77.5	77.9	77.7	19.2	17.6	17.4	3.3	4.5	4.9
EAST NORTH CENTRAL:									
Ohio.....	83.4	83.4	84.0	15.4	15.2	14.7	1.2	1.4	1.3
Indiana.....	86.2	85.3	86.0	11.9	12.5	11.4	1.9	2.2	2.5
Illinois.....	82.2	82.8	82.6	16.3	15.9	14.4	1.5	1.3	3.0
Michigan.....	85.4	84.3	86.2	13.5	13.8	12.2	1.1	1.9	1.6
Wisconsin.....	85.8	85.4	86.0	11.8	11.9	9.9	2.3	2.7	4.0
WEST NORTH CENTRAL:									
Minnesota.....	86.2	87.4	88.5	13.5	12.1	10.4	0.4	0.5	1.1
Iowa.....	83.0	83.0	83.1	15.3	14.8	12.9	1.7	2.2	4.0
Missouri.....	78.4	79.5	78.1	19.1	17.1	18.5	2.5	3.4	3.5
North Dakota.....	89.2	86.7	90.7	8.7	11.3	6.8	2.0	2.0	2.5
South Dakota.....	86.0	87.4	91.4	12.7	11.2	3.6	1.3	1.3	4.9
Nebraska.....	85.3	85.5	86.9	13.8	12.5	9.2	0.9	2.0	3.9
Kansas.....	91.9	90.4	89.9	7.5	7.6	7.2	0.5	2.0	2.9
SOUTH ATLANTIC:									
Delaware.....	81.0	80.5	79.8	16.5	16.0	16.1	2.5	3.5	4.1
Maryland.....	67.1	67.4	65.5	26.8	26.7	28.6	6.1	5.9	6.0
District of Columbia.....	89.0	89.1	87.1	10.7	9.7	11.7	0.2	1.2	1.2
Virginia.....	83.5	81.0	79.5	13.1	14.9	14.9	3.4	4.0	5.5
West Virginia.....	91.3	90.0	89.0	7.1	7.4	8.5	1.6	2.6	2.4
North Carolina.....	70.9	64.9	65.0	17.8	21.4	20.9	11.3	13.6	14.1
South Carolina.....	69.6	63.3	61.9	17.5	20.2	20.1	12.9	16.4	18.0
Georgia.....	80.3	78.5	80.4	13.9	13.6	12.1	5.8	7.9	7.5
Florida.....	93.1	94.2	94.8	5.2	5.0	4.3	1.6	0.8	0.9
EAST SOUTH CENTRAL:									
Kentucky.....	84.2	82.8	84.1	14.5	13.9	11.8	1.3	3.3	4.2
Tennessee.....	85.3	85.4	85.1	11.3	10.9	10.6	3.3	3.6	4.3
Alabama.....	87.9	86.0	87.0	7.0	7.3	6.6	5.1	6.6	6.5
Mississippi.....	93.9	91.4	90.8	4.0	5.3	5.4	2.1	3.3	3.8
WEST SOUTH CENTRAL:									
Arkansas.....	97.3	96.9	96.7	1.5	1.5	1.3	1.2	1.6	2.0
Louisiana.....	92.1	89.4	85.0	5.9	8.2	12.3	2.0	2.4	2.7
Oklahoma.....	93.9	92.0	94.7	5.1	6.0	3.2	0.9	2.0	2.1
Texas.....	92.7	93.3	93.2	5.5	5.1	4.4	1.8	1.7	2.4
MOUNTAIN:									
Montana.....	98.1	97.7	98.1	1.6	1.6	0.9	0.3	0.7	1.1
Idaho.....	97.7	95.8	96.5	1.9	2.9	2.1	0.4	1.3	1.4
Wyoming.....	98.0	97.8	98.5	1.6	1.8	0.7	0.4	0.4	0.7
Colorado.....	92.0	92.4	93.4	7.5	6.2	5.5	0.6	1.4	1.0
New Mexico.....	96.4	97.4	96.5	2.0	1.5	2.4	1.6	1.1	1.0
Arizona.....	98.8	98.9	98.0	0.6	0.7	0.9	0.6	0.4	1.1
Utah.....	88.8	84.9	86.1	10.2	12.6	10.7	0.9	2.4	3.2
Nevada.....	98.4	98.5	95.4	1.2	1.0	1.2	0.4	0.5	3.4
PACIFIC:									
Washington.....	95.5	96.9	97.2	4.1	2.9	2.0	0.4	0.2	0.8
Oregon.....	91.8	90.9	90.4	7.8	8.0	7.7	0.3	1.1	1.9
California.....	86.9	84.4	79.7	12.2	14.0	17.9	0.9	1.6	2.4

In every geographic division except New England, children under 16 years of age constituted a smaller proportion of the average number of wage earners in 1909 than in 1899, while the proportion in New Eng-

land rose slightly, wholly on account of increased proportions in Massachusetts and Connecticut. The proportion of children decreased during the decade in all but five of the states, the exceptions being Massachusetts, Connecticut, Maryland (where there was very little change), Florida, and New Mexico. In the Middle Atlantic, East North Central, West North Central, East South Central, and Mountain divisions women 16 years of age or over represented a larger proportion of the total in 1909 than in 1899, but in the other divisions they constituted a somewhat smaller proportion. Most of the individual states show comparatively little change in the proportion of women, the most conspicuous increases being in certain states where the manufacturing industries are still comparatively undeveloped, such as South Dakota and Nebraska. Marked decreases in the proportion of women took place in Louisiana and California.

**Wage earners employed, by months.**—The following table gives the number of wage earners employed on the 15th of each month during the year 1909 for all industries combined. For purposes of comparison figures for 1904 are also given, but these are on a slightly different basis, since at that census each establishment was asked to report the average number employed for each month rather than the number employed on a specified day of each month.

Table 18

WAGE EARNERS IN ALL MANUFACTURING INDUSTRIES.<sup>1</sup>

MONTH.	Number.		Per cent of maximum.	
	1909	1904	1909	1904
January.....	6,210,063	5,262,472	88.6	92.7
February.....	6,297,627	5,330,471	89.9	93.9
March.....	6,423,517	5,450,736	91.7	96.0
April.....	6,437,633	5,493,343	91.9	96.8
May.....	6,457,279	5,512,373	92.2	97.1
June.....	6,517,469	5,463,804	93.0	96.2
July.....	6,486,676	5,323,966	92.6	93.8
August.....	6,656,933	5,420,618	95.0	95.5
September.....	6,898,706	5,608,412	98.5	98.8
October.....	6,997,090	5,676,920	99.9	100.0
November.....	7,006,853	5,587,028	100.0	98.4
December.....	6,990,652	5,490,453	99.8	96.7

<sup>1</sup> The numbers for 1909 represent the number employed on the 15th of each month, or the nearest representative day; those for 1904, the average number employed during each month.

In 1909 the largest number of wage earners, 7,006,853, was employed in November, and the smallest number, 6,210,063, in January, this number being equal to 88.6 per cent of the maximum. In 1904 the largest number was employed in October and the smallest number in January, the minimum representing 92.7 per cent of the maximum. In 1909 a fairly constant increase in employment was shown from January to November, except that the number employed in July was a little lower than in June.

The figures for employment by months for all industries combined fail to show fully the variations in employment, since a variation in one direction in one industry may be offset by a variation in the opposite direction in another industry. Except for distinctly



seasonal industries, however, the employment in most of the important industries of the country appears to have been comparatively steady throughout the year 1909. The following table shows the amount of variation in certain industries. It gives (1) the 14 industries which reported the largest average number of wage earners, including all reporting 100,000 or more, and (2) the 12 industries which show the greatest variations in employment, including all (except one or two employing less than 1,000 wage earners each) in which the number for the month of least activity is less than one-half that for the month of greatest activity.

Table 19

INDUSTRY.	Average number.	Maximum number.		Minimum number.		
		Month.	Number.	Month.	Number.	Per cent of maximum.
<i>Principal industries.</i>						
Lumber and timber products..	695,019	Nov...	739,160	Jan...	649,239	87.8
Foundry and machine-shop products.....	531,011	Dec...	597,234	Jan....	482,060	80.7
Cotton goods, including cotton small wares.....	378,880	Dec...	383,529	Jan...	374,433	97.6
Cars and general shop construction and repairs by steam-railroad companies...	282,174	Dec....	301,538	May...	268,700	89.1
Printing and publishing.....	258,434	Dec...	269,884	July...	251,757	93.3
Iron and steel, steel works and rolling mills.....	240,076	Dec...	283,629	Mar...	215,076	75.8
Clothing, men's, including shirts.....	239,696	Dec...	251,349	Jan....	230,650	91.8
Boots and shoes, including cut stock and findings.....	198,297	Dec...	207,452	May...	190,382	91.8
Woolen, worsted, and felt goods, and wool hats.....	168,722	Nov....	173,943	Jan....	158,318	91.0
Tobacco manufactures.....	166,810	Dec...	176,369	Jan....	161,563	91.6
Clothing, women's.....	153,743	Oct....	167,525	July...	135,034	80.6
Hosiery and knit goods.....	129,275	Nov....	134,540	Jan....	123,308	91.7
Furniture and refrigerators....	128,452	Nov....	136,615	Jan....	120,524	88.2
Bread and other bakery products.....	100,216	Oct....	102,770	Jan....	96,639	94.0
<i>Industries showing large variation.</i>						
Brick and tile.....	76,528	July...	104,930	Jan....	38,312	36.5
Canning and preserving.....	59,968	Sept....	154,800	Jan....	19,968	12.9
Fertilizers.....	18,310	Mar....	29,310	July...	14,264	48.7
Oil, cottonseed, and cake.....	17,071	Nov....	29,334	July...	5,174	17.6
Ice, manufactured.....	16,114	July...	22,872	Jan....	9,847	43.1
Artificial stone.....	9,937	Aug....	12,884	Jan....	4,856	37.7
Hats, straw.....	8,814	Mar....	11,488	July...	4,700	40.9
Beet sugar.....	7,204	Nov....	16,807	Feb....	2,206	13.1
Sugar and molasses.....	4,127	Nov....	15,761	Feb....	559	3.5
Vinegar and cider.....	1,542	Oct....	3,464	Mar....	886	25.6
Grindstones.....	1,394	May....	1,665	Jan....	795	47.7
Rice, cleaning and polishing...	1,239	Oct....	2,017	July...	436	21.6

Considering first the principal industries, it will be seen that the greatest regularity of employment was in the manufacture of cotton goods, in which the number employed during the month of least activity, January, was equal to 97.6 per cent of the number employed in the month of greatest activity, Decem-

ber. Other industries in which the number for the month of least activity was more than 90 per cent of the number for the month of greatest activity are the manufacture of boots and shoes, bakeries, the men's clothing industry, the tobacco-products industry, the manufacture of woolen goods and of hosiery and knit goods, and printing and publishing. Among the principal industries the greatest variation appears in the steel works and rolling mills, in which the number employed during March, the month of least activity, was only 75.8 per cent of the number employed during December, the month of greatest activity. The women's clothing and foundry and machine shop industries also show a comparatively large degree of variation in the number employed.

The lumber industry, as already stated, includes logging camps as well as sawmills, and also includes planing mills and wooden packing-box factories. The variation in employment in all of these branches taken together for the country as a whole is not very great, the number employed during the month of least activity being 87.8 per cent of the number employed during the month of greatest activity. For the logging camps alone, however, there is greater variation, the number employed during July, 170,587, being only 76.6 per cent of the number employed in December, which was 222,564. Furthermore, since in different sections of the country the active season in the woods covers different months, if the operations of the logging camps in each geographic division are considered separately, a much wider variation appears in the number employed, this being particularly true in the Northern states.

There are a number of industries which are conspicuously seasonal in character. In the case of some of these the weather will not permit work except at certain seasons, and in others the raw material used is available only at certain seasons and must be handled immediately, while in the case of the remainder the demand for the products is conspicuously seasonal. The most variable large industry is canning and preserving, which naturally is confined mainly to the period at which fruits and vegetables are harvested. The industry includes the canning and preserving of fish and oysters, which is carried on in the winter months; if this were excluded there would necessarily be a much greater variation in the numbers employed. In this industry the number employed during January, the month of least activity, formed only 12.9 per cent of the number employed during September.



## CHARACTER OF OWNERSHIP.

**Summary for United States.**—The table that follows has for its purpose the presentation of conditions in respect to the character of ownership, or legal organization, of manufacturing enterprises. Comparative figures are given, covering all industries combined, for the censuses of 1909 and 1904. Similar data for 1899 are not available.

CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
<b>All classes:</b>				
1909.....	268,491	6,615,046	\$20,672,051,870	\$8,529,260,992
1904.....	216,180	5,468,383	14,793,902,563	6,293,694,753
Average per establishment—				
1909.....		25	76,993	31,767
1904.....		25	68,433	29,113
<b>Individual:</b>				
1909.....	140,605	804,883	2,042,061,500	968,824,072
1904.....	113,946	755,923	1,702,830,624	824,292,887
Average per establishment—				
1909.....		6	14,523	6,890
1904.....		7	14,944	7,234
<b>Firm:</b>				
1909.....	54,265	794,836	2,184,107,632	951,383,741
1904.....	47,934	841,242	2,132,536,604	930,143,823
Average per establishment—				
1909.....		15	40,249	17,532
1904.....		18	44,489	19,405
<b>Corporation:</b>				
1909.....	69,501	5,002,393	16,341,116,634	6,582,207,117
1904.....	51,097	3,862,698	10,904,069,307	4,526,055,153
Average per establishment—				
1909.....		72	235,121	94,721
1904.....		76	213,399	88,578
<b>Other:</b>				
1909.....	4,120	12,934	104,766,104	26,846,062
1904.....	3,203	8,520	54,464,028	13,202,890
Average per establishment—				
1909.....		3	25,429	6,516
1904.....		3	17,005	4,122
<b>Per cent of total—</b>				
1909.....	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0
<b>Individual:</b>				
1909.....	52.4	12.2	9.9	11.4
1904.....	52.7	13.8	11.5	13.1
<b>Firm:</b>				
1909.....	20.2	12.0	10.6	11.2
1904.....	22.2	15.4	14.4	14.8
<b>Corporation:</b>				
1909.....	25.9	75.6	79.0	77.2
1904.....	23.6	70.6	73.7	71.9
<b>Other:</b>				
1909.....	1.5	0.2	0.5	0.3
1904.....	1.5	0.2	0.4	0.2

The most important distinction shown is that between corporate and all other forms of ownership. Of the total number of establishments reported as engaged in manufacturing industries in 1909, 25.9 per cent were under corporate ownership. The corresponding figure for 1904 was 23.6 per cent. While corporations thus controlled only about one-fourth of the total number of establishments, they gave employment to a large proportion of all wage earners reported, namely, 75.6 per cent in 1909 and 70.6 per cent in 1904. The value of the products of the factories operated by corporations represented 79 per cent of the total value of products for all establishments in 1909 and 73.7 per cent in 1904. These figures show that even during this short period of five years the corporate form of ownership increased so greatly that it represented an appreciably larger proportion of the manufacturing interests of the country in 1909 than in 1904.

Partnerships (including limited partnerships) controlled about one-fifth of the total number of manufacturing establishments in 1909, and individuals rather more than one-half of the total number. These two classes of establishments were about equal in volume of business, each reporting in the neighborhood of one-eighth of the total number of wage earners and one-tenth of the total value of products in 1909. During the five years from 1904 to 1909 partnerships lost ground, relatively, to a greater degree than individual ownership, presumably because of the incorporation of many concerns previously operated by firms.

In 1909 there were 4,120 establishments operated by cooperative companies and other miscellaneous forms of ownership that could not be classified as individual, firm, or corporate ownership. These establishments gave employment to only two-tenths of 1 per cent of the wage earners, and the value of their products was only five-tenths of 1 per cent of the total value reported for all establishments.

From 1904 to 1909 the average number of wage earners per establishment decreased for all three principal classes of ownership, while the average value of products per establishment decreased for the establishments under individual and firm ownership but increased for corporate ownership.

**Proportion of business done by corporations in the principal industries: 1909 and 1904.**—Table 21 on the following page shows, for the principal industries, the number of manufacturing establishments operated by corporations in 1909 and 1904, and the percentage which they represent of the entire number of establishments; also the value of the manufactured products made in establishments under corporate ownership and the percentage which this represents of the total value. The figures as to total value, on which the percentages are based, will be found in Table 110. Two important industries, the repair shops of steam railroads and the smelting and refining of copper, are not shown separately in this table, as to do so would disclose the operations of individual establishments.

This table shows that in industries where a large investment in plant and machinery is necessary to the proper conduct of the business, the establishments are as a rule operated by corporations, it being easier under this form of ownership to obtain the necessary capital. All of the establishments engaged in the smelting and refining of lead in 1909 were operated by corporations, and more than 90 per cent of the blast furnaces, steel works and rolling mills, cottonseed-oil mills, and establishments manufacturing steam-railroad cars were under this form of ownership. The general tendency has been toward an increase in the proportion of the establishments operated by corporations, and 35 of the 41 selected



industries show an increase in this respect. In 24 of the 41 selected industries, less than 50 per cent of the establishments were operated by corporations.

As a rule corporations control a much larger proportion of the output of manufactures than they do of the number of establishments. In 16 of the 41 industries the value of the products reported by corporations formed in 1909 more than 90 per cent of the value

reported for all establishments, and in all but 5 of the industries the corporations reported more than 50 per cent of the total value of products. In only 1 of the selected industries, the manufacture of women's clothing, did the proportion of the total value of products reported by corporations fall as low as one-fourth. In this industry it formed only 23.6 per cent of the total value reported for 1909.

Table 21

INDUSTRY.	NUMBER OF ESTABLISHMENTS.						VALUE OF PRODUCTS OF ESTABLISHMENTS OPERATED BY CORPORATIONS.			
	Total.		Operated by corporations.				Amount.		Per cent of total.	
			Number.		Per cent of total.					
	1909	1904	1909	1904	1909	1904	1909	1904	1909	1904
All industries .....	268,491	216,180	69,501	51,097	25.9	23.6	\$16,341,116,634	\$10,904,069,307	79.0	73.7
Agricultural implements.....	640	648	349	327	54.5	50.5	140,663,575	105,325,880	96.1	94.0
Automobiles including bodies and parts.....	743	178	478	113	64.3	63.5	235,802,964	26,454,851	94.6	88.1
Boots and shoes, including cut stock and findings.....	1,918	1,895	734	561	38.3	29.6	365,716,678	210,493,693	71.3	58.8
Brass and bronze products.....	1,021	813	417	271	40.8	33.3	134,981,702	89,004,043	90.0	86.9
Bread and other bakery products.....	23,926	18,226	838	483	3.5	2.6	140,238,713	86,595,177	35.3	32.1
Butter, cheese, and condensed milk.....	8,479	8,926	1,313	1,385	15.5	15.5	113,493,555	61,309,538	41.3	36.5
Canning and preserving.....	3,767	3,168	1,167	940	31.0	29.7	116,496,603	78,308,836	74.2	60.0
Carriages and wagons and materials.....	5,492	5,588	884	806	16.1	14.4	109,348,007	96,894,926	68.4	62.2
Cars, steam-railroad, not including operations of railroad companies.....	110	73	104	67	94.5	91.8	120,486,355	109,079,572	97.4	98.1
Chemicals.....	349	275	266	207	76.2	75.3	115,290,377	65,780,129	98.0	87.5
Clothing, men's, including shirts.....	6,354	5,145	824	538	13.0	10.5	187,167,188	.....	32.9	.....
Clothing, women's.....	4,558	3,351	583	319	12.8	9.5	90,696,932	46,168,946	23.6	18.6
Confectionery.....	1,944	1,348	595	384	30.6	28.5	96,821,995	52,802,483	71.8	60.6
Copper, tin, and sheet-iron products.....	4,228	2,540	1,034	591	24.5	23.3	149,640,465	80,398,170	74.9	67.0
Cotton goods, including cotton small wares.....	1,324	1,154	1,113	922	84.1	79.9	598,770,236	417,920,307	95.3	92.8
Electrical machinery, apparatus, and supplies.....	1,009	784	720	524	71.4	66.8	213,088,053	133,777,339	96.3	95.0
Flour-mill and gristmill products.....	11,691	10,051	2,271	1,732	19.4	17.2	588,189,883	429,736,098	66.6	60.3
Foundry and machine-shop products.....	13,253	10,765	6,408	4,542	48.4	42.2	1,082,715,968	724,924,320	88.1	82.3
Furniture and refrigerators.....	3,155	2,593	1,499	1,128	47.5	43.5	192,097,264	128,051,459	80.1	72.0
Gas, illuminating and heating.....	1,296	1,019	1,091	931	84.2	91.4	165,108,539	123,788,392	99.0	98.9
Hosiery and knit goods.....	1,374	1,144	651	476	47.4	41.6	142,021,832	.....	71.0	.....
Iron and steel, blast furnaces.....	208	190	195	182	93.8	95.8	386,361,856	226,518,168	98.7	97.7
Iron and steel, steel works and rolling mills.....	446	415	424	385	95.1	92.8	980,546,617	666,630,620	99.5	98.9
Leather goods.....	2,375	1,918	569	403	24.0	21.0	61,527,700	39,869,146	58.8	48.5
Leather, tanned, curried, and finished.....	919	1,049	454	391	49.4	37.3	250,296,374	168,736,461	76.3	66.8
Liquors, distilled.....	613	805	229	178	37.4	22.1	180,427,167	116,399,668	88.1	88.7
Liquors, malt.....	1,414	1,530	996	930	70.4	60.8	338,480,960	263,219,137	90.3	88.2
Lumber and timber products.....	40,671	25,153	6,969	4,900	17.1	19.5	793,810,129	536,795,071	68.7	60.7
Marble and stone work.....	4,964	2,608	811	467	16.3	17.9	54,859,987	.....	48.5	.....
Oil, cottonseed, and cake.....	817	715	756	677	92.5	94.7	141,730,982	93,817,578	95.8	97.3
Paint and varnish.....	791	639	526	360	66.5	56.3	106,349,811	75,473,279	85.2	83.1
Paper and wood pulp.....	777	761	633	587	81.5	77.1	248,435,331	169,665,695	92.8	89.9
Patent medicines and compounds and druggists' preparations.....	3,642	2,777	1,610	1,161	44.2	41.8	111,493,887	81,831,451	78.5	69.7
Petroleum, refining.....	147	98	131	83	89.1	84.7	232,539,969	169,548,502	98.1	96.9
Printing and publishing.....	31,445	27,793	7,184	5,354	22.8	19.3	516,400,736	368,729,392	70.0	66.7
Silk and silk goods, including throwsters.....	852	624	468	315	54.9	50.5	134,495,867	92,403,120	68.3	60.3
Slaughtering and meat packing.....	1,641	1,221	488	298	29.7	24.4	1,215,428,015	793,971,346	88.7	86.1
Smelting and refining, lead.....	28	32	28	28	100.0	87.5	167,405,650	185,366,977	100.0	99.8
Sugar and molasses, not including beet sugar.....	233	344	114	112	48.9	32.6	255,895,127	223,854,504	91.6	80.7
Tobacco manufactures.....	15,822	16,827	722	563	4.6	3.3	277,102,771	188,186,069	66.5	56.8
Woolen, worsted, and felt goods, and wool hats.....	985	1,074	578	518	58.7	48.2	363,283,846	239,816,937	83.3	75.1
All other industries.....	63,070	49,923	22,277	15,958	35.3	32.0	4,425,406,968	3,136,410,027	82.8	83.3

Proportion of business done by corporations, by states: 1909 and 1904.—Table 22 shows, for the geographic divisions and for each state, the number of manufacturing establishments operated by corporations in 1909 and 1904, and the percentage which they represent of the entire number of establishments;

also the value of the manufactured products made in establishments under corporate ownership, and the percentage which this represents of the total value. The figures as to total value for each of the states, on which the percentages are based, will be found in Table 111.



Table 22

Table 22  DIVISION AND STATE.	NUMBER OF ESTABLISHMENTS.						VALUE OF PRODUCTS OF ESTABLISHMENTS OPERATED BY CORPORATIONS.			
	Total.		Operated by corporations.				Amount.		Per cent of total.	
			Number.		Per cent of total.					
		1909	1904	1909	1904	1909	1904	1909	1904	1909
United States .....	268,491	216,180	69,501	51,097	25.9	23.6	\$16,341,116,634	\$10,904,069,307	79.0	73.7
GEOGRAPHIC DIVISIONS:										
New England.....	25,351	22,279	7,300	5,572	28.8	25.0	2,173,070,500	1,509,457,541	81.4	74.5
Middle Atlantic.....	81,315	67,699	17,785	12,460	21.9	18.4	5,133,389,739	3,417,242,344	71.9	65.5
East North Central.....	60,013	51,754	17,755	14,093	29.6	27.2	4,434,329,994	2,913,000,832	85.1	80.8
West North Central.....	27,171	21,492	6,649	4,816	24.5	22.4	1,513,583,331	1,044,005,587	83.9	81.3
South Atlantic.....	28,088	19,564	6,765	4,820	24.1	24.7	1,059,302,614	701,534,357	76.7	72.0
East South Central.....	15,381	10,311	3,558	2,672	23.1	25.9	494,623,131	349,227,144	78.5	75.2
West South Central.....	12,339	8,279	3,403	2,298	27.6	27.8	509,339,325	315,236,430	81.4	75.9
Mountain.....	5,254	3,610	1,743	1,114	33.3	30.9	328,652,051	230,401,412	90.3	90.5
Pacific.....	13,579	11,192	4,543	3,252	33.5	29.1	695,018,111	423,992,759	82.4	76.9
NEW ENGLAND:										
Maine.....	3,546	3,145	861	671	24.3	21.3	136,156,275	101,575,154	77.3	70.5
New Hampshire.....	1,961	1,618	424	338	21.6	20.9	126,642,602	88,159,093	76.9	71.3
Vermont.....	1,958	1,099	372	309	19.0	18.2	42,641,046	36,373,592	62.4	57.7
Massachusetts.....	11,684	10,723	3,483	2,555	29.8	23.8	1,182,935,652	810,543,002	79.4	72.1
Rhode Island.....	1,951	1,617	659	512	33.8	31.7	243,426,998	158,322,601	86.8	78.3
Connecticut.....	4,251	3,477	1,501	1,187	35.3	34.1	441,267,987	314,484,099	90.0	85.2
MIDDLE ATLANTIC:										
New York.....	44,935	37,194	9,345	6,086	20.8	16.4	2,108,026,670	1,396,924,211	62.6	56.1
New Jersey.....	8,817	7,010	2,560	1,834	29.0	26.2	971,904,531	617,236,276	84.8	79.7
Pennsylvania.....	27,563	23,495	5,880	4,540	21.3	19.3	2,053,458,538	1,403,081,857	78.2	71.7
EAST NORTH CENTRAL:										
Ohio.....	15,138	13,785	5,123	4,008	33.8	29.1	1,249,778,444	777,392,416	86.9	80.9
Indiana.....	7,969	7,044	2,363	1,915	29.7	27.2	495,570,090	317,481,228	85.6	80.6
Illinois.....	18,026	14,921	5,209	4,145	28.9	27.8	1,646,518,916	1,179,028,840	85.8	83.6
Michigan.....	9,159	7,446	2,638	2,044	28.8	27.4	571,102,107	328,185,756	83.4	76.5
Wisconsin.....	9,721	8,558	2,422	1,981	24.9	23.1	471,360,437	310,912,592	79.8	75.6
WEST NORTH CENTRAL:										
Minnesota.....	5,561	4,756	1,326	922	23.8	19.4	330,924,567	234,013,794	80.8	76.0
Iowa.....	5,528	4,785	1,317	1,041	23.8	21.8	189,182,389	116,246,585	73.0	72.4
Missouri.....	8,375	6,464	2,447	1,847	29.2	28.6	508,761,173	379,405,293	88.6	86.3
North Dakota.....	752	507	133	81	17.7	16.0	13,586,098	5,146,817	71.0	50.4
South Dakota.....	1,020	686	216	112	21.2	16.3	9,870,131	6,003,547	55.2	45.9
Nebraska.....	2,500	1,819	487	359	19.5	19.7	175,621,402	138,623,975	88.2	89.5
Kansas.....	3,435	2,475	723	454	21.0	18.3	285,637,061	164,565,576	87.9	83.0
SOUTH ATLANTIC:										
Delaware.....	726	631	202	160	27.8	25.0	36,071,988	28,921,912	68.3	70.3
Maryland.....	4,837	3,852	873	650	18.0	16.9	207,102,289	147,744,248	65.6	60.7
District of Columbia.....	518	482	122	91	23.6	18.9	16,544,835	10,150,928	65.4	55.3
Virginia.....	5,685	3,187	1,099	702	19.3	22.0	163,780,071	109,546,390	74.5	73.6
West Virginia.....	2,586	2,109	813	638	31.4	30.3	140,385,264	78,951,053	86.7	79.7
North Carolina.....	4,931	3,272	1,339	879	27.2	26.9	182,140,664	113,510,110	84.1	79.6
South Carolina.....	1,854	1,399	564	464	30.4	33.2	102,403,671	70,493,378	90.4	88.8
Georgia.....	4,792	3,219	1,252	931	26.1	28.9	165,057,980	114,976,572	81.4	76.1
Florida.....	2,159	1,413	501	308	23.2	21.7	45,815,852	27,239,766	62.9	54.2
EAST SOUTH CENTRAL:										
Kentucky.....	4,776	3,734	1,147	862	24.0	23.1	178,650,245	117,046,726	79.8	73.3
Tennessee.....	4,609	3,175	1,068	785	23.2	24.7	133,750,538	97,285,799	74.2	70.5
Alabama.....	3,398	1,882	788	578	23.2	30.7	123,502,394	92,725,327	84.6	84.9
Mississippi.....	2,898	1,520	555	447	21.4	29.4	58,719,954	42,169,292	72.9	73.4
WEST SOUTH CENTRAL:										
Arkansas.....	2,925	1,907	640	518	21.9	27.2	55,585,992	38,724,917	74.2	71.9
Louisiana.....	2,516	2,091	910	700	36.2	33.5	183,303,633	138,977,223	81.8	74.6
Oklahoma.....	2,310	1,123	501	242	21.7	21.5	39,390,339	17,401,144	73.4	71.1
Texas.....	4,588	3,158	1,352	839	29.5	26.6	231,059,361	120,133,146	84.7	79.8
MOUNTAIN:										
Montana.....	677	382	203	118	30.0	30.9	68,458,197	63,369,703	93.4	95.4
Idaho.....	725	364	200	105	27.6	28.8	16,982,034	6,136,137	75.8	70.0
Wyoming.....	268	109	168	55	25.0	32.0	14,664,800	2,751,358	74.6	78.1
Colorado.....	2,034	1,606	698	478	34.3	29.8	116,991,543	89,377,091	90.0	89.2
New Mexico.....	313	199	196	53	30.4	25.6	16,253,689	4,645,600	79.2	81.4
Arizona.....	311	169	122	71	38.6	42.0	48,305,675	27,135,784	96.1	96.6
Utah.....	749	606	294	203	39.3	33.5	56,234,329	34,765,530	90.7	89.3
Nevada.....	177	115	70	34	37.3	29.6	10,761,784	2,220,209	90.5	71.7
PACIFIC:										
Washington.....	3,674	2,751	1,444	926	39.3	33.7	185,171,875	103,215,882	83.9	80.1
Oregon.....	2,246	1,602	640	409	28.5	25.5	70,781,269	40,034,288	76.1	72.1
California.....	7,659	6,839	2,459	1,917	32.1	28.0	439,064,967	280,742,589	82.9	76.5

<sup>1</sup> Includes establishments operated under other forms of ownership, to avoid disclosing individual operations. There were eight of these establishments in 1909 and seven in 1904 which were included in the total for geographic divisions but are not included in the total for the United States.



Table 22 shows that in most of the states in 1909 the number of manufacturing establishments owned by corporations represented between one-fifth and one-third of the total number of manufacturing establishments. Vermont, North Dakota, Nebraska, Maryland, and Virginia were the only states in which less than one-fifth of the establishments were owned by corporations, and Rhode Island, Connecticut, Ohio, Louisiana, and five states in the western part of the country were the only ones in which over one-third were under this form of ownership. In a large majority of the states the proportion of establishments operated by corporations was larger in 1909 than in 1904, the exceptions being Nebraska, Virginia, South Carolina, Georgia, Tennessee, Alabama, Mississippi, Arkansas, Montana, Idaho, Wyoming, and Arizona.

In most of the states between three-fifths and nine-tenths of the total value of manufactured products in 1909 was reported by establishments under corporate

ownership. The only state in which the proportion was less than three-fifths was South Dakota, while in Connecticut, South Carolina, Montana, Colorado, Arizona, Utah, and Nevada the proportion was nine-tenths or more. Among the great manufacturing states, New York is conspicuous for the comparatively small proportion, 62.6 per cent, of the value of its products contributed by this class of establishments. In almost every state a larger percentage of the total value of products was reported by such establishments in 1909 than in 1904, thus indicating that the tendency toward the incorporation of manufacturing concerns, particularly the larger concerns, is general and to a considerable degree independent of variations in state legislation regarding corporations. The only states in which the proportion of the total value produced by corporations was less in 1909 than in 1904 are Nebraska, Delaware, Alabama, Mississippi, Montana, Wyoming, New Mexico, and Arizona, and the difference in each case was slight.

### SIZE OF ESTABLISHMENTS.

**Summary for United States.**—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is a matter of interest from the standpoint of industrial organization. In order to throw some light upon it, Table 23 groups the establishments in all industries combined according to the value of their products, and shows for each group, for 1909 and 1904, the number of wage earners, value of products, and value added by manufacture, together with the percentage of the respective totals represented by each group. It also gives the average size of establishments as measured by these three items; the changes in this average are, however, much less significant than the changes in the percentages for the several groups.

Of the 268,491 establishments reported as engaged in manufacturing industries in 1909, there were 3,060, or 1.1 per cent, whose products were valued at more than \$1,000,000 each. The corresponding figures for 1904 were 1,900 establishments out of 216,180, or nine-tenths of 1 per cent. While these establishments represented a comparatively small proportion of the total number of establishments, they gave employment to a much larger proportion of all the wage earners reported, namely, 30.5 per cent in 1909 and 25.6 per cent in 1904. The value of products of such establishments represented 43.8 per cent of the total value of products in 1909 and 38 per cent in 1904.

The figures indicate that establishments of this class produced a considerably larger proportion of the manufactures of the country in 1909 than in 1904. It should be noted that the increased proportion is due partly to the fact that certain establishments included in the other groups in 1904 were included in this group in 1909 as the result of an increase in the value of their output.

Table 23 VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
<b>All classes:</b>				
1909.....	268,491	6,615,046	\$20,672,051,870	\$5,529,260,992
1904.....	216,180	5,468,383	14,793,902,563	6,293,694,753
<b>Less than \$5,000:</b>				
1909.....	93,349	142,430	222,463,847	144,246,008
1904.....	71,147	106,353	176,128,212	114,781,124
<b>\$5,000 and less than \$20,000:</b>				
1909.....	86,988	470,006	904,645,664	509,907,934
1904.....	72,791	419,466	751,047,759	424,129,643
<b>\$20,000 and less than \$100,000:</b>				
1909.....	57,270	1,090,449	2,544,426,711	1,258,317,991
1904.....	48,096	1,027,047	2,129,257,883	1,090,271,887
<b>\$100,000 and less than \$1,000,000:</b>				
1909.....	27,824	2,896,532	7,946,935,255	3,572,746,038
1904.....	22,246	2,515,064	6,109,012,538	2,782,641,883
<b>\$1,000,000 and over:</b>				
1909.....	3,060	2,015,629	9,053,580,393	3,044,043,021
1904.....	1,900	1,400,453	5,628,456,171	1,881,870,216
<b>Per cent of total:</b>				
1909.....	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0
<b>Less than \$5,000:</b>				
1909.....	34.8	2.2	1.1	1.7
1904.....	32.9	1.9	1.2	1.8
<b>\$5,000 and less than \$20,000:</b>				
1909.....	32.4	7.1	4.4	6.0
1904.....	33.7	7.7	5.1	6.7
<b>\$20,000 and less than \$100,000:</b>				
1909.....	21.3	16.5	12.3	14.8
1904.....	22.2	18.8	14.4	17.3
<b>\$100,000 and less than \$1,000,000:</b>				
1909.....	10.4	43.8	38.4	41.9
1904.....	10.3	46.0	41.3	44.2
<b>\$1,000,000 and over:</b>				
1909.....	1.1	30.5	43.8	35.7
1904.....	0.9	25.6	38.0	29.9
<b>Average per establishment:</b>				
1909.....		25	\$76,993	\$31,767
1904.....		25	68,433	29,113

In 1909 establishments with a product valued between \$100,000 and \$1,000,000, gave employment to 43.8 per cent of the wage earners, and the value of their products formed 38.4 per cent of the total. Establishments with a product valued between \$20,000 and \$100,000 gave employment to about one-sixth of the wage earners, and the value of their products formed about one-eighth of the total. The establishments which



had a product valued between \$5,000 and \$20,000, constituted about one-third of the whole number, but gave employment to only 7.1 per cent of the wage earners, and the value of their products formed only 4.4 per cent of the total. Establishments that had a product in 1909 valued at less than \$5,000 also formed about one-third of the total number, but they gave employment to only 2.2 per cent of the wage earners and turned out products whose value amounted to only 1.1 per cent of the total. In this class of establishments a large proportion of the work was done by the proprietors and firm members.

Of the five classes designated, the class of establishments with products valued at \$1,000,000 or over is the only one that reported a larger proportion of the total value of products in 1909 than in 1904, every other class having lost relatively. The same statement is true as to the number of wage earners, except that the establishments of smallest size, as well as those of largest size, have gained somewhat in their proportion of the total number employed.

During the five years 1904-1909 the average value of products per establishment increased from \$68,433 to \$76,993, and the average value added by manufacture from \$29,113 to \$31,767. These changes can scarcely be taken as in themselves indicating a tendency toward concentration, as the increased values shown are due in part to the increase that has taken place in the prices of commodities. The average number of wage earners per establishment was the same at the two censuses, namely, 25.

**Relative importance of large establishments in the principal industries: 1909 and 1904.**—The following table shows for the principal industries of the United States, for 1909 and 1904, the number of establishments manufacturing products to the value of \$1,000,000 or more, and the percentage which such establishments represent of the total number of establishments; also the value of products made by establishments of this class and the proportion which that value represents of the total for all establishments in the industry.

Table 24  INDUSTRY.	NUMBER OF ESTABLISHMENTS.						VALUE OF PRODUCTS OF ESTABLISHMENTS REPORTING PRODUCTS VALUED AT \$1,000,000 OR OVER.			
	Total.		Reporting products valued at \$1,000,000 or over.				Amount.		Per cent of total.	
			Number.		Per cent of total.					
	1909	1904	1909	1904	1909	1904	1909	1904	1909	1904
All industries.....	268,491	216,180	3,060	1,900	1.1	0.9	\$9,053,580,393	\$5,638,456,171	43.8	38.0
Agricultural implements.....	640	648	34	27	5.3	4.2	94,138,206	58,479,820	64.3	52.2
Automobiles, including bodies and parts.....	743	178	56	10	7.5	5.6	170,386,862	13,995,669	68.4	46.6
Boots and shoes, including cut stock and findings.....	1,918	1,895	135	162	7.0	3.3	244,547,642	119,079,802	47.7	33.3
Brass and bronze products.....	1,021	813	24	17	2.4	2.1	85,947,143	51,736,503	57.3	50.5
Bread and other bakery products.....	23,926	18,226	21	14	0.1	0.1	36,385,586	23,083,467	9.2	8.6
Butter, cheese, and condensed milk.....	8,479	8,926	9	(1)	0.1	.....	11,933,853	(1)	4.3	.....
Canning and preserving.....	3,767	3,168	13	4	0.3	0.1	23,468,494	5,627,911	14.9	4.3
Carriages and wagons and materials.....	5,492	5,588	13	8	0.2	0.1	23,926,135	13,957,216	15.0	9.0
Cars and general shop construction and repairs by steam- railroad companies.....	1,145	1,140	94	68	8.2	6.0	189,111,816	125,671,900	46.6	40.6
Cars, steam-railroad, not including operations of railroad com- panies.....	110	73	25	25	22.7	34.2	99,841,717	98,706,346	80.7	88.8
Chemicals.....	349	275	31	18	8.9	6.5	70,806,560	36,296,917	60.2	48.3
Clothing, men's, including shirts.....	6,354	5,145	84	58	1.3	1.1	167,971,252	101,380,521	29.6	24.9
Clothing, women's.....	4,558	3,351	22	11	0.5	0.3	30,612,144	14,037,712	8.0	5.7
Confectionery.....	1,944	1,348	12	5	0.6	0.4	18,998,220	7,733,842	14.1	8.9
Copper, tin, and sheet-iron products.....	4,228	2,540	27	15	0.6	0.6	44,988,549	25,257,976	22.5	21.1
Cotton goods, including cotton small wares.....	1,324	1,154	163	99	12.3	8.6	332,345,643	197,884,132	52.9	43.9
Electrical machinery, apparatus, and supplies.....	1,009	784	31	22	3.1	2.8	126,375,340	85,154,294	57.1	60.5
Flour-mill and gristmill products.....	11,691	10,051	138	87	1.2	0.9	319,047,659	202,952,454	36.1	28.5
Foundry and machine-shop products.....	13,253	10,765	180	111	1.4	1.0	356,015,899	193,749,471	29.0	22.0
Furniture and refrigerators.....	3,155	2,593	11	8	0.3	0.3	20,070,913	12,523,557	8.4	7.0
Gas, illuminating and heating.....	1,296	1,019	28	24	2.2	2.4	96,395,457	73,898,211	57.8	59.0
Hosiery and knit goods.....	1,374	1,144	25	11	1.8	1.0	37,125,550	15,018,710	18.5	11.0
Iron and steel, blast furnaces.....	208	190	86	49	41.3	25.8	335,992,823	173,321,243	85.8	74.8
Iron and steel, steel works and rolling mills.....	446	415	186	131	41.7	31.6	896,764,339	570,175,787	91.0	84.6
Leather, tanned, curried, and finished.....	919	1,049	78	48	8.5	4.6	157,911,458	91,557,225	48.2	36.2
Liquors, distilled.....	613	805	39	22	6.4	2.7	148,433,755	101,537,912	72.5	77.4
Liquors, malt.....	1,414	1,530	67	46	4.7	3.0	138,046,347	84,069,197	36.8	28.2
Lumber and timber products.....	40,671	25,153	72	26	0.2	0.1	103,756,410	35,550,164	9.0	4.0
Oil, cottonseed, and cake.....	817	715	17	9	2.1	1.3	35,974,829	21,351,063	24.3	22.1
Paint and varnish.....	791	639	26	16	3.3	2.5	44,109,139	29,873,089	35.3	32.9
Paper and wood pulp.....	777	761	50	30	6.4	3.9	93,580,398	47,301,705	35.0	25.1
Patent medicines and compounds and druggists' preparations.....	3,642	2,777	19	14	0.5	0.5	33,632,561	26,851,722	23.7	22.9
Petroleum, refining.....	147	98	35	19	23.8	19.4	208,671,648	154,549,485	88.0	88.3
Printing and publishing.....	31,445	27,793	74	43	0.2	0.2	137,082,261	82,419,052	18.6	14.9
Silk and silk goods, including throwsters.....	852	624	37	23	4.3	3.7	68,579,806	39,778,944	34.8	29.8
Slaughtering and meat packing.....	1,641	1,221	166	110	10.1	9.0	1,176,461,413	773,222,035	85.8	83.9
Smelting and refining, copper.....	38	40	32	31	84.2	77.5	375,135,093	238,328,190	99.0	99.0
Smelting and refining, lead.....	28	32	21	18	75.0	56.2	166,045,144	181,011,667	99.2	97.4
Tobacco manufactures.....	15,822	16,827	64	43	0.4	0.3	203,894,122	123,000,821	48.9	37.1
Woolen, worsted, and felt goods, and wool hats.....	985	1,074	86	63	8.7	5.9	248,343,985	135,993,881	57.0	42.6
All other industries.....	69,459	53,613	729	455	1.0	0.8	1,880,724,222	1,242,336,558	37.2	33.9

<sup>1</sup> The statistics for three establishments omitted, to avoid the disclosure of individual operations.

<sup>2</sup> The statistics for two establishments omitted, to avoid the disclosure of individual operations.

<sup>3</sup> The statistics for one establishment omitted, to avoid the disclosure of individual operations.



The total value of products for each industry as a whole, from which the percentages in the last two columns are calculated, appears in Table 110. Three important industries, the manufacture of leather goods, marble and stone work, and sugar and molasses, are not shown in the table in order to avoid the disclosure of individual operations.

While the gross value of products is in some respects not the best criterion of the relative importance of different industries or of different states or sections in respect to manufacturing business, it is a fairly satisfactory standard for comparing different classes of establishments within the same industry. Table 24 shows, as might be expected, exceedingly wide variation among the different industries in respect to the proportion of large establishments, and in respect to the proportion of the total value of products which is reported by such establishments. The industry in which establishments reporting products to the value of \$1,000,000 or more constitute the largest proportion of the total number of establishments is the smelting and refining of copper, followed, in order, by the smelting and refining of lead, steel works and rolling mills, blast furnaces, the refining of petroleum, and the construction of steam-railroad cars. In each of these industries in 1909 establishments of this class constituted more than one-fifth of the total number, and in the smelting and refining of copper they constituted about five-sixths of the total. In these industries, moreover, establishments of this size reported exceptionally high proportions of the total value of products. The smelting and refining of lead and of copper ranked highest in this respect, with 99.2 and 99 per cent, respectively, of the total value of products reported by establishments with a value of products above \$1,000,000. The slaughtering and meat-packing industry, also, though its proportion of large establishments is not conspicuously high, shows a very high proportion of the total value of products, 85.8 per cent, reported from such establishments.

On the other hand, there are a number of industries in which the smaller establishments predominate and in which only a very small proportion of the total value of products is contributed by establishments manufacturing products to the value of \$1,000,000 or more. In the bakery, butter, cheese, and condensed-milk, women's clothing, furniture, and lumber industries the proportion of the total value of products reported by such establishments is less than 10 per cent, and there are several other industries of importance in which the proportion is less than 20 per cent.

In practically every industry named in the table the number of establishments manufacturing products to the value of \$1,000,000 or more increased materially

from 1904 to 1909, and constituted a larger proportion of the total number of establishments in the later year than in the earlier. In the same way the value of the products of such establishments in nearly every industry constituted a larger proportion of the total value in 1909 than in 1904, the only exceptions being in the manufacture of electrical machinery, apparatus, and supplies, the construction of railroad cars, the illuminating-gas industry, the distillery industry, and the refining of petroleum.

**Relative importance of large establishments, by states: 1909 and 1904.**—Table 25 presents, by states grouped according to geographic divisions, statistics showing the relative importance of the establishments having a product valued at \$1,000,000 or over for the census years 1909 and 1904. Certain states are not shown separately, as to do so would disclose individual operations.

The differences among the several states with respect to the extent to which manufacturing is carried on in large establishments are dependent in part upon the character of the industries predominant in each state. It also depends in part upon the degree to which those industries have been developed; in those states in which manufactures are extensive the large establishments are likely, other conditions being equal, to do a greater proportion of the manufacturing than in states where manufactures are relatively unimportant.

The state in which establishments manufacturing products to the value of \$1,000,000 or more represented the largest proportion of the total number of establishments in 1909 was Rhode Island, with 3.5 per cent, followed by Arizona and Massachusetts, in the order named. The proportion in New York, the leading manufacturing state, was comparatively low, 1 per cent. There are several states in which such establishments represented only a small fraction of 1 per cent of the total number.

In most of the states the large establishments contributed a very considerable proportion of the entire value of manufactured products. The state in which this proportion was the highest in 1909 is Arizona, with 84.1 per cent, followed by Nebraska, Montana, Kansas, New Jersey, Illinois, Utah, and Pennsylvania, in each of which states the products of establishments of this class represented more than one-half of the total value. The predominance of the smelting and refining of copper and lead in the Mountain states named, of the slaughtering and meat-packing industry in Kansas and Nebraska, of the slaughtering and the iron and steel industries in Illinois, of the iron and steel industry in Pennsylvania, and of the smelting and refining of copper and the refining of petroleum in New Jersey serve in a large measure to explain these high



percentages. In New York, the most important manufacturing state, 37 per cent of the total value of products was reported by establishments of the class under consideration, this comparatively low percentage being the result in part of the great magnitude in that state

of the clothing industries, which are mostly conducted in small establishments. Of the states given in the table those in which the proportion of the total value of products reported by large establishments is less than 10 per cent are Oklahoma, Arkansas, and Florida.

Table 25

Table 25  STATE.	NUMBER OF ESTABLISHMENTS.						VALUE OF PRODUCTS OF ESTABLISHMENTS REPORTING PRODUCTS VALUED AT \$1,000,000 OR OVER.			
	Total.		Reporting products valued at \$1,000,000 or over.				Amount.		Per cent of total.	
			Number.		Per cent of total.					
	1909	1904	1909	1904	1909	1904	1909	1904	1909	1904
United States.....	268,491	216,180	3,060	1,900	1.1	0.9	\$9,053,580,393	\$5,628,456,171	43.8	38.0
NEW ENGLAND:										
Maine.....	3,546	3,145	25	17	0.7	0.5	57,250,905	32,815,822	32.5	22.8
New Hampshire.....	1,961	1,618	34	20	1.7	1.2	80,784,016	45,369,594	49.1	36.7
Vermont.....	1,958	1,609	4	6	0.2	0.4	7,195,281	8,475,059	10.5	13.4
Massachusetts.....	11,684	10,723	293	191	2.5	1.8	719,811,362	458,142,511	48.3	40.8
Rhode Island.....	1,951	1,617	69	41	3.5	2.5	135,285,205	80,055,916	48.3	39.6
Connecticut.....	4,251	3,477	93	65	2.2	1.9	241,562,058	157,691,418	49.3	42.7
MIDDLE ATLANTIC:										
New York.....	44,935	37,194	470	294	1.0	0.8	1,245,968,072	816,099,837	37.0	32.8
New Jersey.....	8,817	7,010	194	121	2.2	1.7	649,848,742	384,853,547	56.7	49.7
Pennsylvania.....	27,563	23,495	400	284	1.5	1.2	1,331,111,312	901,539,525	50.7	46.1
EAST NORTH CENTRAL:										
Ohio.....	15,138	13,785	245	136	1.6	1.0	666,243,771	331,726,477	46.3	34.5
Indiana.....	7,909	7,044	92	45	1.2	0.6	272,679,094	134,974,371	47.1	34.3
Illinois.....	18,026	14,921	273	168	1.5	1.1	1,078,746,101	755,157,389	56.2	53.5
Michigan.....	9,159	7,446	88	41	1.0	0.6	258,341,090	100,138,409	37.7	23.3
Wisconsin.....	9,721	8,558	86	58	0.9	0.7	228,084,707	124,948,292	38.6	30.4
WEST NORTH CENTRAL:										
Minnesota.....	5,561	4,756	65	39	1.2	0.8	198,507,729	132,541,419	48.5	43.1
Iowa.....	5,328	4,785	29	11	0.5	0.2	95,585,315	41,089,284	36.9	25.6
Missouri.....	8,375	6,464	94	68	1.1	1.1	271,595,930	189,330,754	47.3	43.1
Nebraska.....	2,500	1,819	17	9	0.7	0.5	137,133,162	110,013,438	68.9	71.0
Kansas.....	3,435	2,475	34	21	1.0	0.8	204,385,280	114,177,287	62.9	57.6
SOUTH ATLANTIC:										
Delaware.....	726	631	7	9	1.0	1.4	16,892,803	13,711,604	32.0	33.3
Maryland.....	4,837	3,852	41	34	0.8	0.9	124,586,041	95,606,842	39.5	39.3
District of Columbia.....	518	482	3	(1)	0.6	.....	5,012,734	(1)	19.8	.....
Virginia.....	5,685	3,187	26	15	0.5	0.5	59,124,982	34,071,439	26.9	22.9
West Virginia.....	2,586	2,109	33	14	1.3	0.7	62,481,895	25,154,989	38.6	25.4
North Carolina.....	4,931	3,272	22	9	0.4	0.3	58,668,316	30,411,650	27.1	21.3
South Carolina.....	1,854	1,399	17	13	0.9	0.9	24,887,094	17,817,006	22.0	22.4
Georgia.....	4,792	3,219	18	10	0.4	0.3	34,054,085	20,664,194	16.8	13.7
Florida.....	2,159	1,413	4	.....	0.2	.....	4,456,669	.....	6.1	.....
EAST SOUTH CENTRAL:										
Kentucky.....	4,776	3,734	29	17	0.6	0.5	62,164,920	38,590,336	27.8	24.2
Tennessee.....	4,609	3,175	17	11	0.4	0.3	30,567,045	18,796,261	17.0	13.6
Alabama.....	3,398	1,882	22	14	0.6	0.7	42,048,999	25,070,580	28.8	23.0
WEST SOUTH CENTRAL:										
Arkansas.....	2,925	1,907	4	(1)	0.1	.....	5,443,573	(1)	7.3	.....
Louisiana.....	2,516	2,091	23	13	0.9	0.6	75,417,505	54,118,186	33.7	29.0
Oklahoma.....	2,310	1,123	4	.....	0.2	.....	4,884,270	.....	9.1	.....
Texas.....	4,588	3,158	36	17	0.8	0.5	102,054,306	39,030,054	37.4	25.9
MOUNTAIN:										
Montana.....	677	382	6	6	0.9	1.6	49,871,216	52,545,498	68.1	79.1
Colorado.....	2,034	1,606	20	16	1.0	1.0	58,645,700	50,670,463	45.1	50.6
Arizona.....	311	169	9	7	2.9	4.1	42,276,901	22,761,981	84.1	81.0
Utah.....	749	606	7	5	0.9	0.8	33,100,176	20,978,066	53.4	53.9
PACIFIC:										
Washington.....	3,674	2,751	20	12	0.5	0.5	42,379,727	28,001,570	19.2	21.7
Oregon.....	2,246	1,602	8	5	0.4	0.3	14,398,817	7,873,317	15.5	14.2
California.....	7,639	6,839	71	31	0.9	0.5	202,103,929	105,272,449	38.2	28.7
All other states <sup>1</sup> .....	5,853	3,560	8	6	0.1	0.2	17,938,938	8,162,677	10.8	8.0

<sup>1</sup> Excluded to avoid disclosures of individual establishments, but included in the total for the United States.

<sup>2</sup> All other states embrace Idaho, Mississippi, Nevada, North Dakota, and Wyoming in 1909 and Arkansas, District of Columbia, Mississippi, and New Mexico in 1904.

In a large majority of the states, establishments manufacturing products to the value of \$1,000,000 or more represented a larger proportion of the total number of establishments in 1909 than in 1904, and reported a larger proportion of the total value of

products in the later year than in the earlier. The only states where this was not true with respect to the value of products are Vermont, Delaware, South Carolina, Nebraska, Montana, Colorado, Utah, and Washington.



Establishments grouped according to number of wage earners: 1909.—In some respects, and especially from the standpoint of conditions under which persons engaged in manufactures work, the best classification of establishments to bring out the feature of size is a classification according to the number of wage earners employed, which is shown by Table 26.

Table 26

ESTABLISHMENTS EMPLOYING—	ESTABLISHMENTS, WAGE EARNERS, AND PER CENT OF TOTAL.			
	Number of establishments.	Average number of wage earners.	Per cent of total.	
			Establishments.	Wage earners.
Total.....	268,491	6,615,046	100.0	100.0
No wage earners.....	27,712	.....	10.3	.....
1 to 5 wage earners.....	136,289	311,704	50.8	4.7
6 to 20 wage earners.....	57,198	640,793	21.3	9.7
21 to 50 wage earners.....	23,544	764,408	8.8	11.6
51 to 100 wage earners.....	10,964	782,298	4.1	11.8
101 to 250 wage earners.....	8,116	1,258,639	3.0	19.0
251 to 500 wage earners.....	2,905	1,006,457	1.1	15.2
501 to 1,000 wage earners.....	1,223	837,473	0.5	12.7
Over 1,000 wage earners.....	540	1,013,274	0.2	15.3

Of the 268,491 establishments reported for all industries, 10.3 per cent employed no wage earners; 50.8 per cent, from 1 to 5; 21.3 per cent, 6 to 20; and 8.8 per cent, 21 to 50. The most numerous single group consists of the 136,289 establishments employing from 1 to 5 wage earners, and the next of the 57,198 establishments employing from 6 to 20 wage earners. There were 4,668 establishments that reported the employment of over 250 wage earners; 540 of these employed over 1,000.

The single group having the largest number of wage earners was the group comprising the establishments employing from 101 to 250. This group employed 1,258,639 wage earners, or 19 per cent of the total number.

Table 27 shows, for 1909, for all industries combined and for 43 industries individually the number of establishments and average number of wage earners, by groups, and the percentage of wage earners in each group for these industries.

Table 27

INDUSTRY.	ESTABLISHMENTS EMPLOYING—														Per cent wage earners in establishments employing specified number form of total.			
	Total.		No wage earners.		1 to 20 wage earners.		21 to 100 wage earners.		101 to 500 wage earners.		Over 500 wage earners.				1 to 20 wage earners.	21 to 100 wage earners.	101 to 500 wage earners.	Over 500 wage earners.
	Establishments.	Wage earners (average number).	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.				
All industries.....	268,491	6,615,046	27,712	193,487	952,497	34,508	1,546,706	11,021	2,265,096	1,763	1,850,747	14.4	23.4	34.2	28.0			
Agricultural implements.....	640	50,551	40	372	2,067	133	6,406	77	17,902	18	24,176	4.1	12.7	35.4	47.8			
Automobiles, including bodies and parts.....	743	75,721	12	393	2,716	195	9,483	108	23,768	35	39,754	3.6	12.5	31.3	52.5			
Boots and shoes, including cut stock and findings.....	1,918	198,297	49	839	6,176	538	27,268	414	97,691	78	67,162	3.1	18.8	49.2	33.9			
Brass and bronze products.....	1,021	40,618	56	717	4,421	174	7,416	61	12,422	13	16,359	10.9	18.2	30.6	40.2			
Bread and other bakery products.....	23,926	100,216	3,643	19,751	60,112	426	17,977	101	17,880	5	4,247	59.9	17.9	17.9	4.2			
Butter, cheese, and condensed milk.....	8,479	18,431	1,025	7,332	12,634	115	4,852	7	945	.....	.....	68.5	26.3	5.1	.....			
Canning and preserving.....	3,767	59,968	92	3,015	17,675	571	24,519	96	15,459	3	2,415	29.3	40.9	25.8	4.0			
Carriages and wagons and materials.....	5,492	69,928	440	4,462	23,141	484	21,765	98	17,729	8	7,293	33.1	31.1	25.3	10.4			
Cars and general shop construction and repairs by steam-railroad companies.....	1,145	282,174	.....	251	2,409	310	16,841	418	101,068	166	161,856	0.9	6.0	35.8	57.4			
Cars, steam-railroad, not including operations of railroad companies.....	110	43,086	1	12	130	36	1,886	39	9,669	22	31,401	0.3	4.4	22.5	72.8			
Chemicals.....	349	23,714	11	203	1,432	88	4,004	36	8,626	11	9,652	6.1	16.9	36.4	40.7			
Clothing, men's, including shirts.....	6,354	239,696	191	3,713	33,185	2,045	85,702	353	70,846	52	49,963	13.8	35.7	29.5	20.8			
Clothing, women's.....	4,558	153,743	68	2,438	23,813	1,754	74,965	292	51,014	6	3,951	15.5	48.7	33.1	2.6			
Confectionery.....	1,944	44,638	136	1,376	7,194	313	14,547	115	20,145	4	2,732	16.2	32.6	45.1	6.2			
Copper, tin, and sheet-iron products.....	4,228	73,615	183	3,498	17,635	407	16,962	124	26,931	16	12,087	23.9	23.1	36.6	16.4			
Cotton goods, including cotton small wares.....	1,324	378,880	3	139	1,418	405	22,851	573	135,735	204	218,876	0.3	6.0	35.9	57.7			
Electrical machinery, apparatus, and supplies.....	1,009	87,256	22	607	3,988	243	11,357	117	23,885	20	48,026	4.5	13.0	27.4	55.0			
Flour-mill and gristmill products.....	11,691	39,453	1,849	9,587	26,023	239	9,326	13	2,124	3	1,980	65.9	23.6	5.4	5.0			
Foundry and machine-shop products.....	13,253	531,011	639	8,561	54,963	2,902	133,613	1,009	203,427	142	139,008	10.3	25.2	38.3	26.1			
Furniture and refrigerators.....	3,155	128,452	95	1,655	11,569	1,106	53,607	287	53,458	12	9,818	9.0	41.8	41.6	7.6			
Gas, illuminating and heating.....	1,296	37,215	108	939	4,811	180	8,377	58	11,529	11	12,498	12.9	22.5	31.0	33.6			
Hosiery and knit goods.....	1,374	129,275	31	466	4,386	321	26,620	323	68,039	33	30,210	3.4	20.6	52.6	23.4			
Iron and steel, blast furnaces.....	208	38,429	.....	11	125	78	5,082	105	22,454	14	10,763	0.3	13.3	58.4	28.0			
Iron and steel, steel works and rolling mills.....	446	240,076	.....	26	287	94	5,683	187	49,965	139	184,141	0.1	2.4	20.8	76.7			
Leather goods.....	2,375	34,907	107	1,876	9,818	333	14,390	58	10,061	1	638	28.2	41.3	28.8	1.8			
Leather, tanned, curried, and finished.....	919	62,302	30	379	2,664	350	17,765	142	26,890	18	14,883	4.3	28.5	43.2	24.0			
Liquors, distilled.....	613	6,430	41	487	1,798	76	3,132	9	1,500	.....	.....	28.0	48.8	23.3	.....			
Liquors, malt.....	1,414	54,579	23	752	7,078	551	24,636	80	15,034	8	7,831	12.9	45.2	27.6	14.4			
Lumber and timber products.....	40,671	695,019	909	33,902	186,140	4,559	196,704	1,214	241,234	87	70,941	26.8	28.3	34.7	10.2			
Marble and stone work.....	4,964	65,603	264	4,010	19,630	595	24,955	92	17,176	3	3,822	30.0	38.0	26.2	5.8			
Oil, cottonseed, and cake.....	817	17,071	.....	511	5,703	301	10,772	5	596	.....	.....	33.4	63.1	3.5	.....			
Paint and varnish.....	791	14,240	38	602	3,073	117	5,139	33	5,397	1	631	21.5	36.1	37.9	4.4			
Paper and wood pulp.....	777	75,978	.....	193	2,231	352	17,849	215	43,930	17	11,968	2.9	23.4	57.9	15.8			
Patent medicines and compounds and druggists' preparations.....	3,642	22,895	1,051	2,396	8,193	165	6,757	27	4,971	3	2,974	35.8	29.5	21.7	13.0			
Petroleum, refining.....	147	13,929	.....	75	718	43	1,810	23	6,295	6	5,106	5.1	13.0	45.2	36.6			
Printing and publishing.....	31,445	258,434	6,940	22,254	93,683	1,877	79,316	344	63,240	30	22,195	36.3	30.7	24.4	8.6			
Silk and silk goods, including throwsters.....	852	99,037	3	243	2,512	335	17,604	243	52,830	28	26,091	2.6	17.8	53.3	26.4			
Slaughtering and meat packing.....	1,641	89,728	86	1,206	6,096	247	11,404	62	13,911	40	58,317	6.8	12.8	15.5	65.0			
Smelting and refining, copper.....	38	15,628	.....	.....	.....	7	453	19	4,343	12	10,832	.....	2.9	27.8	69.3			
Smelting and refining, lead.....	28	7,424	.....	5	56	3	167	16	4,940	4	2,261	0.7	2.2	66.5	30.5			
Sugar and molasses.....	214	4,127	.....	150	1,463	62	2,298	2	366	.....	.....	35.4	55.7	8.9	.....			
Tobacco manufactures.....	15,822	166,810	4,995	9,823	34,483	695	30,070	258	55,483	51	46,774	20.6	18.0	33.3	28.1			
Woolen, worsted, and felt goods, and wool hats.....	985	168,722	30	219	1,578	346	19,924	334	67,460	56	79,760	1.0	11.8	40.0	47.2			
All other industries.....	61,906	1,657,840	4,501	44,041	243,350	10,137	450,452	2,844	566,708	383	397,330	.....	.....	.....	.....			



In 17 of the 43 industries listed separately in the table, establishments employing from 1 to 100 wage earners reported more than one-half of the total number employed in each industry. In 5 of these industries, establishments employing from 101 to 500 wage earners reported more than one-half of the total number, while 8 establishments employing over 500 wage earners reported more than one-half of the total.

The highest proportion (76.7 per cent) of wage earners employed by establishments reporting an average of more than 500 was in the steel works and rolling mill branch of the iron and steel industry.

Table 28 shows, for 1909, for geographic divisions and states, the number of establishments and average number of wage earners, by groups, and the percentage of wage earners in each group, for these divisions and states.

Table 28	ESTABLISHMENTS EMPLOYING—																
	TOTAL.		No wage earners.	1 to 20 wage earners.		21 to 100 wage earners.		101 to 500 wage earners.		Over 500 wage earners.		Per cent wage earners in establishments employing specified number form of total.					
	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	1 to 20 wage earners.	21 to 100 wage earners.	101 to 500 wage earners.	Over 500 wage earners.		
United States.....	268,491	6,615,846	27,712	193,487	952,497	34,508	1,546,706	11,021	2,265,096	1,763	1,850,747	14.4	23.4	34.2	28.0		
GEOGRAPHIC DIVISIONS:																	
New England.....	25,351	1,101,290	2,132	17,116	91,068	4,012	183,104	1,699	393,839	392	463,279	8.3	16.6	33.0	42.1		
Middle Atlantic.....	81,315	2,207,747	8,918	55,764	291,378	12,427	556,007	3,632	742,393	574	617,969	13.2	25.1	33.6	28.0		
East North Central.....	60,013	1,513,764	7,274	42,252	192,201	7,411	340,201	2,647	540,595	429	440,767	12.7	22.5	35.7	29.1		
West North Central.....	27,171	374,337	3,667	20,787	78,209	2,051	90,275	574	117,981	92	87,872	20.9	24.1	31.5	23.5		
South Atlantic.....	28,088	663,015	1,609	21,271	118,935	3,854	169,759	1,135	231,455	159	142,866	18.0	25.6	34.9	21.5		
East South Central.....	15,381	261,772	911	12,270	62,682	1,710	74,579	447	89,188	43	35,323	28.9	28.5	34.0	13.5		
West South Central.....	12,339	204,520	1,028	9,645	49,180	1,262	53,546	373	74,471	31	27,323	24.1	26.2	36.5	13.3		
Mountain.....	5,254	75,435	677	4,079	16,775	360	16,232	119	25,988	19	16,440	22.3	21.5	34.4	21.8		
Pacific.....	13,579	213,166	1,436	10,303	52,069	1,421	63,003	395	79,186	24	18,908	24.4	29.5	37.1	8.9		
NEW ENGLAND:																	
Maine.....	3,546	79,955	298	2,716	12,363	387	18,190	123	25,207	22	24,195	15.5	22.8	31.6	30.2		
New Hampshire.....	1,961	78,658	158	1,409	7,201	256	11,326	114	24,621	24	35,510	9.1	14.4	31.3	45.1		
Vermont.....	1,958	33,788	131	1,514	7,023	255	10,343	55	11,852	3	4,570	20.7	30.6	35.1	13.5		
Massachusetts.....	11,684	584,559	943	7,548	43,134	2,109	95,989	867	185,876	217	259,560	7.3	16.4	31.8	44.4		
Rhode Island.....	1,951	113,538	158	1,196	7,046	359	17,352	195	45,366	43	43,774	6.2	15.3	39.9	38.5		
Connecticut.....	4,251	210,792	444	2,733	14,301	646	29,904	345	70,917	83	95,670	6.8	14.2	33.6	45.4		
MIDDLE ATLANTIC:																	
New York.....	44,935	1,003,981	4,667	31,323	169,732	7,107	307,812	1,637	321,531	201	204,906	16.9	30.7	32.1	20.4		
New Jersey.....	8,817	326,223	712	6,088	32,544	1,354	64,402	557	119,964	106	109,313	10.0	19.7	36.7	33.5		
Pennsylvania.....	27,563	877,543	3,539	18,353	89,102	3,966	183,793	1,438	300,898	267	303,750	10.1	21.0	34.2	34.6		
EAST NORTH CENTRAL:																	
Ohio.....	15,138	446,934	1,521	10,483	52,358	2,162	99,146	834	168,458	138	126,972	11.7	22.2	37.7	28.4		
Indiana.....	7,969	186,984	692	5,966	26,681	956	44,434	299	60,492	56	55,377	14.3	23.8	32.3	29.6		
Illinois.....	18,026	465,764	2,518	12,361	60,101	2,287	102,346	735	149,670	125	153,647	12.9	22.0	32.1	33.0		
Michigan.....	9,159	231,499	1,200	6,297	28,054	1,154	54,516	447	91,443	61	57,486	12.1	23.6	39.5	24.9		
Wisconsin.....	9,721	182,583	1,343	7,145	25,007	852	39,759	332	70,532	49	47,285	13.7	21.7	38.6	25.9		
WEST NORTH CENTRAL:																	
Minnesota.....	5,561	84,767	603	4,352	16,648	448	20,096	131	26,590	27	21,433	19.6	23.8	31.4	25.3		
Iowa.....	5,528	61,635	643	4,340	16,072	443	19,412	92	18,845	10	7,306	26.0	31.5	30.6	11.8		
Missouri.....	8,375	152,993	1,123	6,183	26,287	764	33,819	268	55,632	37	37,255	17.2	22.1	36.4	24.4		
North Dakota.....	752	2,789	125	601	1,610	24	932	2	247			57.7	33.4	8.9			
South Dakota.....	1,020	3,602	146	850	2,291	21	827	3	484			63.6	23.0	13.4			
Nebraska.....	2,500	24,336	481	1,869	6,295	121	5,358	23	4,989	6	7,694	25.9	22.0	20.5	31.6		
Kansas.....	3,435	44,215	546	2,592	9,006	230	9,831	55	11,194	12	14,184	20.4	22.3	25.3	32.1		
SOUTH ATLANTIC:																	
Delaware.....	726	21,238	46	534	3,222	101	4,216	38	6,807	7	6,993	15.1	19.9	32.1	32.9		
Maryland.....	4,837	107,921	504	3,538	18,629	596	26,209	169	34,176	30	28,847	17.2	24.3	31.7	26.7		
District of Columbia.....	518	7,707	75	351	1,937	83	3,665	8	1,547	1	558	25.1	47.5	20.1	7.2		
Virginia.....	5,685	105,676	270	4,689	25,491	562	25,570	138	27,112	26	27,903	24.2	24.1	25.7	26.1		
West Virginia.....	2,586	63,893	200	1,920	8,726	323	15,183	125	26,191	18	13,793	13.6	23.7	41.0	21.6		
North Carolina.....	4,931	121,473	171	3,852	21,027	654	30,288	232	47,013	22	23,145	17.3	25.0	38.7	19.0		
South Carolina.....	1,854	73,046	60	1,411	7,990	209	9,394	145	33,116	29	22,546	11.0	12.9	45.3	30.9		
Georgia.....	4,792	104,588	231	3,589	22,164	779	33,430	175	34,448	18	14,546	21.2	32.0	32.9	13.9		
Florida.....	2,159	57,473	112	1,387	9,749	547	21,744	105	21,045	8	4,935	16.9	37.8	36.6	8.6		
EAST SOUTH CENTRAL:																	
Kentucky.....	4,776	65,400	403	3,801	16,724	462	20,780	102	19,830	8	8,066	25.6	31.7	30.3	12.3		
Tennessee.....	4,609	73,840	306	3,679	18,617	471	21,271	143	26,348	10	7,604	25.2	28.8	35.7	10.3		
Alabama.....	3,398	72,148	131	2,714	14,877	411	17,698	127	26,505	15	13,068	20.6	24.5	36.8	18.1		
Mississippi.....	2,598	50,384	71	2,076	12,464	366	14,830	75	16,505	10	6,585	24.7	29.4	32.8	13.1		
WEST SOUTH CENTRAL:																	
Arkansas.....	2,925	44,982	169	2,368	12,493	308	12,843	73	14,087	7	5,559	27.8	28.6	31.3	12.3		
Louisiana.....	2,516	76,165	118	1,799	11,797	430	18,873	157	33,497	12	11,998	15.5	24.8	44.0	15.8		
Oklahoma.....	2,310	13,143	262	1,949	7,039	88	3,462	10	1,888	1	754	53.5	26.4	14.3	5.7		
Texas.....	4,588	70,230	479	3,529	17,851	436	18,368	133	24,999	11	9,012	25.4	26.1	35.6	12.9		
MOUNTAIN:																	
Montana.....	677	11,655	92	513	2,000	52	2,286	17	3,854	3	3,515	17.1	19.6	33.1	30.2		
Idaho.....	725	8,220	56	617	2,402	41	1,786	8	1,614	3	2,418	29.3	21.7	19.6	29.4		
Wyoming.....	268	2,867	40	216	603	3	164	8	1,347	1	753	21.0	5.7	47.0	26.3		
Colorado.....	2,634	28,067	325	1,511	6,859	147	6,942	48	10,887	3	3,379	24.4	24.8	38.8	12.1		
New Mexico.....	313	4,143	31	256	1,003	17	756	8	1,701	1	683	24.2	18.3	41.1	16.5		
Arizona.....	311	6,441	36	245	940	16	786	12	3,172	2	1,543	14.6	12.2	49.3	24.0		
Utah.....	749	11,785	74	582	2,478	71	2,825	17	2,970	5	3,512	21.0	24.0	25.2	29.8		
Nevada.....	177	2,257	23	139	490	13	687	1	443	1	637	21.7	30.5	19.6	28.2		
PACIFIC:																	
Washington.....	3,674	69,120	322	2,713	15,858	483	21,821	153	28,931	3	2,510	22.9	31.6	41.9	3.7		
Oregon.....	2,246	28,750	232	1,759	7,695	200	8,954	52	10,279	3	1,822	26.7	31.1	35.8	6.3		
California.....	7,659	115,296	882	5,831	28,516	738	32,228	190	39,976	18	14,576	24.7	27.9	34.6	12.7		



## DISTRIBUTION OF EXPENSES.

**Expenses in leading industries.**—As stated in the Introduction, the census does not purport to furnish figures that can be used for determining the total cost of manufacture and consequently the profits. Facts of interest can, however, be brought out concerning the relative importance of those classes of expenses which are reported. The following table shows in percentages the distribution of these expenses among the classes indicated, for all industries combined and for the 43 principal industries separately.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
<b>All industries</b> .....	<b>5.1</b>	<b>18.6</b>	<b>65.8</b>	<b>10.5</b>
Agricultural implements.....	8.6	24.3	51.1	16.0
Automobiles, including bodies and parts.....	4.5	23.1	62.5	9.9
Boots and shoes, including cut stock and findings.....	3.9	20.6	69.6	5.9
Brass and bronze products.....	4.1	17.3	72.6	6.0
Bread and other bakery products.....	4.0	17.4	69.9	8.6
Butter, cheese, and condensed milk.....	1.4	4.3	91.0	3.3
Canning and preserving.....	5.6	13.5	72.0	9.0
Carriages and wagons and materials.....	5.7	27.0	58.9	8.4
Cars and general shop construction and repairs by steam-railroad companies.....	4.3	44.7	49.2	1.8
Cars, steam-railroad, not including operations of railroad companies.....	4.3	23.0	66.7	6.0
Chemicals.....	6.5	15.0	68.2	10.3
Clothing, men's, including shirts.....	5.2	20.7	57.9	16.2
Clothing, women's.....	6.0	23.0	61.1	9.9
Confectionery.....	7.6	13.1	67.9	11.4
Copper, tin, and sheet-iron products.....	5.8	22.4	63.7	8.1
Cotton goods, including cotton small wares.....	2.6	24.0	66.9	6.5
Electrical machinery, apparatus, and supplies.....	10.0	24.5	53.8	11.7
Flour-mill and gristmill products.....	1.5	2.6	92.8	3.1
Foundry and machine-shop products.....	8.7	29.8	50.1	11.4
Furniture and refrigerators.....	7.3	30.8	51.0	10.9
Gas, illuminating and heating.....	10.9	18.4	46.2	24.5
Hosiery and knit goods.....	4.4	25.5	62.7	7.4
Iron and steel, blast furnaces.....	1.8	6.8	88.4	3.0
Iron and steel, steel works and rolling mills.....	2.9	18.3	73.9	4.8
Leather goods.....	7.2	19.3	64.6	8.9
Leather, tanned, curried, and finished.....	2.2	10.5	81.2	6.1
Liquors, distilled.....	1.0	1.6	18.4	79.0
Liquors, malt.....	7.6	13.7	32.2	46.5
Lumber and timber products.....	4.8	32.0	51.0	12.2
Marble and stone work.....	6.7	44.8	39.4	9.1
Oil, cottonseed, and cake.....	3.1	4.3	87.7	4.9
Paint and varnish.....	9.3	7.4	71.1	12.2
Paper and wood pulp.....	4.0	17.2	69.7	9.1
Patent medicines and compounds and druggists' preparations.....	14.9	8.7	44.1	32.4
Petroleum, refining.....	1.8	4.4	89.6	4.2
Printing and publishing.....	16.7	26.6	32.6	24.1
Silk and silk goods, including throwsters.....	4.2	21.8	60.8	13.2
Slaughtering and meat packing.....	1.5	3.9	91.3	3.3
Smelting and refining, copper.....	0.7	3.8	94.4	1.1
Smelting and refining, lead.....	0.9	3.4	94.8	0.9
Sugar and molasses, not including beet sugar.....	0.9	2.8	92.6	3.7
Tobacco manufactures.....	4.6	19.0	48.4	28.0
Woolen, worsted, and felt goods, and wool hats.....	2.6	18.7	72.9	5.8
All other industries.....	6.4	21.1	62.1	10.5

This table shows that, for all industries combined, 65.8 per cent of the total expenses reported were incurred for materials, 23.7 per cent for services (that is, salaries and wages), and 10.5 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries. The item of salaries takes on large proportions in such industries as the gas industry, the manufacture of patent medicines, and printing and publishing, which require a

large force of employees for accounting and collecting. The industries for which the highest percentages for wages are shown—in each case over 30 per cent—are marble and stone work, steam-railroad repair shops, the lumber and timber industry, and the furniture industry. The cost of materials constituted over 90 per cent of the expenses reported in the smelting and refining of copper and lead, flour and grist milling and the manufacture of sugar and molasses, slaughtering and meat packing, and the butter, cheese, and condensed-milk industry. Miscellaneous expenses, which are made up principally of rent, taxes, insurance, and advertising, are relatively largest in the distillery and brewery industries, the manufacture of patent medicines and compounds, and the tobacco-products industry, all of which are subject to internal-revenue taxes; they are also large in the gas and the printing and publishing industries.

**Expenses, by states.**—Table 30 shows, for each geographic division and each state, the per cent distribution in 1909 of the total expenses reported among the principal items.

The variation among the several divisions and states in the percentage of the total expenses which is represented by each class follows closely the variation in the character of the predominating industries. Thus the percentage of expenses incurred for materials is highest and that incurred for wages lowest in the West North Central division, this condition being due to the predominating importance in those states of the flour-milling and the slaughtering industries, in which materials contribute the greater part of the value of products. The proportion of expenses incurred for materials is also high in the Mountain division, on account of the influence of the smelting and refining industries. Wages represent the highest percentage of the total expenses, 23.7, in the New England division, where the textile and other highly elaborative industries predominate.

Among the individual states the highest percentage for materials is shown for Kansas and the next highest for Nebraska, while this percentage is lowest in Florida; the highest percentages for wages are shown for Wyoming, New Mexico, and Florida, in the order named. Among the great manufacturing states of the East and North there is no very great variation in the distribution of expenses among the various items. Of the 10 most important manufacturing states, Massachusetts has the highest proportion for wages and is among the lowest for miscellaneous expenses.

The exceptionally high percentage for miscellaneous expenses in Kentucky, 25.8, is due to the importance there of the distillery industry, in the miscellaneous expenses of which are included very large sums paid as internal-revenue tax.



Table 30

DIVISION AND STATE.	PER CENT OF TOTAL EXPENSES REPORTED.				DIVISION AND STATE.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.		Salaries.	Wages.	Materials.	Miscellaneous expenses.
<b>United States.....</b>	<b>5.1</b>	<b>18.6</b>	<b>65.8</b>	<b>10.5</b>	<b>SOUTH ATLANTIC:</b>				
<b>GEOGRAPHIC DIVISIONS:</b>					Delaware.....	4.9	21.9	65.9	7.2
New England.....	4.8	23.7	62.6	8.9	Maryland.....	4.8	15.9	69.6	9.7
Middle Atlantic.....	5.4	18.6	65.3	10.8	District of Columbia.....	9.0	24.4	50.0	16.6
East North Central.....	5.4	17.8	65.1	11.7	Virginia.....	4.6	19.4	64.0	11.9
West North Central.....	4.2	12.4	75.1	8.3	West Virginia.....	3.9	22.8	64.2	9.0
South Atlantic.....	4.7	20.1	64.9	10.3	North Carolina.....	3.7	18.4	65.4	12.5
East South Central.....	5.2	18.3	60.2	16.2	South Carolina.....	3.9	20.9	68.1	7.1
West South Central.....	4.5	17.4	68.1	9.9	Georgia.....	5.1	19.8	66.4	8.7
Mountain.....	3.9	17.8	71.6	6.7	Florida.....	7.8	33.4	41.3	14.5
Pacific.....	4.9	20.4	65.4	9.3	<b>EAST SOUTH CENTRAL:</b>				
<b>NEW ENGLAND:</b>					Kentucky.....	4.8	13.9	55.6	25.8
Maine.....	3.7	24.3	62.7	9.2	Tennessee.....	5.8	17.8	65.4	11.0
New Hampshire.....	2.8	24.3	65.8	7.1	Alabama.....	5.1	21.1	64.6	9.2
Vermont.....	4.7	28.9	58.2	8.3	Mississippi.....	5.3	27.3	53.7	13.6
Massachusetts.....	4.8	22.8	62.9	9.5	<b>WEST SOUTH CENTRAL:</b>				
Rhode Island.....	4.4	22.8	65.3	7.5	Arkansas.....	5.3	29.5	53.9	11.3
Connecticut.....	6.0	25.6	59.8	8.6	Louisiana.....	4.4	16.4	66.1	13.1
<b>MIDDLE ATLANTIC:</b>					Oklahoma.....	4.3	15.3	72.3	8.0
New York.....	6.2	18.7	62.2	12.9	Texas.....	4.4	15.5	72.8	7.3
New Jersey.....	4.7	16.4	69.7	9.2	<b>MOUNTAIN:</b>				
Pennsylvania.....	4.7	19.3	67.2	8.8	Montana.....	3.1	16.3	73.6	7.0
<b>EAST NORTH CENTRAL:</b>					Idaho.....	5.2	29.1	52.5	13.2
Ohio.....	5.6	19.1	64.2	11.0	Wyoming.....	5.6	37.2	46.6	10.6
Indiana.....	5.0	18.2	63.7	13.1	Colorado.....	4.9	17.4	70.2	7.5
Illinois.....	5.3	15.8	67.0	12.0	New Mexico.....	5.4	36.8	46.3	11.5
Michigan.....	5.9	20.1	62.3	11.6	Arizona.....	1.9	13.4	81.7	3.0
Wisconsin.....	4.9	17.9	65.9	11.4	Utah.....	3.6	15.5	76.1	4.8
<b>WEST NORTH CENTRAL:</b>					Nevada.....	3.4	17.9	75.5	3.2
Minnesota.....	4.1	12.6	74.9	8.4	<b>PACIFIC:</b>				
Iowa.....	4.7	13.9	73.2	8.2	Washington.....	5.0	25.4	60.1	9.6
Missouri.....	5.6	15.5	67.9	11.1	Oregon.....	4.9	24.2	61.6	9.3
North Dakota.....	3.6	10.3	79.1	6.9	California.....	4.8	17.7	68.3	9.2
South Dakota.....	3.9	14.6	72.7	8.9					
Nebraska.....	3.0	7.6	82.3	7.1					
Kansas.....	2.4	8.5	84.7	4.4					

## ENGINES AND POWER.

**Summary for United States: 1909, 1904, and 1899.**—The following table shows for all industries combined the number of engines or motors employed by manufacturing concerns and their horsepower at the censuses of 1909, 1904, and 1899. The figures for the total primary power used exclude duplications and represent the primary power of engines, water wheels, etc., owned by the manufacturing establishments

themselves plus the electric or other power rented from outside concerns. A separate presentation is made of the number and horsepower of electric motors operated by current generated within the establishments, which, of course, as it represents secondary power, is not included in the totals. This item plus the electric power rented makes up the total for electric power, which is shown separately.

Table 31

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.		
	1909	1904	1899	1909	1904	1899	1909	1904	1899
<b>Primary power, total.....</b>	<b>408,472</b>	<b>231,363</b>	<b>168,143</b>	<b>18,675,376</b>	<b>13,487,707</b>	<b>10,097,893</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Owned.....</b>	<b>209,163</b>	<b>169,774</b>	<b>168,143</b>	<b>16,802,706</b>	<b>12,854,805</b>	<b>9,778,418</b>	<b>90.0</b>	<b>95.3</b>	<b>95.8</b>
Steam.....	153,525	127,267	130,710	14,199,339	10,825,348	8,139,579	76.0	80.2	80.6
Gas.....	34,356	21,515	14,334	51,186	289,423	134,742	4.0	2.1	1.3
Water wheels.....	20,079	19,595	23,099	1,807,439	1,641,949	1,454,112	9.7	12.2	14.4
Water motors.....	1,203	1,397	( <sup>1</sup> )	15,449	5,931	( <sup>1</sup> )	0.1	( <sup>1</sup> )	( <sup>1</sup> )
Other.....				29,293	92,154	49,985	0.2	0.7	0.5
<b>Rented.....</b>	<b>199,309</b>	<b>61,589</b>	<b>(<sup>1</sup>)</b>	<b>1,872,670</b>	<b>632,902</b>	<b>319,475</b>	<b>10.0</b>	<b>4.7</b>	<b>3.2</b>
Electric.....	199,309	61,589	( <sup>1</sup> )	1,749,031	441,589	182,562	9.4	3.3	1.8
Other.....				123,639	191,313	136,913	0.7	1.4	1.4
<b>Electric motors.....</b>	<b>388,854</b>	<b>134,708</b>	<b>16,891</b>	<b>4,817,140</b>	<b>1,592,475</b>	<b>492,936</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Run by current generated by establishment.....	189,545	73,119	16,891	3,068,109	1,150,886	310,374	63.7	72.3	63.0
Run by rented power.....	199,309	61,589	( <sup>1</sup> )	1,749,031	441,589	182,562	36.3	27.7	37.0

<sup>1</sup> Not reported.<sup>2</sup> Less than one-tenth of 1 per cent.

The total horsepower of manufacturing establishments was 18,675,376 in 1909, as compared with 13,487,707 in 1904 and 10,097,893 in 1899. In 1909, 90 per cent of the horsepower was that of engines or

motors owned by the manufacturing establishments themselves, and 10 per cent was rented power, mostly electric. Especially striking is the increase in the use of gas engines and of electric power, both that rented



from outside concerns and that generated by the manufacturing concerns themselves. The total horsepower of electric motors in 1899, including both those operated by purchased current and those operated by current generated in the establishment, was 492,936; in 1909 it was 4,817,140, or nearly ten times as great. The practice of renting electric power is rapidly becoming more common among small establishments and even among large establishments, while the large concerns more and more tend to use electric motors

for the purpose of applying the power which they themselves generate.

The amount of water power owned by manufacturing establishments shows only a comparatively moderate rate of increase during the decade, but not a little of the electric power rented by manufacturers is generated in the first instance by utilizing water power.

**Horsepower, by leading industries.**—The following table shows, for the 43 leading industries, the amount of each of the several kinds of power used in 1909:

INDUSTRY.	Total horsepower (excluding duplication).	OWNED BY ESTABLISHMENTS REPORTING—					RENTED.		ELECTRIC MOTORS.	
		Steam engines.	Gas engines.	Water wheels.	Water motors.	Other.	Electric motors.	Other.	Total. <sup>1</sup>	Run by current generated by establishment.
All industries.....	18,675,376	14,199,339	751,186	1,807,439	15,449	29,293	1,749,031	123,639	4,817,140	3,068,109
Agricultural implements.....	100,601	71,394	4,433	8,387	3	500	15,684	200	38,905	23,221
Automobiles, including bodies and parts.....	75,550	39,325	7,000	287	.....	.....	27,641	1,297	41,829	14,188
Boots and shoes, including cut stock and findings.....	96,302	60,772	3,532	2,798	17	.....	17,381	11,802	32,381	15,000
Brass and bronze products.....	106,120	78,101	4,890	3,370	4	.....	18,399	1,356	33,462	15,063
Bread and other bakery products.....	65,298	25,506	8,166	251	83	3	31,160	129	39,795	8,635
Butter, cheese, and condensed milk.....	101,349	90,802	3,373	1,403	62	131	5,366	212	8,276	2,910
Canning and preserving.....	81,179	70,362	4,519	394	34	30	5,409	401	8,728	3,259
Carriages and wagons and materials.....	126,032	82,911	13,120	4,604	63	17	24,969	348	39,424	14,455
Cars and general shop construction and repairs by steam-railroad companies.....	293,361	254,942	3,140	138	312	898	33,786	145	161,288	127,502
Cars, steam-railroad, not including operations of railroad companies.....	97,797	89,123	1,148	370	.....	700	6,456	.....	61,060	54,604
Chemicals.....	208,604	103,273	1,147	10,913	153	215	92,057	846	156,699	64,642
Clothing, men's, including shirts.....	42,725	16,003	5,259	1,335	45	6	18,816	1,261	22,894	4,078
Clothing, women's.....	22,294	4,112	1,958	190	16	.....	15,175	843	16,085	910
Confectionery.....	35,870	25,090	1,408	.....	8	12	8,607	745	16,983	8,376
Copper, tin, and sheet-iron products.....	62,366	34,650	8,572	416	4	5	17,898	821	30,771	12,873
Cotton goods, including cotton small wares.....	1,296,517	869,838	2,812	302,288	736	7,363	108,512	4,968	235,902	127,390
Electrical machinery, apparatus, and supplies.....	158,768	99,883	6,753	1,078	36	14	50,045	959	164,540	114,495
Flour-mill and gristmill products.....	853,584	473,393	62,681	259,138	4,993	208	49,901	3,300	67,066	17,165
Foundry and machine-shop products.....	869,305	546,206	96,966	18,341	361	2,754	192,977	11,700	623,914	430,937
Furniture and refrigerators.....	221,451	184,425	5,830	6,743	105	612	20,420	3,316	43,252	22,832
Gas, illuminating and heating.....	128,350	115,332	7,128	2,755	59	182	2,723	171	17,336	14,613
Hosiery and knit goods.....	103,709	74,560	1,235	12,015	23	200	13,286	2,390	25,485	12,199
Iron and steel, blast furnaces.....	1,173,422	1,033,033	125,230	294	15	.....	14,850	.....	135,143	120,293
Iron and steel, steel works and rolling mills.....	2,100,978	1,955,346	79,391	5,829	.....	1,500	58,797	115	716,609	657,812
Leather goods.....	28,148	10,028	1,381	1,337	36	.....	14,946	420	16,663	1,717
Leather, tanned, curried, and finished.....	148,140	131,311	7,231	1,546	10	140	6,487	1,415	35,919	29,432
Liquors, distilled.....	46,120	44,623	321	252	.....	150	708	66	3,786	3,078
Liquors, malt.....	347,726	330,705	1,261	116	224	1,065	14,190	165	66,519	52,329
Lumber and timber products.....	2,840,082	2,587,487	38,628	139,392	1,111	836	62,200	10,428	130,707	68,507
Marble and stone work.....	187,686	132,236	10,874	9,451	167	241	32,062	2,655	53,748	21,686
Oil, cottonseed, and cake.....	192,342	183,440	1,674	125	50	189	6,394	470	10,855	4,461
Paint and varnish.....	56,162	42,166	3,290	2,004	2	25	7,814	867	17,037	9,223
Paper and wood pulp.....	1,304,265	469,089	6,675	785,961	2,185	275	38,610	1,470	130,120	91,510
Patent medicines and compounds and druggists' preparations.....	25,659	15,938	1,712	250	14	121	6,882	742	11,175	4,293
Petroleum, refining.....	90,268	83,707	5,870	.....	.....	378	28	285	8,808	8,780
Printing and publishing.....	297,763	59,240	32,152	600	1,720	94	197,692	6,265	229,312	31,620
Silk and silk goods, including throwsters.....	97,947	72,059	1,277	8,383	.....	.....	10,354	5,874	23,758	13,404
Slaughtering and meat packing.....	208,707	190,636	2,208	30	16	30	15,047	740	78,677	63,630
Smelting and refining, copper.....	158,126	114,862	1,107	12,725	.....	19	29,413	.....	55,229	25,816
Smelting and refining, lead.....	26,954	23,090	35	.....	.....	.....	3,829	.....	12,166	8,337
Sugar and molasses, not including beet sugar.....	160,603	158,682	395	.....	210	.....	1,316	.....	18,730	17,414
Tobacco manufactures.....	28,514	21,929	795	243	2	7	5,367	171	11,203	5,836
Woolen, worsted, and felt goods, and wool hats.....	362,209	261,364	2,077	78,909	341	.....	13,783	5,735	79,223	65,440
All other industries.....	3,646,423	2,868,395	172,532	122,808	2,439	10,163	431,534	38,552	1,085,678	664,144

<sup>1</sup> Includes the horsepower of motors run by rented current and also of those run by current generated by the establishment.

This table shows very wide differences among the industries with respect to the relative importance of the several kinds of power. These differences are due partly to differences in the geographic location of the industries, which affect the character of power available, and partly to differences in the character of machinery used, which affect the adaptability of the different kinds of power.

The power developed by the use of gas engines represents a larger proportion of the total power employed in establishments engaged in the manu-

facture of carriages and wagons, flour mills and grist-mills, foundries and machine shops, blast furnaces, steel works and rolling mills, lumber mills, and printing and publishing establishments than in any of the other industries listed. The largest absolute amount of power derived from gas engines is reported for the blast furnaces, and the next largest for the foundries and machine shops.

A very large proportion of the total power derived from water wheels is used in four industries, namely, the manufacture of cotton goods, flour mills and grist-



mills, the lumber and timber products industry, and the manufacture of paper and wood pulp. In the last-mentioned industry the horsepower developed by water wheels amounts to 785,961, about 60 per cent of the total power used in that industry.

The extent to which electric motors are utilized in applying the power employed varies considerably in the different industries. In a considerable number of industries the electric power, including that generated by the manufacturing establishments themselves and that rented from other concerns, is equal to more than one-half of the total primary power. These industries are the manufacture of automobiles, bread and other bakery products, the construction of steam-railroad cars, the repair shops of steam-railroad companies, the chemical industry, the making of men's and of women's clothing, the manufacture of electrical machinery, apparatus, and supplies, the foundry and machine-shop industry, the manufacture of leather goods, and the printing and publishing industry. In the electrical-machinery industry the horsepower of electric motors installed is greater than the total primary power; this may be accounted for by reason of the provision of motors for the operation of machinery which is not in constant use. The largest absolute amount of electric power is reported by the steel works and rolling mills, and the next largest, by the foundries and machine shops. In the former the electric power is equal to a little over one-third of the total amount of primary power and in the latter to nearly three-fourths.

**Horsepower, by states: 1909.**—Table 33 shows, by states grouped according to geographic divisions, the amount of each of the several kinds of power used in manufacturing industries in 1909.

The rank of the states with respect to the amount of power used in manufacturing industries is somewhat different from that with respect to value of products and other leading items in the statistics of manufactures. Although New York ranks first among the states in most of the leading items, Pennsylvania outranks it in respect to the amount of power used in manufacturing industries. New York stands second, Ohio third, Massachusetts fourth, and Illinois fifth. The relative total amount of power used is largely dependent upon the character of the industries predominant in each division or state. The relative extent to which the different kinds of power are used in the several divisions and states is also dependent in part upon the character of the industries and in part upon the situation of each state with reference to supplies of coal, petroleum, and gas, and with reference to the availability of water power.

In every division—in fact in every state, except Maine and Vermont—steam engines are the most important source of power. The proportion which power generated by gas engines represents of the total power

is larger in the East North Central division than in any other division, partly on account of the proximity of gas wells. The Middle Atlantic states rank next in the proportion of the total power which is developed by gas engines. With respect to power obtained from water wheels owned by the manufacturing establishments, New England ranks far ahead of the other divisions both in the absolute amount of power and in the proportion which water power represents of the total. More than two-fifths of the total power derived from water wheels owned by manufacturing establishments is found in New England, and more than one-fourth of the total power utilized by the factories of New England is derived from water wheels. The Middle Atlantic division ranks next in this respect. The largest absolute amounts of power utilized by means of electric motors (including both those operated by purchased current and those operated by current generated in the establishment) are reported from the Middle Atlantic division, the East North Central division, and New England, in the order named, and in these three divisions also the proportion which electric power represents of the total is unusually large, no very great difference appearing among the three divisions in this respect. The proportion of electric power is also high in the Mountain, Pacific, and West North Central divisions.

The individual states which lead in the use of gas engines to develop power are Pennsylvania, Indiana, Ohio, New York, Illinois, Kansas, and New Jersey, in the order named. The absolute amount of power of this character is greatest in Pennsylvania, and the proportion which such power represents of the total power used is greatest in Indiana. The power derived from water wheels owned by manufacturing establishments is greater in New York than in any other state, but the proportion which such power represents of the total power is greatest in Maine. Other leading states in respect to the absolute amount of such water power are Massachusetts, Wisconsin, New Hampshire, Vermont, Connecticut, Minnesota, Pennsylvania, Oregon, Virginia, North Carolina, and Michigan; the leading states in respect to the proportion which it represents of the total power are Vermont, New Hampshire, Oregon, Wisconsin, New York, Minnesota, Connecticut, Massachusetts, Virginia, and Montana.

In the absolute amount of electric power utilized for manufacturing, Pennsylvania leads and is followed by New York, Ohio, Massachusetts, Illinois, Indiana, and New Jersey, in the order named. With respect to the proportion which electric power represents of the total Nevada ranks first, and is followed by California, Utah, Illinois, New York, Montana, Arizona, Indiana, and Massachusetts in the order named. In Nevada the power of electric motors forms 54.1 per cent and in California 40.3 per cent of the total power reported for these states.



## ABSTRACT OF THE CENSUS—MANUFACTURES.

Table 33

DIVISION AND STATE.	Total horsepower (excluding duplication).	OWNED BY ESTABLISHMENTS REPORTING—					RENTED.		ELECTRIC MOTORS.	
		Steam engines.	Gas engines.	Water wheels.	Water motors.	Other.	Electric motors.	Other.	Total. <sup>1</sup>	Run by current generated by establishment.
United States.....	18,675,376	14,199,339	751,186	1,807,439	15,449	29,293	1,749,031	123,639	4,817,140	3,068,109
GEOGRAPHIC DIVISIONS:										
New England.....	2,715,121	1,656,911	41,801	753,920	3,412	2,055	218,642	38,380	663,143	444,501
Middle Atlantic.....	5,331,502	4,151,662	274,274	466,541	3,947	11,736	568,723	54,619	1,737,236	1,168,513
East North Central.....	4,382,070	3,491,418	283,450	206,393	2,048	4,766	375,876	18,119	1,297,447	921,571
West North Central.....	1,101,990	838,988	57,434	82,791	3,539	939	115,002	3,297	266,534	151,532
South Atlantic.....	1,832,001	1,431,423	36,441	182,076	1,082	5,321	171,146	4,512	343,393	172,247
East South Central.....	1,036,560	953,511	12,270	29,040	275	1,690	38,580	1,194	108,409	69,829
West South Central.....	873,350	805,640	29,291	3,000	48	2,513	31,807	991	78,893	47,086
Mountain.....	400,766	306,786	4,188	21,345	198	224	66,956	1,069	113,984	47,028
Pacific.....	802,016	563,000	12,037	62,273	900	49	162,299	1,458	208,101	45,802
NEW ENGLAND:										
Maine.....	459,599	168,595	3,933	256,480	1,912	179	27,203	1,297	54,266	27,063
New Hampshire.....	203,991	139,128	1,238	127,490	521	30	21,209	4,375	45,351	24,142
Vermont.....	159,445	64,252	2,160	78,881	181	415	12,917	639	21,233	8,316
Massachusetts.....	1,175,071	834,701	18,326	185,996	520	895	109,996	24,637	402,492	292,496
Rhode Island.....	226,740	175,293	3,300	31,376	41	39	13,697	2,994	42,130	28,433
Connecticut.....	400,275	274,942	12,844	73,697	237	497	33,620	4,438	97,671	64,051
MIDDLE ATLANTIC:										
New York.....	1,997,662	1,080,877	99,899	394,221	1,397	3,583	389,945	27,740	689,976	300,031
New Jersey.....	612,293	529,668	20,867	18,558	1,118	180	33,157	8,745	182,475	149,318
Pennsylvania.....	2,921,547	2,541,117	153,508	53,762	1,432	7,973	145,621	18,134	864,785	719,164
EAST NORTH CENTRAL:										
Ohio.....	1,583,155	1,362,134	103,801	15,777	330	1,586	93,592	5,903	417,844	324,252
Indiana.....	633,377	448,528	109,105	7,446	447	599	65,548	1,704	233,193	167,645
Illinois.....	1,013,071	838,199	37,025	12,178	513	1,433	117,007	6,716	398,621	281,614
Michigan.....	598,288	465,520	13,988	41,442	577	16	74,270	2,475	133,064	58,794
Wisconsin.....	554,179	377,037	19,531	129,550	181	1,132	25,459	1,289	114,725	89,266
WEST NORTH CENTRAL:										
Minnesota.....	297,670	199,777	7,174	56,631	2,939	25	30,297	827	52,212	21,915
Iowa.....	155,384	121,882	8,025	6,326	85	147	18,463	456	40,736	22,273
Missouri.....	340,467	280,489	11,159	3,532	206	5	44,056	1,020	106,941	62,885
North Dakota.....	13,196	10,170	1,304	530	.....	.....	1,164	28	1,698	534
South Dakota.....	17,666	12,257	2,784	927	12	.....	1,083	3	2,084	401
Nebraska.....	64,466	44,806	4,408	7,361	75	76	7,530	210	15,942	8,412
Kansas.....	213,141	169,607	22,580	7,484	222	686	11,809	753	46,921	35,112
SOUTH ATLANTIC:										
Delaware.....	52,779	42,266	766	5,183	12	.....	4,502	50	17,910	13,408
Maryland.....	218,244	181,326	5,736	11,953	121	1,069	17,108	931	44,921	27,813
District of Columbia.....	16,563	12,169	1,073	775	.....	43	2,433	70	4,527	2,094
Virginia.....	283,928	221,303	3,664	45,122	33	38	13,356	412	42,043	28,687
West Virginia.....	217,496	184,591	16,705	10,546	71	.....	5,330	253	28,543	23,213
North Carolina.....	378,556	271,944	2,356	41,619	307	1,035	60,044	1,251	86,002	25,938
South Carolina.....	276,378	193,052	1,264	38,422	75	2,400	41,130	35	67,620	26,490
Georgia.....	298,241	240,264	3,380	28,288	460	536	23,890	1,423	44,264	20,374
Florida.....	89,816	84,508	1,497	168	3	200	3,353	87	7,563	4,210
EAST SOUTH CENTRAL:										
Kentucky.....	230,224	207,591	4,724	5,320	57	915	11,314	303	31,268	19,954
Tennessee.....	242,277	215,338	1,853	9,670	167	4	14,666	639	29,586	14,920
Alabama.....	357,837	328,275	4,616	13,812	111	732	10,104	187	39,928	29,824
Mississippi.....	206,222	202,307	1,077	238	.....	39	2,496	65	7,627	5,131
WEST SOUTH CENTRAL:										
Arkansas.....	173,088	168,152	1,374	639	35	52	2,581	255	7,417	4,836
Louisiana.....	346,652	331,370	3,496	65	10	2,401	9,077	233	27,139	18,062
Oklahoma.....	71,139	56,643	8,676	470	2	.....	5,281	67	7,887	2,606
Texas.....	282,471	249,475	15,745	1,886	1	60	14,868	436	36,450	21,582
MOUNTAIN:										
Montana.....	90,402	49,654	223	13,583	63	.....	26,504	375	27,301	797
Idaho.....	42,804	35,529	242	2,403	4	.....	4,606	20	8,409	3,803
Wyoming.....	7,628	6,467	182	456	9	.....	514	.....	801	287
Colorado.....	154,615	135,645	1,464	1,377	49	105	15,874	101	35,944	20,070
New Mexico.....	15,465	11,781	365	74	.....	.....	3,245	.....	4,586	1,341
Arizona.....	39,140	34,193	1,285	129	.....	19	3,314	200	15,100	11,786
Utah.....	42,947	28,984	226	2,926	71	100	10,592	48	15,402	4,810
Nevada.....	7,765	4,533	201	397	2	.....	2,307	325	6,441	4,134
PACIFIC:										
Washington.....	297,897	257,230	1,494	7,842	223	19	30,951	138	43,615	12,664
Oregon.....	175,019	112,244	428	47,041	397	.....	14,811	98	29,802	5,991
California.....	329,100	193,526	10,115	7,390	280	30	116,537	1,222	143,684	27,147

<sup>1</sup> Includes the horsepower of motors run by rented current and also of those run by current generated by the establishment.



## SUPPLEMENTARY DATA REGARDING IMPORTANT INDUSTRIES.

(With statistics for laundries and custom sawmills and gristmills.)

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and value of materials and products and other information for securing which no provision is made on the general schedule. Data of this character are here presented for a number of important industries. As far as possible the statistics are grouped according to the character of the finished products. The statistics in each table relate to the United States as a whole, not including Alaska, Hawaii, Porto Rico, or other outlying possessions.

## FOOD AND KINDRED PRODUCTS.

**Butter, cheese, and condensed milk.**—The following table presents statistics for the butter, cheese, and condensed-milk industry. The figures cover only the manufacture of the factory products. The statistics for this class of products made on farms are not avail-

able for 1909; in 1899, however, 1,071,626,056 pounds of butter and 16,372,318 pounds of cheese were made on farms, of which 518,042,767 pounds of butter and 14,692,542 pounds of cheese were sold.

The value of the factory products of this industry more than doubled during the period 1899-1909. Condensed milk, for which the ratio of increase was highest, nearly trebled in value, while butter more than doubled. Since 1899 the increase in prices has been quite pronounced in this industry, as shown by the fact that the butter product increased 113.5 per cent in value and only 48.7 per cent in quantity, and the output of cheese 63 per cent in value and only 10.3 per cent in quantity. As shown by the note to the table, considerable quantities of butter, cheese, and condensed milk were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

Table 34	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
<b>Total cost.....</b>	<b>\$235,546,064</b>	<b>\$142,920,277</b>	<b>\$108,841,200</b>	<b>Cheese—Continued.</b>			
Milk:				Skimmed—			
Pounds.....	9,888,727,303	12,147,304,550	11,678,082,821	Pounds.....	7,770,812	3,459,582	(1)
Cost.....	\$118,675,613	\$99,729,745	\$91,256,436	Value.....	\$429,519	\$148,568	(1)
Cream:				Other kinds—			
Pounds.....	1,406,143,908	588,186,471	203,673,958	Pounds.....	5,441,730	74,032,656	56,196,219
Cost.....	\$95,025,507	\$28,371,040	\$8,154,068	Value.....	\$805,332	\$6,438,339	\$5,156,352
Skimmed milk:				Condensed milk:			
Pounds.....	56,974,760	36,071,335	(1)	Pounds.....	494,796,544	308,485,182	186,921,787
Cost.....	\$110,469	\$59,398	(1)	Value.....	\$33,563,129	\$20,149,282	\$11,888,792
Sugar:				Sweetened—			
Pounds.....	78,457,978	67,810,031	50,873,859	Pounds.....	214,518,310	198,355,189	(1)
Cost.....	\$3,674,174	\$3,315,892	\$2,589,687	Value.....	\$17,345,278	\$13,478,376	(1)
All other materials.....	\$18,060,301	\$11,444,202	\$6,841,009	Unsweetened—			
<b>PRODUCTS.*</b>				Pounds.....	280,278,234	110,129,993	(1)
<b>Total value.....</b>	<b>\$274,567,718</b>	<b>\$168,182,789</b>	<b>\$130,783,349</b>	Value.....	\$16,217,851	\$6,670,906	(1)
Butter:				Cream sold:			
Pounds.....	624,764,653	531,478,141	420,126,546	Pounds.....	81,211,374	28,131,914	61,764,552
Value.....	\$179,510,619	\$113,189,453	\$84,079,754	Value.....	\$9,828,972	\$2,364,407	\$4,435,444
Packed solid—				Skimmed milk sold:			
Pounds.....	410,692,616	364,432,996	328,956,590	Pounds.....	352,594,574	1,161,414,457	2,253,494,156
Value.....	\$115,098,056	\$74,483,306	\$63,961,893	Value.....	\$629,135	\$1,368,738	\$2,531,460
Prints and rolls—				Casein dried from skimmed milk:			
Pounds.....	214,072,037	167,045,145	91,169,956	Pounds.....	13,018,298	11,581,874	12,298,405
Value.....	\$64,412,563	\$38,706,147	\$20,117,861	Value.....	\$795,544	\$554,099	\$383,581
Cheese:				All other products.....	\$6,990,395	\$1,945,050	\$944,489
Pounds.....	311,126,317	317,144,872	281,972,324	<b>EQUIPMENT.</b>			
Value.....	\$43,239,924	\$28,611,760	\$26,519,829	Cream separators, number.....	5,624	8,842	9,701
Full cream—							
Pounds.....	287,110,383						
Value.....	\$40,817,073	239,632,634	225,776,105				
Part cream—							
Pounds.....	10,903,392	\$22,024,853	\$21,363,477				
Value.....	\$1,188,000						

\* Not reported separately.

<sup>1</sup> In addition, 2,381,212 pounds of butter, to the value of \$664,171; 49,413 pounds of part cream cheese, to the value of \$5,745; 401,300 pounds of condensed milk, to the value of \$24,078; and other dairy products to the value of \$25,388 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> In addition, 1,971,130 pounds of butter, to the value of \$448,729, and other dairy products to the value of \$71,588 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

**Canning and preserving.**—Table 35 includes statistics for establishments engaged in the various branches of the canning industry and also for those manufacturing pickles, preserves, and sauces. The table does not include meats and other products canned in slaughtering and meat-packing establishments (see Table 38).

The total value of all classes of products of canning and preserving establishments in 1909 was \$157,101,201 and in 1899, \$99,335,464, the increase for the decade being 58.2 per cent.

Of the two groups of products listed separately in the table, fruits and vegetables show the largest ratio of increase in value from 1899 to 1909, 88.3



per cent. Fish and oysters show an increase of 47 per cent.

The statistics for dried fruits cover the product of fruit drying and packing establishments which buy the fruit or do drying and packing for others, and of cooperative associations, but do not include fruits dried by the grower on the farm. The bulk of the product is from California, the value of the factory dried-fruit product of that state in 1909 being \$16,137,716, or 81.3 per cent of the total value of this class of products.

Table 35	PRODUCT.	1909	1904	1899
	<b>Total value</b>	<b>\$157,101,201</b>	<b>\$130,465,976</b>	<b>\$99,335,464</b>
	<i>Fruits and vegetables.</i>			
	<b>Value</b>	<b>\$84,347,783</b>	<b>\$72,998,756</b>	<b>\$44,802,665</b>
	Canned vegetables:			
	Cases	32,752,469	29,579,616	19,323,730
	Value	\$51,568,914	\$45,610,993	\$28,734,598
	Tomatoes—			
	Cases	12,909,986	9,411,084	8,700,538
	Value	\$18,747,941	\$14,029,846	\$13,666,560
	Corn—			
	Cases	7,451,265	11,209,597	6,336,984
	Value	\$10,332,136	\$15,952,386	\$8,191,383
	Peas—			
	Cases	5,901,703	4,694,492	2,543,722
	Value	\$10,247,363	\$7,928,791	\$4,465,673
	Beans—			
	Cases	3,392,864	2,588,015	1,493,517
	Value	\$6,013,098	\$4,133,810	\$2,025,123
	Asparagus—		( <sup>1</sup> )	( <sup>2</sup> )
	Cases	228,559	( <sup>1</sup> )	( <sup>2</sup> )
	Value	\$1,975,775	( <sup>1</sup> )	( <sup>2</sup> )
	Pumpkins—			
	Cases	440,303	246,557	138,078
	Value	\$576,043	\$346,497	\$202,404
	Sweet potatoes—			
	Cases	347,286	192,997	83,526
	Value	\$531,651	\$284,885	\$124,245
	All other—			
	Cases	2,080,503	1,236,874	27,365
	Value	\$3,144,907	\$2,944,278	\$59,210
	Canned fruits:			
	Cases	5,501,404	4,628,241	4,467,817
	Value	\$12,938,474	\$11,722,979	\$11,311,062
	Peaches—			
	Cases	1,467,213	1,304,867	1,449,356
	Value	\$3,753,698	\$3,902,441	\$4,283,165
	Apples—			
	Cases	1,205,724	490,341	645,762
	Value	\$1,898,720	\$738,013	\$1,125,119
	Apricots—			
	Cases	630,185	539,815	531,648
	Value	\$1,825,311	\$1,641,919	\$1,583,252
	Pears—			
	Cases	637,782	789,120	672,485
	Value	\$1,833,214	\$2,192,910	\$2,188,201
	Berries—			
	Cases	815,851	489,637	600,419
	Value	\$1,754,927	\$1,058,659	\$1,092,975
	Cherries—			
	Cases	390,351	319,350	114,367
	Value	\$1,019,013	\$825,522	\$307,788
	All other—			
	Cases	354,280	695,111	453,790
	Value	\$853,591	\$1,363,515	\$730,562
	Dried fruits:			
	Pounds	400,328,767	343,579,623	85,439,406
	Value	\$19,840,395	\$15,664,784	\$4,757,005
	Raisins—			
	Pounds	111,774,767	121,409,881	14,984,221
	Value	\$4,837,933	\$6,349,381	\$1,062,268
	Prunes—			
	Pounds	138,498,490	117,808,181	25,413,763
	Value	\$5,139,412	\$3,299,628	\$970,927
	Apples—			
	Pounds	44,568,244	40,737,089	33,212,309
	Value	\$3,098,065	\$1,758,610	\$1,906,642
	Peaches—			
	Pounds	46,843,391	25,861,074	5,662,390
	Value	\$2,423,083	\$1,702,205	\$312,495
	Apricots—			
	Pounds	29,205,569	19,559,573	5,465,217
	Value	\$2,277,177	\$1,410,838	\$455,394
	All other—			
	Pounds	29,438,306	18,203,825	701,509
	Value	\$2,073,695	\$1,144,122	\$49,276

Table 35— Cont'd.	PRODUCT.	1909	1904	1899
	<i>Fish and oysters.</i>			
	<b>Value</b>	<b>\$27,648,289</b>	<b>\$22,194,635</b>	<b>\$18,807,542</b>
	Canned fish and oysters:			
	Pounds	235,418,713	207,077,976	.....
	Value	\$17,573,311	\$13,531,786	\$12,868,572
	Salmon—			
	Pounds	99,831,528	48,128,926	62,652,792
	Value	\$8,723,565	\$4,251,387	\$5,679,324
	Sardines:			
	Pounds	90,694,284	87,224,524	44,951,244
	Value	\$4,931,831	\$4,380,498	\$4,212,351
	Oysters—			
	Pounds	28,192,392	59,249,043	( <sup>1</sup> )
	Value	\$2,443,101	\$3,799,412	\$2,054,800
	All other—			
	Pounds	16,700,509	12,475,483	9,625,825
	Value	\$1,474,814	\$1,100,489	\$922,097
	Smoked fish:			
	Pounds	39,814,989	36,617,904	21,108,066
	Value	\$2,900,417	\$2,528,240	\$957,741
	Herring—			
	Pounds	21,369,856	19,737,537	12,576,429
	Value	\$931,611	\$631,352	\$330,590
	Salmon—			
	Pounds	6,836,099	6,833,560	1,975,647
	Value	\$950,540	\$831,184	\$136,331
	Finnan haddie—			
	Pounds	4,513,222	3,014,160	1,360,500
	Value	\$304,620	\$174,234	\$75,360
	All other—			
	Pounds	7,095,812	7,032,647	5,195,490
	Value	\$713,646	\$891,470	\$415,460
	Salted fish:			
	Pounds	128,539,299	111,728,665	117,780,031
	Value	\$7,174,561	\$6,134,609	\$4,981,229
	Cod—			
	Pounds	49,494,338	48,757,819	64,731,210
	Value	\$3,077,612	\$3,013,320	\$3,081,045
	Mackerel—			
	Pounds	9,045,469	8,326,566	10,458,313
	Value	\$740,513	\$678,326	\$662,008
	Herring—			
	Pounds	21,718,467	15,824,192	13,933,426
	Value	\$461,287	\$409,223	\$332,220
	Haddock—			
	Pounds	7,873,156	4,737,975	6,927,919
	Value	\$319,248	\$213,394	\$197,360
	All other—			
	Pounds	40,407,869	34,082,113	21,729,163
	Value	\$2,575,901	\$1,820,346	\$708,596
	<i>All other products, including pickles, preserves, and sauces.</i>			
	<b>Value</b>	<b>\$45,105,129</b>	<b>\$35,272,585</b>	<b>\$35,725,257</b>

<sup>1</sup> In addition, products to the value of \$5,423,199 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, as follows:

	Number.	Value.
<b>Total</b>		<b>\$5,423,199</b>
Canned vegetables.....cases..	769,017	1,714,909
Canned fruits.....cases..	27,474	76,964
Dried fruits.....pounds..	1,007,033	53,159
Canned fish.....pounds..	531,054	19,649
Smoked fish.....pounds..	924,785	38,841
Salted fish.....pounds..	4,639,322	143,540
Pickles, preserves, and sauces.....pounds..	.....	3,376,137

<sup>2</sup> In addition, 140,263 cases of fruits and vegetables, to the value of \$288,138; 1,847,625 pounds of fish, to the value of \$274,403; and oysters, to the value of \$12,900, were canned and preserved by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> Not reported separately.

<sup>4</sup> Not reported.

**Flour-mill and gristmill products.**—Table 36 presents statistics for flour-mills and gristmills, but does not include data for establishments engaged exclusively in custom grinding (see table on p. 513). The total quantity of all kinds of grain milled in 1909 was 806,247,961 bushels, as compared with 729,061,820 bushels in 1899, an increase of 10.6 per cent. The largest increases were in wheat and corn,



the former showing a gain of about 25,000,000 bushels and the latter a gain of about 29,000,000 bushels.

The increase in the value of all products of flour mills and gristmills for the period 1899-1909 was 76.2 per cent. This gain was due mainly to advances in price, for the increases in quantity were relatively much smaller. The value of the wheat flour produced increased 64.7 per cent, but its quantity only 6 per cent, while the production of rye flour increased 54 per cent in value and only 6.2 per cent in quantity. The figures in the table indicate that higher unit values prevailed for all classes of products during 1909 than during the two prior census years. For the decade as a whole the percentage of increase in cost of materials, which constitutes by far the greater part of the value of products, was, however, even higher than that in value of products.

Table 36	1909	1904	1899
<b>MATERIALS.</b>			
Total cost.....	\$767,576,479	\$619,971,161	\$428,116,757
Grain ground or milled, bushels.....	806,247,961	754,945,729	729,061,820
Wheat.....	496,480,314	494,095,083	471,306,986
Corn.....	209,281,237	178,217,321	189,573,076
Rye.....	11,503,969	11,480,370	10,088,381
Buckwheat.....	7,156,062	6,531,935	5,490,156
Barley.....	24,509,770	18,028,552	10,067,348
Oats.....	50,241,598	45,381,009	47,175,766
Other.....	7,075,011	612,089	4,300,107
<b>PRODUCTS.</b>			
Total value.....	\$883,584,405	\$713,033,395	\$501,396,304
Wheat flour:			
Barrels.....	105,756,645	104,013,278	99,763,777
Value.....	\$550,116,254	\$480,258,514	\$333,997,686
White—			( <sup>1</sup> )
Barrels.....	105,321,969	103,608,350	( <sup>1</sup> )
Value.....	\$548,017,654	\$478,484,601	( <sup>1</sup> )
Graham—			( <sup>1</sup> )
Barrels.....	434,676	404,928	( <sup>1</sup> )
Value.....	\$2,098,600	\$1,773,913	( <sup>1</sup> )
Rye flour:			
Barrels.....	1,532,139	1,503,100	1,443,339
Value.....	\$6,383,538	\$5,892,108	\$4,145,565
Buckwheat flour:			
Pounds.....	176,081,891	175,354,062	143,190,724
Value.....	\$4,663,561	\$4,379,359	\$3,190,152
Barley meal:			
Pounds.....	28,550,952	68,508,655	91,275,646
Value.....	\$486,000	\$922,884	\$963,710
Corn meal and corn flour:			
Barrels.....	21,552,737	23,624,893	27,838,811
Value.....	\$66,941,095	\$66,368,556	\$52,167,739
Hominy and grits:			
Pounds.....	827,987,702	756,861,398	291,726,145
Value.....	\$12,509,493	\$8,455,420	\$2,567,084
Feed:			
Tons (2,000 pounds).....	5,132,369	3,456,786	3,993,080
Value.....	\$140,541,915	\$76,096,127	\$63,011,421
Offal:			
Tons (2,000 pounds).....	4,104,042	4,468,626	3,164,408
Value.....	\$89,814,427	\$76,105,532	\$36,679,196
All other cereal products—"breakfast foods," oatmeal, rolled oats, etc.....	\$4,720,106	( <sup>1</sup> )	( <sup>1</sup> )
All other products.....	\$7,408,016	\$4,554,895	\$4,673,751

<sup>1</sup> In addition, merchant-ground products, valued at \$1,637,228, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The items covered by this amount were wheat flour, 105,477 barrels, valued at \$614,952; corn meal, 32,804 barrels, valued at \$87,507; rye flour, 2,620 barrels, valued at \$12,330; feed, 33,765 tons, valued at \$907,165; and offal, 627 tons, valued at \$15,274; and in addition, "breakfast foods," to the value of \$36,978,613, were made by establishments engaged primarily in the manufacture of food preparations. See note to table on page 513, for custom ground by-products.

<sup>2</sup> In addition, "breakfast foods," to the value of \$23,904,952, were made by establishments engaged primarily in the manufacture of food preparations.

<sup>3</sup> Not reported separately.

**Rice, cleaning and polishing.**—The following table presenting statistics for the cleaning and polishing of

rice includes the quantity of rice milled, whether on a custom or exchange basis or in merchant mills. In 1909 there were 974,747,475 pounds of rice treated, as compared with 398,602,018 pounds in 1899, an increase of 144.5 per cent. The amount for 1909, however, was a little less than that for 1904. In 1909 there were only 3,873,735 pounds of foreign rough rice treated, as against 39,414,459 pounds in 1899. Attention is called to the fact that in 1909 whole rice formed 76.3 per cent of the total quantity of cleaned rice and broken rice 23.7 per cent, whereas in 1904 whole rice formed 65.9 per cent and broken rice 34.1 per cent of the cleaned-rice product.

Table 37	1909	1904	1899
<b>MATERIALS.</b>			
Rough rice milled, pounds.....	974,747,475	999,727,650	398,602,018
Domestic.....	970,873,740	990,473,625	359,187,559
Foreign.....	3,873,735	9,254,025	39,414,459
<b>PRODUCTS.</b>			
Total value.....	\$22,371,457	\$16,296,916	\$8,723,726
Clean rice:			
Pounds.....	626,089,489	623,000,245	243,031,200
Value.....	\$20,685,982	\$15,357,133	( <sup>1</sup> )
Whole—			( <sup>1</sup> )
Pounds.....	477,589,004	411,208,943	( <sup>1</sup> )
Value.....	\$17,398,736	\$12,077,124	( <sup>1</sup> )
Broken—			( <sup>1</sup> )
Pounds.....	148,500,485	212,691,302	( <sup>1</sup> )
Value.....	\$3,287,246	\$3,280,009	( <sup>1</sup> )
Polish:			
Pounds.....	29,821,813	33,290,331	15,134,648
Value.....	\$62,052	\$267,647	( <sup>1</sup> )
Bran:			
Pounds.....	91,208,529	120,694,130	69,265,012
Value.....	\$736,215	\$501,193	( <sup>1</sup> )
Hulls and waste.....	\$166,147	\$116,360	( <sup>1</sup> )
All other products.....	\$421,061	\$54,583	( <sup>1</sup> )

<sup>1</sup> In addition, 48,150 pounds of clean rice, valued at \$1,449, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

**Slaughtering and meat packing.**—Table 38 presents statistics for the wholesale slaughtering and meat-packing industry. It includes the manufacture of sausage when done in connection with slaughtering or meat packing or when carried on in independent establishments, but it does not include the rendering of lard in independent establishments or the operations of retail butchers. The cost of all materials reported for the industry was \$1,202,827,784 in 1909 and \$685,310,099 in 1899, an increase of 75.5 per cent. The total value of products increased from \$788,367,647 in 1899 to \$1,370,568,101 in 1909, or 73.8 per cent.

A portion of the dressed meat reported as material was obtained from slaughtering establishments included in the tabulation, and therefore is duplicated in the total value of products.

On account of the higher prices in 1909, the percentages of increase in value from 1899 to 1909 for the different kinds of products are somewhat greater than the percentages of increase in quantity. This is



especially marked in the case of pork, which shows an increase of only 16,421,398 pounds, or less than 1 per cent, from 1899 to 1909, while the value of the product

increased \$166,376,042, or 51.9 per cent. The quantity of lard increased 223,785,765 pounds, or 21.9 per cent, while its value increased \$73,256,353, or 119.8 per cent.

Table 38	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
Total cost.....	\$1,202,827,784	\$811,425,562	\$685,310,099	Pork <sup>2</sup> —Continued.			
Animals slaughtered.....	\$960,725,581	\$675,893,676	\$570,183,432	Salted—			
Beef—				Pounds.....	952,130,557	1,538,886,256	1,371,384,591
Number.....	8,114,860	7,147,835	5,525,824	Value.....	\$85,959,048	\$116,626,710	\$88,363,629
Cost.....	\$392,127,010	\$289,040,930	\$247,146,262	Hams—			
Weight, pounds—				Pounds.....	789,861,744		
On the hoof.....	8,265,991,836	7,485,407,944	5,908,165,706	Value.....	\$101,089,300		
Dressed.....	4,409,718,922	4,066,264,877	3,222,733,617	Shoulders—			
Calves—				Pounds.....	346,294,769	1,364,015,706	1,767,313,787
Number.....	2,564,728	1,568,130	883,857	Value.....	\$33,225,458	\$132,210,611	\$148,171,166
Cost.....	\$25,030,014	\$12,665,557	\$7,252,545	Bacon and sides—			
Weight, pounds—				Pounds.....	741,345,933		
On the hoof.....	419,604,080	261,683,572	124,354,340	Value.....	\$97,856,403		
Dressed.....	202,315,076	161,049,581	79,498,483	Sausage, fresh or cured.....	\$59,564,582	\$33,179,235	\$25,982,709
Sheep—				All other fresh meat:			
Number.....	12,255,501	10,875,339	9,110,172	Pounds.....	257,809,083	124,307,681	80,387,411
Cost.....	\$59,924,931	\$44,359,804	\$36,859,832	Value.....	\$16,392,768	\$9,579,718	\$7,810,553
Weight, pounds—				Canned goods:			
On the hoof.....	987,566,521	930,168,367	764,269,802	Pounds.....	121,376,837	(1)	112,443,021
Dressed.....	496,649,869	464,872,621	389,132,646	Value.....	\$15,345,543	\$16,114,665	\$9,166,931
Hogs—				Lard:			
Number.....	33,870,616	30,977,639	30,595,522	Pounds.....	1,243,567,604	1,169,086,400	1,019,781,839
Cost.....	\$483,383,848	\$329,765,480	\$278,370,494	Value.....	\$134,396,587	\$82,540,964	\$61,140,234
Weight, pounds—				Tallow or oleo stock:			
On the hoof.....	6,856,832,417	6,586,349,782	6,676,709,331	Pounds.....	202,844,139	(1)	(1)
Dressed.....	5,201,902,778	5,048,832,850	5,203,280,487	Value.....	\$13,499,659	(1)	(1)
Goats and kids—				Oleo oil:			
Number.....	33,224	(1)	(1)	Gallons.....	19,692,172	19,454,799	19,111,120
Cost.....	\$121,230	(1)	(1)	Value.....	\$16,475,726	\$10,201,911	\$11,482,542
All other.....	\$138,548	\$61,905	\$554,299	Other oils:			
Dressed meat, purchased.....	\$93,409,286	\$53,114,957	\$54,247,986	Gallons.....	11,343,186	4,893,133	8,240,569
All other materials.....	\$148,692,917	\$82,416,929	\$60,878,681	Value.....	\$6,350,745	\$2,595,951	\$3,438,358
<b>PRODUCTS.</b>				Oleomargarine:			
Total value.....	\$1,370,568,101	\$922,037,528	\$788,367,647	Pounds.....	42,912,466	(1)	(1)
Beef: <sup>1</sup>				Value.....	\$5,963,981	(1)	(1)
Pounds.....	4,335,674,330	3,884,952,074	3,055,241,979	Stearin:			
Value.....	\$339,742,608	\$255,204,676	\$220,495,401	Pounds.....	54,957,997	(1)	(1)
Fresh—				Value.....	\$6,871,935	(1)	(1)
Pounds.....	4,209,196,668	3,748,055,377	2,917,653,476	Glue and gelatine:			
Value.....	\$327,583,456	\$247,096,724	\$210,833,647	Pounds.....	27,936,035	17,526,456	(1)
Salted or cured—				Value.....	\$1,944,338	\$1,087,719	(1)
Pounds.....	126,477,662	136,896,697	137,588,503	Fertilizers and fertilizer materials:			
Value.....	\$12,159,152	\$8,107,952	\$9,661,754	Tons (2,000 pounds).....	362,136	369,074	168,505
Veal, fresh:				Value.....	\$8,726,818	\$7,204,061	\$3,300,042
Pounds.....	252,997,078	154,212,652	84,548,128	Hides:			
Value.....	\$25,058,886	\$12,856,369	\$7,709,772	Number.....	9,560,138	8,059,204	6,249,414
Mutton, fresh:				Pounds.....	504,563,930	456,443,857	335,968,207
Pounds.....	495,457,894	460,754,244	400,812,014	Value.....	\$68,401,515	\$44,206,107	\$33,883,026
Value.....	\$50,735,116	\$36,880,455	\$32,681,457	Sheep pelts:			
Pork: <sup>1</sup>				Number.....	11,691,308	11,344,544	(1)
Pounds.....	4,377,127,187	4,147,834,872	4,360,705,789	Value.....	\$11,404,556	\$8,964,643	(1)
Value.....	\$486,845,161	\$340,586,644	\$320,469,119	Goat and kid skins:			
Fresh—				Number.....	33,359	(1)	(1)
Pounds.....	1,547,494,184	1,224,932,910	1,222,007,411	Value.....	\$20,679	(1)	(1)
Value.....	\$158,714,862	\$91,749,323	\$83,934,324	Wool:			
				Pounds.....	21,858,926	16,377,333	13,176,686
				Value.....	\$8,327,095	\$5,229,521	\$3,334,439
				Amount received for custom or contract work.....	\$1,329,739	\$198,825	\$141,154
				All other products.....	\$93,170,064	\$55,406,064	\$47,331,910

<sup>1</sup> Figures not available.

<sup>2</sup> Includes only the products specified.

**Sugar.**—Tables 39, 40, and 41 show the quantity and value of the products made from sugar beets and sugar cane of domestic growth, and the quantity of beets grown and the acreage devoted to this crop. They do not include statistics for maple sugar and sirup, or for sirup produced on farms from sugar and sorghum cane, or the data for establishments engaged primarily in the refining of cane sugar or molasses. The value of products of the domestic beet-sugar and cane-sugar mills amounted to \$77,991,683. In 1909 the value of products of the refineries above mentioned aggregated \$248,628,659. Of this value the cost of materials, which consist chiefly of raw sugar imported from Cuba, Porto Rico, Hawaii, and the Philippines, represented 90.9 per cent. The

combined value of products of all establishments producing raw or refined sugar was \$326,620,342 in 1909. This amount includes some duplication in the case of raw sugar produced by cane mills and used as material for the refineries.

As shown by Tables 39, 40, and 41, the total production of sugar in 1909 from beets and cane of domestic growth was 828,540 tons, of which beet sugar constituted 60.6 per cent and cane sugar 39.4 per cent. The output of beet sugar increased more than five-fold in quantity since 1899, while the production of cane sugar, for which statistics for previous censuses can not be presented in comparable form, has increased but slightly. The *ton of 2,000 pounds* is used in showing quantities.



Table 39 PRODUCT.	1909	
	Tons.	Value.
Total.....		\$77,991,683
Beet-sugar industry.....		48,122,383
Cane-sugar industry.....		29,869,300
Sugar.....	828,540	72,033,302
Beet.....	501,682	45,937,629
Cane.....	326,858	26,095,673
Molasses, sirup, and all other products.....		5,958,381
Beet.....		2,184,754
Cane.....		3,773,627

The following table presents the statistics for the beet-sugar industry for the censuses of 1909, 1904, and 1899:

Table 40	1909	1904	1899
Acreage of sugar beets, total planted.....	415,964	240,757	135,305
Directly by factory.....	29,459	20,484	10,239
By tenants of factory.....	18,166	20,223	13,074
On contract by others than tenants of factory.....	368,339	200,050	111,992
Beets used, tons.....	3,965,356	2,175,417	794,658
Grown directly by factory.....	266,768	169,839	23,241
Grown by tenants of factory.....	163,843	210,247	95,071
Grown on contract by others than tenants of factory.....	3,534,745	1,795,331	676,346
PRODUCTS.			
Total value.....	\$48,122,383	\$24,393,794	\$7,323,857
Sugar:			
Granulated—			
Tons.....	496,807	248,309	57,843
Value.....	\$45,645,810	\$23,493,373	\$5,580,527
Raw—			
Tons.....	4,875	5,612	23,886
Value.....	\$291,819	\$431,229	\$1,642,054
Molasses or sirup:			
Gallons.....	20,812,747	9,609,542	<sup>1</sup> 3,551,856
Value.....	\$1,129,905	\$221,097	\$25,102
Beet pulp.....	\$795,900	\$202,070	\$21,822
All other products.....	\$258,949	\$46,025	\$54,352

<sup>1</sup> Includes quantities for which no value could be given; also wastage.

The statistics for cane mills for 1909 are shown in detail in Table 41.

Table 42 CENSUS.	Number of establishments.	NUMBER ENGAGED IN INDUSTRY. <sup>1</sup>		Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
		Salaried employees.	Wage earners (average number).						
1909 (census of 1910).....	5,352	31,208	881,128	\$1,841,242,131	\$49,123,634	\$335,398,736	\$992,635,299	\$1,684,636,499	\$692,001,200
1904 (census of 1905).....	4,737	24,372	742,529	1,351,451,715	32,862,121	250,514,233	753,174,981	1,225,686,444	472,511,463
1899 (census of 1900).....	4,521	17,024	664,429	1,049,636,201	23,532,773	210,069,411	527,209,771	940,052,688	412,842,917
1889 (census of 1890).....	4,420	<sup>2</sup> 10,851	529,196	772,673,605	<sup>2</sup> 12,743,405	169,422,053	454,272,489	768,357,254	314,084,765
1879 (census of 1880).....	4,143	( <sup>3</sup> )	<sup>4</sup> 387,557	414,179,946	( <sup>3</sup> )	105,642,824	306,495,799	538,401,222	231,905,423
1869 (census of 1870).....	4,855	( <sup>3</sup> )	275,655	298,611,518	( <sup>3</sup> )	86,784,211	354,452,813	522,312,413	167,859,600
1859 (census of 1860).....	3,058	( <sup>3</sup> )	194,394	150,205,852	( <sup>3</sup> )	40,410,946	113,082,036	215,166,444	102,084,408
1849 (census of 1850).....	3,025	( <sup>3</sup> )	146,877	112,513,947	( <sup>3</sup> )	( <sup>3</sup> )	76,715,959	128,769,971	52,054,012

<sup>1</sup> Not including proprietors and firm members.

<sup>2</sup> Includes proprietors and firm members with their salaries.

<sup>3</sup> Not reported separately.

<sup>4</sup> Includes 2,115 officers and clerks whose salaries were not reported.

<sup>5</sup> Not reported fully.

The combined products of the industry in 1909 were valued at \$1,684,636,499, an increase of \$744,583,811, or 79.2 per cent, over the total for 1899. The total includes considerable duplication of values, but probably no more, relatively, than at previous censuses.

The percentage of increase since 1899 is the highest for any decade since that from 1859-1869. In 1909

Table 41 PRODUCT.	1909
Total value.....	\$30,620,738
Sugar: <sup>1</sup>	
Tons.....	326,858
Value.....	\$26,095,673
Vacuum pan—	
Tons.....	323,190
Value.....	\$25,794,287
Brown (open-kettle process)—	
Tons.....	3,678
Value.....	\$301,386
Molasses (liquid product from which more or less sugar has been extracted):	
Gallons.....	24,587,581
Value.....	\$2,845,559
Sirup (liquid product from which no sugar has been extracted):	
Gallons.....	1,449,890
Value.....	\$365,632
All other products <sup>2</sup> .....	\$1,313,874

<sup>1</sup> Does not include the operations of four establishments which manufacture sugar, two of which were operated in connection with penal institutions and two of which were engaged primarily in the manufacture of products other than those covered by the industry designation. The output of these establishments was 7,281 tons of sugar and 693,302 gallons of molasses.

<sup>2</sup> Cane sugar manufactured direct from cane, not including the refining of raw sugar purchased.

<sup>3</sup> The value of sirup produced by establishments which manufacture no sugar is included under "All other products."

### TEXTILES.

Statistics are presented for several branches of the textile and allied manufacturing industries, designated as follows: Carpets and rugs, other than rag; cordage and twine and jute and linen goods; cotton goods, including cotton small wares; hats, fur-felt; hosiery and knit goods; oilcloth and linoleum; shoddy; silk and silk goods, including throwsters; and woolen, worsted, and felt goods, and wool hats.

Table 42 shows the development of the textile industry since 1850. It covers all the industries mentioned above except the manufacture of fur-felt hats and of oilcloth and linoleum, for which statistics are shown in separate tables, and also includes the dyeing and finishing of textiles.

cotton goods contributed 37.3 per cent of the value of all products represented in the total; the products of the woolen industries, including carpets and rugs, 30.1 per cent; hosiery and knit goods, 11.9 per cent; silk goods, 11.7 per cent; cordage and twine and jute and linen goods, 3.6 per cent; shoddy, four-tenths of 1 per cent; and the dyeing and finishing of textiles by independent establishments, 5 per cent.



The following table gives the number of producing spindles in active textile mills at the time of each census from 1869 to 1909, inclusive. It does not include spindles in establishments engaged primarily in the manufacture of products other than textiles, nor spindles employed on flax, hemp, jute, and allied fibers, of which latter class 142,169 were returned in 1909.

CENSUS.	NUMBER OF SPINDLES.				
	Total.	Cotton.	Silk.	Woolen.	Worsted.
1909 (census of 1910)...	33,866,479	28,178,862	1,777,962	2,156,849	1,752,806
1904 (census of 1905)...	28,721,742	23,672,064	1,394,020	2,456,389	1,199,269
1899 (census of 1900)...	23,901,557	19,463,984	1,213,493	2,229,181	994,899
1889 (census of 1890)...	18,092,133	14,384,180	718,360	2,332,269	657,324
1879 (census of 1880)...	13,170,743	10,653,435	262,312	1,915,070	339,926
1869 (census of 1870)...	9,338,953	7,280,800	12,040	1,845,496	200,617

<sup>1</sup> Includes some accessory spindles, except for silk.

The percentage of increase in the total number of spindles was greater from 1899 to 1909 than for any other decade shown. In 1909 cotton spindles formed 83.2 per cent of the total number, silk spindles 5.2 per cent, and woolen and worsted spindles combined 11.5 per cent. In 1909 cotton spindles represented a slightly larger proportion of all spindles than in 1904 and 1899 and woolen and worsted spindles a slightly smaller proportion.

The loom equipment of active establishments at the time of the several censuses, beginning with that of 1869, is presented in the following table. It does not include looms in establishments engaged primarily in the manufacture of products other than textiles, nor looms employed on flax, hemp, jute, and similar fibers. Cotton looms operated by power formed 80.6 per cent of the total number of power looms in 1909; silk looms, 9.1 per cent; and those employed in the woolen industry, which includes the manufacture of woolen and worsted goods and carpets and rugs, 10.2 per cent. In 1899 the corresponding percentages were 79.5 for cotton looms, 7.7 for silk, and 12.8 for those in the woolen industries.

CLASS OF LOOMS AND CENSUS.	NUMBER OF LOOMS.					
	Total.	Used in the manufacture of—				
		Cotton goods.	Silk goods.	Woolen goods.	Worsted goods.	Carpets and rugs.
<b>Power:</b>						
1909 (census of 1910)...	825,478	665,652	75,406	33,148	39,476	11,796
1904 (census of 1905)...	696,785	559,781	59,775	38,104	28,123	11,002
1899 (census of 1900)...	573,214	455,752	44,257	36,734	26,630	9,841
1889 (census of 1890)...	412,441	324,806	20,822	38,523	19,929	8,301
1879 (census of 1880)...	285,494	227,383	5,321	32,965	11,703	8,132
1869 (census of 1870)...	200,791	157,748	1,281	34,183	6,128	1,451
<b>Hand:</b>						
1909 (census of 1910)...	248	( <sup>1</sup> )	( <sup>2</sup> )	41		207
1904 (census of 1905)...	1,039	( <sup>1</sup> )	283	66		690
1899 (census of 1900)...	1,311	( <sup>1</sup> )	173	83		1,055
1889 (census of 1890)...	4,823	( <sup>1</sup> )	1,747	448		2,628
1879 (census of 1880)...	7,929	( <sup>1</sup> )	3,153	781		3,995
1869 (census of 1870)...	4,163	( <sup>1</sup> )	188	( <sup>1</sup> )		3,975

<sup>1</sup> Not reported.

<sup>2</sup> Included with power looms.

**Carpets and rugs.**—The following table presents statistics for the manufacture of carpets and rugs, exclusive of rag and grass carpets and rugs.

Table 45		1909	1904	1899
<b>MATERIALS.</b>				
<b>Total cost</b> .....		\$39,563,004	\$37,947,954	\$27,228,719
Wool, in condition purchased:				
Pounds.....		64,135,020	51,320,521	51,871,334
Cost.....		\$11,732,396	\$10,431,146	\$8,104,107
Equivalent of above in scoured condition, pounds.....		51,474,353	31,551,895	37,560,231
Animal hair:				
Pounds.....		5,400,944	6,805,802	6,189,757
Cost.....		\$474,057	\$593,588	\$549,610
Cotton:				
Pounds.....		5,147,130	1,997,369	1,943,942
Cost.....		\$533,302	\$251,112	\$129,449
Partly manufactured materials not made in mill reporting:				
Waste and noils—				
Pounds.....		2,732,034	2,172,481	2,325,054
Cost.....		\$513,392	\$341,309	\$305,733
Yarns—				
Woolen—				
Pounds.....		25,718,747	32,431,400	32,996,316
Cost.....		\$5,036,118	\$6,648,001	\$5,030,654
Worsted—				
Pounds.....		11,292,749	11,355,993	9,218,267
Cost.....		\$5,588,915	\$5,405,072	\$3,544,860
Cotton—				
Pounds.....		26,166,241	27,421,831	19,823,561
Cost.....		\$4,772,594	\$4,757,830	\$2,744,928
Linen—				
Pounds.....		8,792,876	8,228,200	8,388,211
Cost.....		\$1,606,009	\$1,355,892	\$1,164,826
Jute, ramie, and other vegetable fiber—				
Pounds.....		55,592,343	49,119,558	38,846,413
Cost.....		\$3,926,694	\$3,404,516	\$2,476,029
Chemicals and dyestuffs.....		\$1,729,492	\$1,467,476	\$1,151,726
All other materials.....		\$3,630,035	\$3,291,992	\$2,026,797
<b>PRODUCTS.</b>				
<b>Total value</b> .....		\$71,188,152	\$61,586,433	\$48,192,351
Carpets:				
Square yards.....		57,176,729	66,426,033	64,238,761
Value.....		\$48,475,889	\$43,991,125	\$35,405,926
Axminster and Moquette—				
Square yards.....		12,507,261	6,413,686	5,026,778
Value.....		\$13,680,806	\$6,368,757	\$4,762,269
Wilton—				
Square yards.....		4,576,368	1,297,872	2,587,126
Value.....		\$8,737,768	\$2,726,667	\$4,030,842
Brussels—				
Square yards.....		3,960,626	3,024,162	2,686,493
Value.....		\$5,216,607	\$3,898,675	\$2,979,867
Tapestry velvet—				
Square yards.....		2,927,198	2,833,288	4,280,066
Value.....		\$5,514,130	\$7,754,681	\$3,743,333
Tapestry Brussels—				
Square yards.....		11,405,514	14,099,074	8,737,449
Value.....		\$8,576,906	\$9,955,043	\$5,520,665
Ingrain—				
Square yards.....		17,799,762	33,557,951	39,920,849
Value.....		\$6,749,672	\$13,287,302	\$14,368,930
Rugs, woven whole:				
Square yards.....		24,042,152	16,244,810	12,171,289
Value.....		\$18,490,449	\$12,870,650	\$8,145,232
Axminster and Moquette—				
Square yards.....		3,184,097	1,767,920	327,598
Value.....		\$3,691,900	\$2,107,383	\$342,262
Wilton—				
Square yards.....		767,248	1,097,186	339,784
Value.....		\$1,381,562	\$1,983,777	\$545,967
Brussels—				
Square yards.....		475,831	( <sup>1</sup> )	( <sup>1</sup> )
Value.....		\$333,582	( <sup>1</sup> )	( <sup>1</sup> )
Tapestry velvet—				
Square yards.....		3,732,972	( <sup>1</sup> )	( <sup>1</sup> )
Value.....		\$3,513,063	( <sup>1</sup> )	( <sup>1</sup> )
Tapestry Brussels—				
Square yards.....		5,672,962	2,009,834	18,750
Value.....		\$4,422,427	\$1,509,673	\$9,000
Ingrain art squares—				
Square yards.....		6,131,862	7,135,546	2,722,323
Value.....		\$2,408,960	\$2,785,457	\$1,175,951
Smyrna—				
Square yards.....		1,400,233	3,828,282	3,651,661
Value.....		\$1,660,322	\$4,134,500	\$3,680,618
Other—				
Square yards.....		2,676,947	406,042	5,111,173
Value.....		\$1,078,633	\$349,860	\$2,391,434
All other products.....		\$4,221,814	\$4,724,658	\$4,641,193
<b>MACHINERY.</b>				
Sets of cards.....		745	686	468
Woolen.....		456	389	.....
Worsted.....		180	238	.....
Cotton.....		109	59	.....
Spindles.....		252,096	255,347	209,206
Producing.....		211,472	211,331	167,123
Doubling and twisting.....		40,624	44,016	42,083
Looms, all classes.....		12,271	13,833	12,511

<sup>1</sup> In addition, in 1909 carpets and rugs, to the value of \$479,161, and in 1904, to the value of \$70,000, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Includes Wilton velvet.

<sup>3</sup> Not reported separately.

<sup>4</sup> Not reported fully.



The aggregate production of carpets and rugs increased from 76,410,050 square yards in 1899 to 81,218,881 square yards in 1909, or only 6.3 per cent, but the value of the output increased from \$43,551,158 in 1899 to \$66,966,338 in 1909, or 53.8 per cent. The increase has been in all classes of rugs except Smyrna and "other rugs" and in all classes of carpets except ingrain. The cost of materials used increased at a rate almost equal to that of the value of products. The total carpet product decreased 11 per cent in quantity during the decade, but increased 36.9 per cent in value. The output of pile carpets increased 61.9 per cent in quantity and 98.3 per cent in value, while that of woven ply or ingrain carpets decreased 55.4 per cent in quantity and 53 per cent in value. The production of rugs woven whole increased 97.5 per cent in quantity and 127 per cent in value. More than two-thirds of the fiber material used in the manufacture of carpets is yarn purchased, and to the extent that this yarn is manufactured by carpet mills there is a duplication in the products.

**Cordage and twine and jute and linen goods.**—Table 46 presents statistics for the manufacture of cordage and twine and jute and linen goods, including nets and seines, but does not include the figures for these classes of goods produced in penal institutions or in establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

The principal products manufactured in this country from flax, hemp, and jute fibers are twine, rope, and thread, and yarns for sale to establishments using chiefly cotton, wool, and silk fibers.

The production of linen toweling and other linen woven goods increased decidedly between 1899 and 1909, but this item is not shown separately in the table, because a very large proportion of the total product is manufactured by one establishment.

The output of gunny bagging decreased from 74,090,760 square yards in 1899 to 69,311,288 square yards in 1909, while its value increased from \$3,462,479 to \$3,507,482. The aggregate rope and twine product in 1909 was 504,020,697 pounds, valued at \$42,864,658, as compared with 343,656,384 pounds, valued at \$31,250,468, in 1899. In 1899 cotton rope and twine formed 3 per cent of the total output of the cordage and twine industry, and in 1909, 7.4 per cent. This class of products increased 260.6 per cent in quantity and 372.9 per cent in value during the decade, while rope and twine of all other fiber increased 40 per cent in quantity and 21.6 per cent in value. In addition to the cotton rope and twine product included in the figures given above, 21,319,678 pounds, valued at \$3,581,917, were made in 1909 in mills engaged primarily in the manufacture of cotton goods.

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Table 46	1909	1899
<b>MATERIALS.</b>		
<b>Total cost.....</b>	<b>\$40,914,810</b>	<b>\$33,063,793</b>
Hard fibers:		
Sisal and manila hemp—		
Pounds.....	335,460,574	269,594,673
Cost.....	\$19,314,306	\$17,743,624
Other kinds—		
Pounds.....	17,222,998	6,344,371
Cost.....	\$707,802	\$352,528
Soft fibers:		
Jute—		
Pounds.....	121,992,427	87,443,201
Cost.....	\$4,134,265	\$2,431,429
Jute butts—		
Pounds.....	138,364,122	118,806,625
Cost.....	\$2,033,176	\$1,795,653
Flax and flax tow—		
Pounds.....	26,954,785	16,980,646
Cost.....	\$3,174,609	\$2,080,862
Hemp and hemp tow—		
Pounds.....	19,724,070	25,588,715
Cost.....	\$1,496,125	\$1,404,653
Cotton:		
Pounds.....	27,624,490	13,022,755
Cost.....	\$2,022,933	\$840,426
Yarns, purchased:		
Cotton—		
Pounds.....	7,077,959	4,973,080
Cost.....	\$1,291,599	\$709,899
Flax, hemp, jute, and ramie—		
Pounds.....	2,676,367	1,890,792
Cost.....	\$445,378	\$304,161
All other materials.....	\$5,394,617	\$5,391,568
<b>PRODUCTS.</b>		
<b>Total value.....</b>	<b>\$61,019,986</b>	<b>\$49,077,629</b>
Rope and binder twine.....	\$33,930,306	\$26,909,027
Sisal—		
Pounds.....	225,756,526	172,238,291
Value.....	\$15,960,280	\$14,005,566
Manila—		
Pounds.....	150,160,682	123,584,201
Value.....	\$12,892,347	\$12,192,798
Cotton rope—		
Pounds.....	16,760,763	1,615,824
Value.....	\$3,011,613	\$247,250
Jute rope—		
Pounds.....	27,749,512	10,012,165
Value.....	\$1,566,160	\$463,413
All other—		
Pounds.....	7,767,561	(*)
Value.....	\$409,906	(*)
Twine, not including binder.....	\$8,934,352	\$4,341,441
Cotton—		
Pounds.....	20,412,631	8,691,707
Value.....	\$3,518,036	\$1,133,640
Jute—		
Pounds.....	35,516,217	1,679,127
Value.....	\$2,557,744	\$117,539
Hemp—		
Pounds.....	8,013,349	9,065,024
Value.....	\$1,091,291	\$1,019,590
Flax—		
Pounds.....	2,967,053	3,845,978
Value.....	\$830,960	\$969,469
Flax or hemp mixed with jute—		
Pounds.....	8,907,403	12,924,067
Value.....	\$936,312	\$1,101,203
Yarns for sale.....	\$5,434,037	\$4,455,734
Jute—		
Pounds.....	62,512,247	54,271,860
Value.....	\$4,361,550	\$3,230,835
Flax and hemp—		
Pounds.....	5,486,891	8,259,653
Value.....	\$982,742	\$1,125,971
Other—		
Pounds.....	732,120	946,567
Value.....	\$89,745	\$98,028
Linen thread:		
Pounds.....	6,530,503	4,021,044
Value.....	\$3,407,008	\$2,332,287
Gunny bagging:		
Square yards.....	69,311,288	74,090,760
Value.....	\$3,507,482	\$3,462,479
Jute carpets and rugs:		
Square yards.....	2,206,114	2,953,658
Value.....	\$549,221	\$357,568
All other products.....	\$5,257,580	\$7,219,093

\* In addition, cordage and twine and jute and linen goods to the value of \$90,629 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

\* Not reported.



**Cotton goods, including cotton small wares.**—Table 47 presents the statistics for cotton manufactures, not including cotton hosiery and knit goods.

The aggregate value of cotton woven goods manufactured, exclusive of narrow weaves, such as tape and webbing, was \$456,089,401 in 1909, compared with \$243,253,155 in 1899, an increase of 87.5 per cent for the decade. The rate of increase, however, in quantity was very much less, 6,348,568,593 square yards of woven goods being reported in 1909, compared with

4,523,430,616 in 1899, an increase of 40.3 per cent. The output of almost every class of woven goods increased during the decade.

The total production of yarn in cotton mills in 1909 was 2,040,290,743 pounds, of which 470,370,995 pounds, valued at \$109,314,953, were made for sale. Part of this yarn was sold to other cotton mills, thus involving duplication in the total value of products for the industry. Some of it was sold to woolen and silk mills and a large quantity to knitting mills.

Table 47	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
<b>Total cost.....</b>	<b>\$371,009,470</b>	<b>\$286,255,303</b>	<b>\$176,551,527</b>	<b>Woven goods—Continued.</b>			
Cotton:				Napped fabrics—			
Pounds.....	2,335,344,906	1,876,437,150	1,817,643,390	Square yards.....	305,655,864	330,808,140	268,832,716
Cost.....	\$274,724,210	\$222,212,749	\$125,169,616	Value.....	\$25,695,367	\$26,108,315	\$18,231,044
Domestic—				Corduroy, cotton, velvet, and			
Pounds.....	2,259,312,974	1,832,736,744	1,761,798,458	plush—			
Cost.....	\$261,547,820	\$214,615,844	\$119,098,443	Square yards.....	19,706,438	16,014,556	7,961,523
Foreign—				Value.....	\$6,965,634	\$4,790,573	\$2,682,017
Pounds.....	76,031,932	43,700,406	55,844,932	Mosquito and other netting—			
Cost.....	\$13,176,390	\$7,596,905	\$6,071,173	Square yards.....	50,100,819	36,232,918	41,885,023
Cotton yarn:				Value.....	\$2,103,560	\$794,953	\$875,868
Pounds.....	126,707,003	105,411,516	94,622,864	Upholstering goods—			
Cost.....	\$34,384,791	\$24,611,200	\$17,622,568	Square yards.....	94,840,051	65,592,212	51,314,609
Cotton waste:				Value.....	\$14,882,842	\$12,111,698	\$8,705,384
Pounds.....	80,044,061	76,678,645	41,234,900	Tapestries (piece goods and			
Cost.....	\$4,225,790	\$3,814,290	\$1,515,591	curtains)—			
Starch:				Square yards.....	10,657,385	9,605,006	10,166,538
Pounds.....	71,774,574	54,489,534	53,800,734	Value.....	\$4,723,907	\$4,242,506	\$4,158,600
Cost.....	\$2,114,756	\$1,506,894	\$1,227,010	Lace and lace curtains—			
Chemicals and dyestuffs.....	\$4,886,514	\$4,573,375	\$5,718,107	Square yards.....	81,007,314	53,511,222	37,825,198
All other materials.....	\$50,673,409	\$29,536,885	\$25,298,635	Value.....	\$8,922,082	\$7,208,211	\$3,585,138
<b>PRODUCTS.</b>				Other—			
<b>Total value.....</b>	<b>\$628,391,813</b>	<b>\$450,467,704</b>	<b>\$339,300,320</b>	Square yards.....	3,175,352	2,475,984	3,322,873
Woven goods:				Value.....	\$1,236,853	\$660,981	\$961,646
Square yards.....	6,348,568,593	5,110,308,812	4,523,430,616	Bags and bagging—			
Value.....	\$456,089,401	\$324,747,837	\$243,253,155	Square yards.....	63,107,568	57,067,663	32,739,616
Plain cloths for printing or con-				Value.....	\$4,862,451	\$3,953,732	\$2,554,192
verting—				Cotton towels and toweling—			
Square yards.....	2,224,677,848	1,818,216,172	1,581,613,827	Square yards.....	52,778,170	40,280,292	(?)
Value.....	\$111,097,889	\$80,311,612	\$57,780,940	Value.....	\$6,037,075	\$4,365,470	(?)
Brown or bleached sheetings and				Tape and webbing.....	\$5,531,674	\$4,060,488	\$2,521,402
shirtings—				Yarns for sale:			
Square yards.....	1,484,353,529	1,172,309,182	1,212,403,048	Pounds.....	470,370,995	364,634,753	332,302,621
Value.....	\$88,802,985	\$61,253,376	\$55,513,032	Value.....	\$109,314,953	\$79,939,687	\$55,216,066
Twills and sateens—				Thread:			
Square yards.....	388,314,961	366,142,513	235,860,518	Pounds.....	23,700,957	17,163,741	15,907,058
Value.....	\$34,274,107	\$23,701,305	\$14,301,302	Value.....	\$20,516,269	\$15,043,043	\$11,908,671
Fancy woven fabrics—				Twine:			
Square yards.....	426,710,359	306,254,685	237,841,603	Pounds.....	13,715,771	7,301,589	11,642,718
Value.....	\$47,498,713	\$28,486,342	\$21,066,310	Value.....	\$2,417,391	\$1,428,994	\$1,546,611
Ginghams—				Cordage and rope:			
Square yards.....	537,430,463	302,316,132	278,302,708	Pounds.....	7,603,907	(?)	(?)
Value.....	\$37,939,040	\$22,471,867	\$16,179,200	Value.....	\$1,164,526	(?)	(?)
Duck—				Cotton waste for sale:			
Square yards.....	162,476,322	122,601,212	129,234,076	Pounds.....	310,513,348	247,649,640	270,862,613
Value.....	\$27,485,892	\$17,005,982	\$14,263,068	Value.....	\$10,874,386	\$10,062,057	\$5,563,570
Drills—				All other products.....	\$22,483,213	\$15,185,598	\$19,190,845
Square yards.....	238,869,407	194,735,303	237,206,549	<b>MACHINERY.</b>			
Value.....	\$17,750,151	\$12,596,063	\$11,802,794	Producing spindles, number.....	27,425,608	23,195,143	19,060,902
Ticks, denims, and stripes—				Looms, all classes, number.....	665,049	539,296	455,752
Square yards.....	264,870,598	256,375,486	181,800,853				
Value.....	\$27,350,162	\$23,797,578	\$16,446,633				
Cottonades—							
Square yards.....	25,676,286	25,362,346	26,323,947				
Value.....	\$3,343,533	\$2,968,971	\$2,791,431				

<sup>1</sup> In addition, cotton goods to the value of \$2,224,096 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

**Felt goods.**—Table 48 covers the statistics for all establishments engaged primarily in the manufacture of felt goods except those making hats. The aggregate value of products of the three felting industries—the manufacture of felt goods, fur-felt hats, and wool-felt hats—was \$64,099,667 in 1909, \$48,035,213 in 1904, and \$37,864,818 in 1899, the increase in value from 1899 to 1909 being 69.3 per cent.

The value of products for the felt-goods industry, exclusive of the making of felt hats, was \$11,852,626 in 1909 and \$6,461,691 in 1899, an increase for the decade of 83.4 per cent.

The increase in the production of endless belts during the decade was particularly large, amounting to 191 per cent in quantity and 215.1 per cent in value.



Table 48	1909	1904	1899
<b>MATERIALS.</b>			
<b>Total cost.....</b>	<b>\$6,967,206</b>	<b>\$5,754,026</b>	<b>\$3,801,028</b>
Wool, in condition purchased:			
Pounds.....	12,409,826	11,868,238	9,606,263
Cost.....	\$3,927,393	\$3,388,588	\$2,196,440
Equivalent of above in scoured condition, pounds.....	9,308,172	8,131,082	6,468,097
Animal hair, etc.:			
Pounds.....	8,144,011	6,974,634	2,819,521
Cost.....	\$239,244	\$373,797	\$125,803
Cotton:			
Pounds.....	1,375,670	1,982,634	1,225,850
Cost.....	\$155,815	\$217,200	\$77,683
Shoddy, mungo, and wool extract:			
Pounds.....	2,536,243	1,532,127	712,373
Cost.....	\$261,878	\$157,031	\$80,737
Waste and noils:			
Pounds.....	4,874,712	1,948,969	2,653,590
Cost.....	\$1,220,110	\$452,509	\$552,992
Chemicals and dyestuffs.....	\$219,891	\$189,750	\$128,296
All other materials.....	\$942,875	\$975,151	\$639,077
<b>PRODUCTS.</b>			
<b>Total value.....</b>	<b>\$11,852,626</b>	<b>\$8,948,594</b>	<b>\$6,461,691</b>
Felt cloths:			
Square yards.....	3,764,468	3,689,610	2,056,002
Value.....	\$1,381,854	\$1,830,627	\$548,543
Trimming and lining felts, felt skirts, etc.:			
Square yards.....	5,953,410		
Value.....	\$1,329,686	5,145,340	2,469,530
Saddle felts:			
Pounds.....	1,650,991	\$1,188,908	\$796,718
Value.....	\$575,849		
Endless belts:			
Pounds.....	3,243,034	1,770,124	1,114,357
Value.....	\$3,417,822	\$1,707,216	\$1,084,835
Boot and shoe linings:			
Square yards.....	1,661,090	2,823,137	1,632,538
Value.....	\$514,456	\$781,450	\$540,110
Hair felting:			
Square yards.....	1,159,999	605,214	125,000
Value.....	\$531,045	\$191,998	\$56,950
All other felts.....	\$3,549,876	\$2,592,894	\$2,261,918
All other products.....	\$552,038	\$655,501	\$1,172,617
<b>MACHINERY.</b>			
Sets of cards.....	473	463	1302
Woolen.....	472	451	
Cotton.....	1	12	
Spindles.....	30,353	17,817	24,286
Producing.....	29,463	17,457	23,235
Doubling and twisting.....	890	360	1,051
Looms, all classes.....	408	265	284

<sup>1</sup> Not fully reported.

**Hats, fur-felt and wool-felt.**—The total output in 1909 of establishments engaged primarily in the manufacture of fur-felt or wool-felt hats was 42,962,508 hats of all varieties, valued at \$47,089,253; in 1904 it was 36,695,952 hats, valued at \$36,604,304; and in 1899, 32,325,564 hats, valued at \$28,546,867. Fur-felt hats, generally known as felt hats, formed 83.5 per cent of the total number in 1909 and 69.9 per cent in 1899, while wool-felt hats, generally known as wool hats, formed 16.5 per cent of the total in 1909 and 30.1 per cent in 1899.

There is some duplication in value of products, due to the use of felt hat bodies and hats in the rough made at one establishment as material at another.

The following table gives the quantity and value of the materials and products of the fur-felt hat industry in 1909, 1904, and 1899. The products increased in value 72.1 per cent during the decade, and the number of finished hats increased 58.8 per cent.

Table 49	1909	1904	1899
<b>MATERIALS.</b>			
<b>Total cost.....</b>	<b>\$22,109,231</b>	<b>\$15,975,206</b>	<b>\$13,513,668</b>
Hatters' fur:			
Pounds.....	8,645,576	6,718,359	6,166,269
Cost.....	\$9,278,922	\$6,743,936	\$6,376,991
Fur-felt hat bodies and hats in the rough:			
Dozens.....	406,447	211,760	148,212
Cost.....	\$2,575,248	\$1,351,372	\$882,986
Chemicals and dyestuffs.....	\$843,587	\$1,140,281	\$656,794
All other materials.....	\$9,411,474	\$6,739,617	\$5,596,897
<b>PRODUCTS.</b>			
<b>Total value.....</b>	<b>\$47,864,630</b>	<b>\$36,629,353</b>	<b>\$27,811,187</b>
Fur-felt hats:			
Dozens.....	2,989,252	2,611,875	1,882,372
Value.....	\$43,442,466	\$34,314,234	\$25,385,506
Fur-felt hat bodies and hats in the rough:			
Dozens.....	366,370	88,986	165,010
Value.....	\$2,703,738	\$660,959	\$962,730
All other products.....	\$1,164,872	\$1,093,361	\$941,032
Work on materials for others.....	\$553,554	\$560,799	\$491,919

<sup>1</sup> In addition, in 1909, fur-felt hats, to the value of \$806,601, and in 1904, to the value of \$333,441, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

The statistics for the manufacture of wool-felt hats are given in the following table. The increase in the total value of all products for the decade was 22.1 per cent. The output of finished wool hats in 1909, though greater than in 1904, showed a decrease of 27.2 per cent as compared with 1899.

Table 50	1909	1904	1899
<b>MATERIALS.</b>			
<b>Total cost.....</b>	<b>\$2,472,263</b>	<b>\$1,369,810</b>	<b>\$2,042,208</b>
Wool, in condition purchased:			
Pounds.....	1,203,498	1,633,525	2,713,374
Cost.....	\$404,127	\$495,594	\$788,973
Equivalent of above in scoured condition, pounds.....	989,110	1,231,576	1,898,605
Wool waste and noils:			
Pounds.....	1,281,764	287,363	862,982
Cost.....	\$661,172	\$119,407	\$370,792
Wool-felt hat bodies and hats in the rough:			
Dozens.....	21,864	12,089	4,939
Cost.....	\$83,020	\$25,997	\$13,930
Chemicals and dyestuffs.....	\$104,503	\$63,905	\$108,502
All other materials.....	\$1,219,441	\$664,907	\$760,015
<b>PRODUCTS.</b>			
<b>Total value.....</b>	<b>\$4,382,411</b>	<b>\$3,457,266</b>	<b>\$3,591,940</b>
Wool-felt hats:			
Dozens.....	590,957	446,121	811,425
Value.....	\$3,646,787	\$2,290,070	\$3,161,361
Wool-felt hat bodies and hats in the rough:			
Dozens.....	53,896	18,587	56,006
Value.....	\$309,492	\$100,491	\$120,262
All other products.....	\$426,132	\$66,705	\$310,317

<sup>1</sup> In addition, wool-felt hats, to the value of \$904,643, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

**Hosiery and knit goods.**—Table 51, presenting the statistics for hosiery and knit goods, includes hand-knit as well as machine-knit goods.

The total cost of materials in the hosiery and knit-goods industry was \$110,241,053 in 1909, \$76,789,348 in 1904, and \$51,195,330 in 1899. The cost of cotton and cotton yarn represented 51.7 per cent of the total cost of material used in 1909, 52.4 per cent in 1904, and 50.3 per cent in 1899. A portion of the yarn reported as material was purchased from other establish-



ments included in this classification and is therefore duplicated in the value of products. The increase in the total cost of materials in 1909 over the cost for 1899 was 115.3 per cent, and the increase in the total value of products was 108.8 per cent. Of the total value of the products, shirts and drawers contributed 34.8 per cent in 1909 and 47.7 per cent in 1899, while hosiery contributed 34.3 per cent in 1909 and 28.6 per cent in 1899. The hosiery product increased in value from

\$27,420,029 in 1899 to \$68,721,825 in 1909, or 150.6 per cent, and shirts and drawers from \$45,675,594 to \$69,592,817, or 52.4 per cent. Sweaters, cardigan jackets, etc., show the largest relative increase in value for the decade, and combination suits the next largest, the value of the former increasing from \$3,498,837 to \$22,430,817, or more than fivefold, and that of the latter from \$3,691,847 to \$14,853,536, or about threefold.

Table 51	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
Total cost.....	\$110,241,053	\$76,789,348	\$51,195,330	Hosiery—Continued.			
Cotton:				Silk—			
Pounds.....	75,416,023	50,586,760	49,451,301	Dozen pairs.....	434,414	42,065	12,572
Cost.....	\$8,803,509	\$5,869,317	\$3,561,592	Value.....	\$3,600,416	\$322,303	\$186,413
Wool, in condition purchased:				Shirts and drawers:			
Pounds.....	7,068,788	17,300,616	17,953,907	Dozens.....	25,337,779	19,723,141	15,873,700
Cost.....	\$2,919,055	\$6,153,858	\$5,262,135	Value.....	\$69,592,817	\$56,643,860	\$45,675,594
Equivalent of above in scoured condition, pounds.....	5,582,839	13,909,144	13,031,308	All cotton—			
Shoddy, purchased:				Dozens.....	22,567,121	17,107,958	12,058,431
Pounds.....	7,482,553	7,489,358	3,770,626	Value.....	\$50,007,598	\$39,658,762	\$26,882,902
Cost.....	\$919,970	\$923,719	\$488,792	Merino or mixed—			
Wool waste and noils, purchased:				Dozens.....	2,536,473	2,113,810	2,675,416
Pounds.....	8,586,261	6,020,459	5,276,454	Value.....	\$17,065,624	\$13,031,754	\$13,293,829
Cost.....	\$2,813,129	\$1,711,069	\$1,487,907	All wool—			
Yarns, purchased:				Dozens.....	178,163	485,328	1,085,046
Cotton—				Value.....	\$1,820,521	\$3,647,934	\$4,980,818
Pounds.....	216,987,611	161,500,466	131,830,068	Silk and silk mixed—			
Cost.....	\$48,165,749	\$34,372,910	\$22,204,918	Dozens.....	56,022	16,045	54,807
Worsted—				Value.....	\$709,074	\$305,410	\$518,045
Pounds.....	10,370,004	8,789,570	5,823,215	Combination suits:			
Cost.....	\$10,116,325	\$7,457,090	\$4,865,304	Dozens.....	2,473,103	1,440,420	986,855
Woolen—				Value.....	\$14,853,536	\$6,793,947	\$3,691,847
Pounds.....	6,140,265	4,839,343	2,621,893	All cotton—			
Cost.....	\$3,834,094	\$2,798,454	\$1,257,587	Dozens.....	2,047,637	1,260,301	824,632
Merino—				Value.....	\$9,713,597	\$4,478,664	\$2,240,566
Pounds.....	4,014,609	2,568,890	1,981,484	Merino or mixed—			
Cost.....	\$2,667,051	\$1,118,999	\$642,535	Dozens.....	364,387	105,242	139,994
Silk and spun silk—				Value.....	\$4,217,432	\$1,199,949	\$1,133,328
Pounds.....	982,753	320,671	266,247	All wool—			
Cost.....	\$3,606,599	\$1,200,259	\$940,801	Dozens.....	50,102	68,067	9,501
Chemicals and dyestuffs.....	\$2,541,939	\$1,677,252	\$1,023,161	Value.....	\$683,289	\$965,132	\$201,667
All other materials.....	\$23,853,633	\$13,505,221	\$9,454,598	Silk or silk mixed—			
Yarns made in mill for use therein.				Dozens.....	10,977	6,810	12,728
Cotton, pounds.....	69,171,277	39,954,890	40,845,889	Value.....	\$239,218	\$150,202	\$116,286
Woolen, pounds.....	8,316,349	(1)	(1)	Sweaters, cardigan jackets, etc.:			
Worsted, pounds.....	223,404	(1)	(1)	Dozens.....	2,221,410	811,629	594,090
Merino, pounds.....	20,856,989	(1)	(1)	Value.....	\$22,430,817	\$8,345,369	\$3,498,837
<b>PRODUCTS.</b>				Gloves and mittens:			
Total value.....	\$200,143,527	\$137,076,454	\$95,833,692	Dozen pairs.....	2,527,889	2,260,508	1,898,587
Hosiery:				Value.....	\$7,296,887	\$5,556,260	\$4,244,046
Dozen pairs.....	62,825,069	44,186,063	29,903,899	Hoods, scarfs, nubias, etc.:			
Value.....	\$68,721,825	\$44,113,260	\$27,420,029	Dozens.....	888,223	589,315	343,429
Cotton, merino, and woolen—				Value.....	\$3,217,985	\$1,774,862	\$1,002,392
Hose—				Shawls:			
Dozen pairs.....	34,499,562	25,999,813	16,641,769	Dozens.....	218,923	435,306	157,622
Value.....	\$37,903,011	\$26,152,043	\$16,203,372	Value.....	\$616,294	\$1,293,348	\$328,720
Cotton—				Boot and shoe linings:			
Dozen pairs.....	32,499,104	24,109,804	15,028,173	Square yards.....	9,726,770	11,768,961	10,406,440
Value.....	\$34,078,622	\$22,764,799	\$13,275,732	Value.....	\$1,209,464	\$1,249,401	\$2,205,003
Merino or mixed—				Yarns for sale.....			
Dozen pairs.....	834,029	746,226	436,801	Cotton—			
Value.....	\$1,466,283	\$1,182,164	\$659,959	Pounds.....	7,457,412	3,304,615	2,419,282
Woolen or worsted—				Value.....	\$1,568,417	\$654,234	\$422,100
Dozen pairs.....	1,166,429	1,083,783	1,176,705	Woolen, worsted, and merino—			
Value.....	\$2,358,106	\$2,205,080	\$2,267,681	Pounds.....	488,322	491,559	134,529
Half hose.....				Value.....	\$217,114	\$345,849	\$76,090
Dozen pairs.....	27,891,093	18,144,185	13,249,558	All other products.....	\$10,118,371	\$10,306,064	\$7,268,434
Value.....	\$27,218,398	\$17,438,914	\$11,030,244	<b>MACHINERY.</b>			
Cotton—				Sets of cards.....	2,681	2,001	1,161
Dozen pairs.....	24,805,917	15,223,243	11,352,081	Cotton.....	1,827	1,000	(1)
Value.....	\$21,831,365	\$11,821,830	\$7,906,945	Woolen.....	844	977	1,161
Merino or mixed—				Worsted.....	10	24	(1)
Dozen pairs.....	2,023,641	1,611,066	967,520	Spindles.....	736,774	603,180	521,871
Value.....	\$3,299,912	\$2,214,678	\$1,384,764	Producing.....	729,935	596,362	510,172
Woolen or worsted—				Doubling and twisting.....	6,839	6,818	11,699
Dozen pairs.....	1,061,535	1,309,876	939,957	Knitting machines, all classes.....	115,019	88,374	89,047
Value.....	\$2,087,121	\$3,402,406	\$1,738,535	Sewing machines, all classes.....	43,885	30,410	24,535

<sup>1</sup> Not reported.

<sup>2</sup> In addition, in 1909, hosiery and knit goods, to the value of \$2,975,749, and in 1904, to the value of \$1,579,633, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

**Oilcloth and linoleum.**—Table 52 presents the statistics of the production of oilcloth, linoleum, and artificial leather. Artificial leather, which at former censuses was included under upholstering materials, was reported separately for the first time at the census of 1909. At the census of 1899 oilcloth and linoleum were not reported in detail, but the total value of these products was \$11,402,620. This had

increased to \$13,977,137 in 1904 and to \$22,525,940 in 1909. The production of oilcloth in 1909 was in the aggregate 96,862,068 square yards and in 1904 71,057,684 square yards, an increase for the five years of 36.3 per cent. The linoleum product increased relatively much more; it amounted to 30,676,254 square yards in 1909 and 16,891,462 square yards in 1904, an increase of 81.6 per cent.



Table 52

PRODUCT.	1909	1904
<b>Total value</b> .....	<b>\$26,253,796</b>	<b>\$14,792,246</b>
Oilcloth.....	\$11,681,012	\$8,648,337
Floor—		
Square yards.....	18,354,851	21,456,615
Value.....	\$3,776,060	\$3,565,089
Enameled—		
Square yards.....	17,338,440	11,574,986
Value.....	\$2,265,146	\$1,542,467
Table—		
Square yards.....	61,168,777	38,026,083
Value.....	\$5,639,206	\$3,540,181
Linoleum.....	\$10,844,928	\$5,328,800
Linoleum, including cork carpet—		
Square yards.....	26,215,979	14,765,284
Value.....	\$7,850,437	\$4,223,992
Inlaid linoleum—		
Square yards.....	4,460,275	2,126,178
Value.....	\$2,994,491	\$1,104,808
Artificial leather:		
Square yards.....	11,809,875	( <sup>1</sup> )
Value.....	\$3,448,617	( <sup>1</sup> )
All other products.....	\$279,239	\$815,109

<sup>1</sup> In addition, products to the value of \$33,328 were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The production of artificial leather is included under "upholstering materials" in Table 110.

<sup>2</sup> Figures not available.

**Shoddy.**—The statistics given in the following table relate only to establishments primarily engaged in the manufacture of shoddy, mungo, and wool extract, and do not include those for spinning and weaving mills and hosiery and knit-goods factories which manufacture shoddy for their own use or for sale. Mills engaged in the cutting of flocks and the cleaning and garnetting of waste are included, as in previous censuses. The total cost of materials used was \$5,000,706 in 1909, and the total value of the products was \$7,446,364, both of these amounts being somewhat larger than in 1899 but smaller than in 1904. The total output of the products specifically classified was 57,888,999 pounds in 1909, 63,787,770 pounds in 1904, and 47,684,714 pounds in 1899.

Table 53

	1909	1904	1899
<b>MATERIALS.</b>			
<b>Total cost</b> .....	<b>\$5,000,706</b>	<b>\$6,055,731</b>	<b>\$4,875,192</b>
Tailors' clippings, rags, etc.:			
Pounds.....	64,561,713	68,921,097	79,623,312
Cost.....	\$3,051,045	\$4,295,641	\$3,558,706
Waste and noils of wool, mohair, camel's hair, etc.:			
Pounds.....	7,567,579	8,177,846	4,236,028
Cost.....	\$917,976	\$909,754	\$693,972
Wool, in condition purchased:			
Pounds.....	237,097	597,492	422,349
Cost.....	\$98,032	\$127,927	\$127,099
Equivalent of above in scoured condition, pounds.....	196,097	421,492	242,997
Chemicals and dyestuffs.....	\$138,241	\$142,455	\$111,095
All other materials.....	\$795,412	\$579,954	\$384,320
<b>PRODUCTS.</b>			
<b>Total value</b> .....	<b>\$7,446,364</b>	<b>\$8,406,425</b>	<b>\$6,730,974</b>
Shoddy and mungo:			
Pounds.....	48,375,724	54,401,295	39,014,661
Value.....	\$5,099,260	\$6,831,689	\$5,388,378
Wool extract:			
Pounds.....	5,637,514	6,375,768	4,980,825
Value.....	\$865,528	\$727,912	\$620,504
Waste:			
Pounds.....	2,237,748	42,504	1,608,470
Value.....	\$275,545	\$1,544	\$148,043
Flocks:			
Pounds.....	1,638,013	2,968,203	2,080,758
Value.....	\$107,697	\$143,536	\$131,894
All other products.....	\$268,708	\$365,895	\$151,494
Work on materials for others.....	\$229,626	\$335,939	\$290,661
<b>MACHINERY.</b>			
Pickers, number.....	346	317	( <sup>1</sup> )
Garnett machines, number.....	158	116	( <sup>1</sup> )

<sup>1</sup> In addition, shoddy to the value of \$967,278 was made for sale by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported.

**Silk and silk goods.**—The following table, which presents statistics for the manufacture of silk and silk goods, includes data for establishments that make a specialty of throwing and winding silk:

Table 54

	1909	1904	1899
<b>MATERIALS.</b>			
<b>Total cost</b> .....	<b>\$107,766,916</b>	<b>\$75,861,188</b>	<b>\$62,406,665</b>
Silk:			
Raw—			
Pounds.....	17,472,204	11,572,783	9,760,770
Cost.....	\$67,787,037	\$45,318,416	\$40,721,877
Spun—			
Pounds.....	2,212,972	1,951,201	1,550,291
Cost.....	\$4,848,789	\$4,310,061	\$3,406,059
Artificial—			
Pounds.....	914,494	466,151	6,056
Cost.....	\$1,926,894	\$1,623,473	\$10,380
Organine and tram, purchased—			
Pounds.....	3,377,972	3,236,744	2,338,464
Cost.....	\$14,679,719	\$14,552,425	\$10,539,632
Fringe and floss, including waste, noils, etc., purchased—			
Pounds.....	2,402,960	149,811	1,735,179
Cost.....	\$1,637,187	\$187,159	\$1,008,947
Yarns, other than silk:			
Cotton, including mercerized—			
Pounds.....	14,111,878	9,018,295	6,664,069
Cost.....	\$5,811,582	\$3,067,989	\$1,996,233
Woolen or worsted—			
Pounds.....	610,588	443,155	239,461
Cost.....	\$765,989	\$409,867	\$167,770
Mohair—			
Pounds.....	710,108	138,389	104,810
Cost.....	\$640,529	\$137,097	\$107,365
All other—			
Pounds.....	353,780	130,930	108,388
Cost.....	\$456,597	\$108,841	\$134,986
Chemicals and dyestuffs.....	\$1,062,313	\$666,992	( <sup>1</sup> )
All other materials.....	\$8,150,280	\$5,488,868	\$4,313,416
<b>PRODUCTS.</b>			
<b>Total value</b> .....	<b>\$196,911,667</b>	<b>\$133,388,072</b>	<b>\$107,256,258</b>
Broad silks:			
Yards.....	185,707,316	124,871,215	87,636,883
Value.....	\$107,881,146	\$66,917,762	\$52,152,816
Plain and fancy—			
All silk—			
Yards.....	81,934,158	68,303,042	53,573,488
Value.....	\$53,282,704	\$40,741,480	\$33,852,111
Silk mixed—			
Yards.....	24,742,556	9,061,025	8,963,315
Value.....	\$14,207,861	\$5,343,472	\$5,450,710
Jacquard—			
All silk—			
Yards.....	13,249,090	8,143,091	7,532,229
Value.....	\$9,835,345	\$5,927,063	\$5,379,001
Silk mixed—			
Yards.....	6,043,686	2,336,120	1,677,466
Value.....	\$3,473,799	\$1,229,648	\$1,260,321
Piece-dyed—			
All silk—			
Yards.....	19,693,393	21,334,584	7,331,501
Value.....	\$11,353,242	\$9,276,445	\$3,342,167
Silk mixed—			
Yards.....	40,044,433	15,603,353	8,558,884
Value.....	\$15,728,195	\$4,399,664	\$2,868,506
Velvets:			
Yards.....	10,093,583	7,262,315	5,122,249
Value.....	\$4,767,900	\$3,161,206	\$2,479,903
Plushes:			
Yards.....	2,759,411	2,547,367	3,848,084
Value.....	\$2,104,768	\$1,340,815	\$2,450,068
Tapestries and upholstery:			
Yards.....	226,717	1,766,210	1,333,119
Value.....	\$382,820	\$1,559,982	\$1,009,835
Ribbons:			
Laces, nets, veils, veiling, etc.....	\$32,744,873	\$21,899,604	\$18,467,179
Embroideries.....	\$1,350,850	\$745,489	\$803,104
Fringes and gimps.....	\$485,322	\$112,362	\$57,625
Braids and bindings.....	\$824,527	\$1,016,964	\$444,787
Trimmings.....	\$4,483,248	\$3,493,977	\$1,522,565
Machine twist:			
Pounds.....	\$3,850,448	\$3,107,697	\$2,034,076
Value.....	1,088,780	932,998	987,917
Sewing, embroidery, wash, fringe, and floss silks:			
Pounds.....	\$6,341,719	\$5,521,055	\$5,997,974
Value.....	747,246	811,711	739,301
Organine and tram, for sale:			
Pounds.....	\$4,179,355	\$4,625,016	\$4,248,216
Value.....	2,740,319	2,025,645	2,468,387
Spun silk, for sale:			
Pounds.....	\$12,550,510	\$9,190,650	\$11,167,191
Value.....	779,462	570,529	437,459
Machine twist:			
Pounds.....	\$2,104,066	\$1,660,647	\$1,026,227
Value.....	44,495,675	\$5,227,800	\$1,027,472
All other products.....	\$8,364,350	\$3,716,056	\$2,337,230

<sup>1</sup> Does not include waste, noils, etc.

<sup>2</sup> Not reported separately.

<sup>3</sup> In addition, silk and silk goods to the value of \$1,218,101 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.



The increase in the cost of materials and in the value of products for the period 1899-1909 was 72.7 and 83.6 per cent, respectively. Considerable duplication occurs in the total cost of materials and in the total value of products shown in the preceding table. To eliminate this duplication the following method may be used: (1) organzine and tram, reported as material and product, is deducted from both materials and products, respectively; (2) spun silk, reported as a product, is deducted from both materials and products; (3) fringe and floss, reported as material, is deducted from both materials and products; and (4) amount received for contract work, reported as product, is deducted from products.

The total production of broad weaves in 1909 was 198,787,027 running yards, single width, valued at \$115,136,724, compared with 97,940,935 yards, valued at \$58,122,622, in 1899, the increase in quantity being 103 per cent and that in value 98.1 per cent. Broad silks formed over nine-tenths of all broad weaves in 1909, the increase in the output between 1899 and 1909 being 111.9 per cent. The increase in the output of all other broad weaves combined—velvets, plushes, tapestries, and upholsteries—was only 26.9 per cent.

In 1899 all-silk goods constituted 78.1 per cent of the broad-silk product, and silk-mixed goods 21.9 per cent, whereas in 1909 the proportion for the latter had risen to 38.1 per cent and that for the former had fallen to 61.9 per cent. The change was due to an increase during the decade of 268.9 per cent in the output of silk-mixed broad silks, while that for all-silk was only 67.9 per cent.

Between 1899 and 1909 the rate of increase in the

output of broad woven silk goods was much greater than that for either broad woven cotton or broad woven woolen goods, the increases for the three classes being 103, 40.3, and 33.8 per cent, respectively.

**Woolen and worsted goods.**—The following table presents statistics for establishments engaged primarily in the manufacture of woolen and worsted goods. The total value of products for the industry involves considerable duplication, due to the use of partly finished products of some establishments as material for others. In 1909 the establishments in this industry produced 570,743,797 square yards of woven goods, exclusive of upholstery goods and sundries, compared with 505,821,956 square yards in 1904 and 426,572,856 in 1899, the increase for the decade being 33.8 per cent. The value of these goods was \$296,447,594 in 1909, \$234,737,036 in 1904, and \$183,306,664 in 1899, an increase for the decade of 61.7 per cent. The highest rate of increase was reported for the all-wool woven group, the output of which increased 49.3 per cent in quantity. The output of unions decreased decidedly, while that of cotton-warp woven goods increased 37.6 per cent in quantity. The all-wool yardage constituted 56.6 per cent of the total in 1909 and 50.7 per cent in 1899, while the union yardage constituted 6.6 per cent of the total in 1909, as compared with 13.4 per cent in 1899. Cotton-warp fabrics formed about the same proportion of the total in both years—somewhat over one-third. There has thus been a considerable shift during the decade from the manufacture of cotton-mixed to that of all-wool goods.

Table 55	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>MATERIALS—continued.</b>			
<b>Total cost.....</b>	<b>\$273,438,570</b>	<b>\$197,489,306</b>	<b>\$148,087,178</b>	<b>Yarns purchased:</b>			
Wool:				Woolen—			
In condition purchased—				Pounds.....	931,222	5,750,088	5,906,862
Pounds.....	474,755,366	418,703,811	330,178,552	Cost.....	\$558,270	\$2,622,882	\$2,675,143
Cost.....	\$136,666,917	\$105,433,451	\$78,803,830	Worsted—			
Domestic—				Pounds.....	59,148,771	31,047,516	25,110,939
Pounds.....	310,602,279	319,800,490	250,393,205	Cost.....	\$56,033,701	\$24,904,511	\$19,495,251
Cost.....	\$85,018,238	\$78,673,136	\$59,046,158	Merino—			
Foreign—				Pounds.....	1,971,709	2,458,085	3,634,679
Pounds.....	164,153,087	98,903,321	79,785,347	Cost.....	\$318,456	\$581,107	\$664,527
Cost.....	\$51,648,679	\$26,760,315	\$19,757,672	Cotton—			
Equivalent in scoured condition,				Pounds.....	39,169,388	32,598,072	35,342,726
pounds.....	290,706,970	241,280,065	192,705,519	Cost.....	\$10,492,185	\$8,032,773	\$6,814,279
Mohair, camel, alpaca, and vicuña				Silk and spun silk—			
hair:				Pounds.....	282,536	412,307	131,915
Pounds.....	7,805,422	6,507,631	5,003,966	Cost.....	\$1,142,663	\$1,679,883	\$329,789
Cost.....	\$2,399,123	\$1,957,581	\$1,857,707	All other—			
Cow and other animal hair:				Pounds.....	1,046,735	411,779	1,127,926
Pounds.....	17,356,100	22,987,332	20,535,079	Cost.....	\$40,739	\$21,118	\$65,434
Cost.....	\$932,911	\$1,369,776	\$1,170,756	Chemicals and dyestuffs.....	\$8,820,928	\$7,456,550	\$6,595,160
Cotton:				All other materials.....	\$25,464,278	\$18,086,162	\$15,307,551
Pounds.....	20,024,061	32,613,408	40,244,710				
Cost.....	\$2,515,409	\$4,072,907	\$3,280,000	<b>PRODUCTS.</b>			
Tailor's clippings, rags, etc.:				<b>Total value.....</b>	<b>\$419,743,521</b>	<b>\$307,941,710</b>	<b>\$238,744,502</b>
Pounds.....	40,402,460	79,367,290	(1)	All-wool woven goods:			
Cost.....	\$2,856,966	\$5,668,634	(1)	Square yards.....	322,944,365	260,567,488	216,359,702
Shoddy, mungo, and wool extract				Value.....	\$219,853,767	\$158,390,336	\$117,757,169
purchased:				Wool cloths, doeskins, cassi-			
Pounds.....	21,454,187	31,919,456	33,036,767	meres, chevots, etc.—			
Cost.....	\$3,058,214	\$4,472,666	\$4,070,836	Square yards.....	40,843,979	42,487,566	34,298,426
Waste and noils of wool, mohair,				Value.....	\$29,291,039	\$29,556,252	\$22,645,869
camel's hair, etc., purchased:				Worsted coatings, serges, and			
Pounds.....	26,473,311	26,032,838	15,714,171	suitings—			
Cost.....	\$7,523,283	\$6,056,227	\$3,891,369	Square yards.....	119,655,069	59,592,811	54,033,679
Tops purchased:				Value.....	\$101,903,153	\$56,731,196	\$43,003,550
Pounds.....	20,828,245	9,160,929	5,566,108				
Cost.....	\$14,614,527	\$5,073,078	\$2,865,546				

<sup>1</sup> Not reported separately.

<sup>2</sup> In addition, in 1909, woolen and worsted goods, to the value of \$1,281,292, and in 1904, to the value of \$362,966, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.



Table 55—Continued.

	1909	1904	1899		1909	1904	1899
PRODUCTS—continued.				PRODUCTS—continued.			
All-wool woven goods—Continued.				Cotton-warp woven goods—Contd.			
Woolen overcoatings, cloakings, kerseys, etc.—				Worsted filling dress goods, cashmeres, serges, mohairs, etc.—			
Square yards.....	14,697,770	22,411,530	18,729,194	Square yards.....	65,112,981	49,300,369	45,784,011
Value.....	\$11,230,856	\$16,934,112	\$16,131,709	Value.....	\$14,798,965	\$12,711,554	\$10,423,206
Worsted overcoatings and cloakings—				Wool filling dress goods, and repellents—			
Square yards.....	654,404	1,057,668	877,133	Square yards.....	12,916,060	12,139,080	7,496,898
Value.....	\$821,688	\$546,170	\$567,390	Value.....	\$2,741,816	\$3,230,561	\$1,890,488
Wool dress goods, sackings, tricots, etc., and opera and similar flannels—				Domest flannels and shirtings—			
Square yards.....	29,099,956	48,874,396	33,594,212	Square yards.....	4,571,765	4,285,838	4,555,013
Value.....	\$16,385,498	\$19,826,017	\$12,976,489	Value.....	\$911,967	\$769,476	\$976,465
Worsted dress goods, cashmeres, serges, bunting, etc.—				Linings, Italian cloths, and lastings—			
Square yards.....	105,801,349	66,428,825	57,712,086	Square yards.....	28,928,148	17,619,325	10,157,039
Value.....	\$54,030,376	\$27,802,181	\$16,316,392	Value.....	\$9,008,799	\$4,505,927	\$2,228,434
Carriage cloths—				Blankets—			
Square yards.....	1,782,855	1,741,765	1,220,408	Square yards.....	9,746,841	9,267,144	11,107,104
Value.....	\$947,862	\$964,557	\$695,999	Value.....	\$2,684,919	\$2,218,243	\$2,241,342
Flannels for underwear—				Horse blankets—			
Square yards.....	3,856,353	8,710,131	9,324,720	Square yards.....	4,210,098	6,307,836	5,702,315
Value.....	\$1,257,271	\$2,045,858	\$2,344,559	Value.....	\$1,676,942	\$1,083,154	\$1,232,824
Blankets—				Carriage robes—			
Square yards.....	5,137,903	7,316,179	5,454,173	Square yards.....	2,889,444	1,309,166	1,250,233
Value.....	\$3,228,797	\$2,751,029	\$2,316,968	Value.....	\$1,396,595	\$1,139,217	\$815,233
Horse blankets—				All other—			
Square yards.....	247,395	740,237	514,952	Square yards.....	327,664	.....	32,576
Value.....	\$185,430	\$418,219	\$256,211	Value.....	\$245,389	.....	\$14,150
Woven shawls—				Upholstering goods and sundries—			
Square yards.....	704,153	895,777	600,104	Woolen and worsted—			
Value.....	\$404,583	\$557,370	\$500,523	Square yards.....	1,176,542	1,060,739	447,568
All other—				Value.....	\$1,528,648	\$908,937	\$742,121
Square yards.....	463,179	310,603	615	All other.....	\$457,682	\$716,296	\$2,517,606
Value.....	\$167,194	\$257,375	\$510	Partially manufactured products for sale.....	\$115,032,485	\$66,466,672	\$47,589,422
Union, or cotton mixed, woven goods:				Yarns:			
Square yards.....	37,453,351	63,197,407	57,334,570	Woolen—			
Value.....	\$14,327,973	\$26,288,407	\$23,111,096	Pounds.....	28,520,493	42,878,320	32,699,851
Unions, tweeds, chevots, cassimeres, etc.—				Value.....	\$7,505,412	\$9,993,894	\$6,804,026
Square yards.....	18,917,478	35,103,110	30,767,915	Worsted—			
Value.....	\$7,780,854	\$15,050,726	\$13,695,830	Pounds.....	88,323,953	55,475,235	143,003,343
Overcoatings and cloakings—				Value.....	\$80,395,543	\$40,142,077	\$30,081,425
Square yards.....	4,281,739	5,373,053	6,087,366	Woolen, union or merino—			
Value.....	\$2,363,381	\$3,353,758	\$3,518,613	Pounds.....	10,249,625	8,824,064	.....
Sackings, tricots, dress goods, and opera and similar flannels—				Value.....	\$2,143,416	\$2,538,018	15,974,567
Square yards.....	4,319,539	11,690,740	11,176,752	Worsted, union or merino—			
Value.....	\$1,776,721	\$4,926,596	\$3,669,584	Pounds.....	3,761,737	3,314,549	\$4,068,125
Flannels for underwear—				Value.....	\$3,522,812	\$2,460,558	.....
Square yards.....	7,063,572	7,273,761	6,217,094	All other—			
Value.....	\$1,308,369	\$1,528,928	\$1,284,578	Pounds.....	3,195,553	2,799,060	4,536,105
Blankets—				Value.....	\$974,570	\$1,162,795	\$1,451,390
Square yards.....	1,717,758	3,114,110	1,530,696	Worsted tops and slubbing—			
Value.....	\$650,714	\$1,198,706	\$561,649	Pounds.....	11,321,279	4,772,582	(1)
All other—				Value.....	\$8,027,231	\$2,855,171	(1)
Square yards.....	1,153,265	642,633	1,554,747	Noils—			
Value.....	\$447,934	\$229,693	\$381,442	Pounds.....	27,479,293	15,379,600	12,176,843
Cotton-warp woven goods:				Value.....	\$8,938,589	\$4,865,976	\$3,354,187
Square yards.....	210,346,081	182,057,061	152,878,584	Waste—			
Value.....	\$62,265,854	\$50,058,293	\$42,437,799	Pounds.....	24,057,580	17,946,076	8,163,294
Wool filling cassimeres, doeskins, jeans, tweeds, coatings, etc.—				Value.....	\$3,524,912	\$2,448,183	\$1,229,669
Square yards.....	45,244,866	34,602,165	37,160,449	All other products.....	\$3,250,857	\$3,924,232	\$8,019,906
Value.....	\$12,107,320	\$10,877,081	\$11,024,538	Work on materials for others.....	\$3,026,255	\$1,188,537	\$1,568,783
Worsted filling cassimeres, doeskins, jeans, tweeds, coatings, etc.—				MACHINERY.			
Square yards.....	29,220,252	16,688,620	12,663,719	Sets of cards.....	6,315	6,990	\$5,095
Value.....	\$15,009,081	\$6,969,402	\$7,267,508	Woolen.....	4,500	5,178	.....
Wool filling overcoatings and cloakings—				Worsted.....	1,581	1,387	.....
Square yards.....	2,075,502	8,198,406	3,917,498	Cotton.....	234	425	.....
Value.....	\$771,879	\$2,478,878	\$1,430,430	Spindles.....	4,287,640	3,747,934	3,277,607
Satinets and linseys—				Producing.....	3,553,194	3,228,423	2,873,528
Square yards.....	5,102,460	22,339,112	13,051,729	Doubling and twisting.....	734,446	519,511	404,079
Value.....	\$912,182	\$4,074,800	\$2,873,181	Looms, all classes.....	72,532	63,867	61,395
				Wool-combing machines.....	1,978	1,440	1,317

<sup>1</sup> Worsted tops and slubbing included with worsted yarn.<sup>2</sup> Cards not fully reported.

## IRON AND STEEL.

Tables 56 to 61, inclusive, present statistics for blast furnaces, steel works and rolling mills, tin and terne plate plants, and wire mills. In many establishments other industries are carried on in connection with the operations of steel works and rolling mills. In these cases a separation of the data for the industries as defined by the Census Bureau was secured by taking separate reports for the different departments of the respective establishments. In this way the statistics for blast furnaces operated in connection with steel

works were segregated and combined with those for furnaces independently operated, and the statistics for the tin and terne plate dipping departments of establishments which also roll the black plate were separated and combined with those for establishments which dip only purchased plate. Statistics for the finished wire products of mills which roll wire rods as well as draw wire and manufacture wire nails, fencing, etc., were secured and are given in combination with those for wire mills which manufacture only from purchased wire rods. The finished wire products manu-



factured in rolling mills are, however, included in the products of these mills, so that the statistics for wire mills and rolling mills to this extent duplicate each other. It should also be explained that the rolling-mill departments of tin and terne plate establishments are credited with their entire output of black plate, as if it were produced for sale instead of for further treatment at the same establishment.

**Blast furnaces.**—The statistics for the blast-furnace industry are given in the following table.

In 1909, 25,651,798 tons of pig iron, valued at \$387,830,443, were produced and in 1899, 14,447,791 tons, valued at \$206,512,755, the increase in quantity during the decade being 77.5 per cent and that in value 87.8 per cent. Since 1904 was a year of par-

tial depression in the iron and steel industry and the pig-iron product was less in that year than in 1903 or 1902, neither the small increases shown in quantity and value for 1904 as compared with 1899 nor the large increases shown for 1909 as compared with 1904 are representative of the normal rate of growth for the industry. Features in the development of the industry are the increase in the proportion of pig iron produced for consumption in other departments of the works of the producing company and the increase in the proportion of the product passed on in a molten condition to undergo further processes without being cast into pigs. The *ton of 2,240 pounds* is used in showing quantities except when otherwise stated.

Table 56	1909	1904 <sup>1</sup>	1899 <sup>1</sup>		1909	1904 <sup>1</sup>	1899 <sup>1</sup>
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
<b>Total cost</b> .....	<b>\$320,637,889</b>	<b>\$178,941,918</b>	<b>\$131,503,655</b>	<i>Pig iron, classified according to disposition—Continued.</i>			
Iron ore:				Produced for sale—			
Tons.....	48,353,677	30,032,862	25,366,894	Tons.....	9,793,595	6,697,080	( <sup>5</sup> )
Cost.....	\$187,264,601	\$100,945,309	\$65,902,922	Value.....	\$148,443,426	\$90,043,530	( <sup>5</sup> )
Domestic—				<i>Pig iron, classified by grades (tons):</i>			
Tons.....	46,005,930	29,202,944	24,612,511	Bessemer, (0.04 to 0.10 per cent in phosphorus).....	10,147,032	8,894,584	8,475,530
Cost.....	\$177,589,789	\$96,206,246	\$61,795,473	Low phosphorus (below 0.04 per cent in phosphorus).....	248,720	192,795	( <sup>5</sup> )
Foreign—				Basic.....	7,741,759	2,553,940	937,439
Tons.....	1,747,747	829,918	754,383	Foundry.....	5,539,410	3,675,310	3,510,300
Cost.....	\$9,674,812	\$4,739,123	\$4,107,449	Forge or mill.....	586,685	601,677	1,057,616
Mill cinder, scrap, etc.: <sup>2</sup>				Malleable Bessemer.....	934,211	316,964	( <sup>5</sup> )
Tons.....	1,982,530	1,865,385	1,090,313	White, mottled, and miscellaneous.....	110,810	98,627	208,323
Cost.....	\$5,544,859	\$3,830,961	\$3,772,385	Direct castings.....	16,181	9,469	7,123
Fluxes:				Ferrolloys.....	326,970	280,259	251,460
Tons.....	13,570,845	8,325,209	7,324,743	Spiegeleisen.....	142,223	169,630	163,672
Cost.....	\$12,239,493	\$6,888,647	\$5,054,725	Ferromanganese.....	82,208	57,072	51,878
Fuel: <sup>3</sup>				Ferrosilicon, including Bessemer ferrosilicon (7 per cent or over in silicon) and ferrophosphorus.....	102,539	53,557	35,916
Coke—				<i>Pig iron, classified by method of delivery or casting (tons):</i>			
Tons (2,000 pounds).....	31,436,536	19,739,671	16,461,533	Delivered in molten condition....	12,197,686	5,898,744	( <sup>5</sup> )
Cost.....	\$102,134,423	\$57,126,997	\$38,976,770	Sand cast.....	7,655,568	6,078,844	( <sup>5</sup> )
Charcoal—				Machine cast.....	5,096,797	4,307,108	( <sup>5</sup> )
Bushels.....	38,032,618	* 37,273,569	30,677,585	Chill cast.....	685,566	329,460	( <sup>5</sup> )
Cost.....	\$2,787,026	* \$2,521,887	\$1,823,881	Direct castings.....	16,181	9,469	7,123
Anthracite coal <sup>4</sup> —				<b>EQUIPMENT.</b>			
Tons.....	265,401	560,637	886,564	<b>Furnaces in active establishments:</b>			
Cost.....	\$904,102	\$1,812,779	\$2,297,419	Completed stacks at end of year—			
Bituminous coal <sup>4</sup> —				Number.....	388	343	343
Tons.....	102,833	801,640	832,235	Daily capacity, tons.....	101,447	78,180	54,425
Cost.....	\$168,561	\$1,340,997	\$1,101,312	Active during the year—			
All other materials.....	\$9,594,824	\$4,474,281	\$12,574,241	Number.....	370	317	325
<b>PRODUCTS.</b>				Daily capacity, tons.....	98,973	73,884	( <sup>5</sup> )
<b>Total value</b> .....	<b>\$391,429,383</b>	<b>\$231,822,707</b>	<b>\$206,756,557</b>	In course of construction at end of year—			
Pig iron:				Number.....	10	4	16
Tons.....	25,651,798	16,623,625	14,447,791	Daily capacity, tons.....	4,100	1,375	7,275
Value.....	\$387,830,443	\$228,911,116	\$206,512,755	Pig-casting machines, number.....	104	( <sup>5</sup> )	( <sup>5</sup> )
All other products.....	\$3,598,840	\$2,911,591	\$243,802	Granulated slag pits:			
<i>Pig iron, classified according to fuel used:</i>				Number.....	85	47	( <sup>5</sup> )
Bituminous, chiefly coke—				Annual capacity, tons.....	5,609,259	3,338,200	( <sup>5</sup> )
Tons.....	* 24,608,572	14,909,029	12,253,818	Gas engines operated with blast-furnace gas:			
Value.....	\$369,684,636	\$203,814,049	\$173,763,091	Number.....	85	( <sup>5</sup> )	( <sup>5</sup> )
Anthracite coal and coke mixed and anthracite alone—				Horsepower.....	198,040	( <sup>5</sup> )	( <sup>5</sup> )
Tons.....	670,991	1,305,094	1,841,857				
Value.....	\$10,962,150	\$18,103,982	\$26,678,705				
Charcoal—							
Tons.....	372,235	409,502	* 352,116				
Value.....	\$7,183,657	\$6,993,085	\$6,070,959				
<i>Pig iron, classified according to disposition:</i>							
Produced for consumption in works of company reporting—							
Tons.....	15,858,203	9,926,545	( <sup>5</sup> )				
Value.....	\$239,387,017	\$138,867,586	( <sup>5</sup> )				

<sup>1</sup> Not including the statistics for a blast furnace operated by a penal institution.

<sup>2</sup> The figures for 1909 cover fuel for smelting only; those for 1904 and 1899 include fuel for steam raising.

<sup>3</sup> Not including 2,486,700 bushels of charcoal and its value, the cost of stumpage and labor being reported as expense.

<sup>4</sup> Coal and coke mixed, 86,420 tons; balance coke.

<sup>5</sup> Includes 52,992 tons of mixed charcoal and coke pig iron.

<sup>6</sup> Not reported.

**Steel works and rolling mills.**—Table 57 presents comparative statistics of steel works and rolling mills, including those of forges and bloomeries. Section I of the table deals with materials. The second section deals with products. It shows separately each of the products properly designated as rolled and forged steel

and iron, but contains also a miscellaneous item, which includes the value added to such products in their conversion into more highly manufactured articles by the same establishment, so that the total includes the entire value of output of the establishments in the industry. This total and also the separate total for



rolled and forged products alone include no duplication of quantity or value of products within any given establishment itself, but there is considerable duplication due to the use of the product of one establishment as raw material for another establishment, whether the latter be owned by a separate concern or by the same company.

Section III of the table, headed "Steel," gives the entire quantity of crude steel produced by the steel works, including that subjected to further processes of manufacture whether by the establishment in which produced or by other establishments. The value of this steel appears, therefore, distributed among various items under Section II. Section IV of the table gives in detail the quantity and value of the more highly elaborated products made by the rolling mills themselves from the rolling-mill products specified in Section II. The entire value of these products appears in Section II, either as part of the various items of rolled products or in the miscellaneous item of value added to rolling-mill products by further manufacture. The fifth section of the table deals with products sold for export by rolling-mill concerns; it includes only the products so sold directly by the establishments producing them and not such as may be sent abroad by others who purchase from the manufacturer. The sixth section deals with equipment.

In 1909 the rolled, forged, and cast-steel products specifically classified aggregated 26,723,274 tons, valued at \$863,342,711, and in 1899, 15,055,626 tons, valued at \$510,906,040, the increase in tonnage being 77.5 per cent and in value 69 per cent. The *ton of 2,240 pounds* is used in showing quantities except when otherwise stated.

Table 57	1909	1904	1899
<b>I. MATERIALS.</b>			
<b>Total cost.....</b>	<b>\$657,500,856</b>	<b>\$441,204,432</b>	<b>\$390,895,277</b>
<b>Iron and steel:</b>			
For furnaces and hot rolls—			
Tons.....	30,388,755	22,235,682	18,414,717
Cost.....	\$515,769,588	\$349,971,512	\$315,726,895
Pig iron and ferroalloys—			
Tons.....	19,076,889	12,191,228	10,411,281
Cost.....	\$297,471,122	\$172,101,436	\$151,064,348
Pig iron—			
Tons.....	18,712,304	( <sup>1</sup> )	( <sup>1</sup> )
Cost.....	\$282,663,740	( <sup>1</sup> )	( <sup>1</sup> )
Ferroalloys—spiegeleisen, ferromanganese, etc.—			
Tons.....	364,585	( <sup>1</sup> )	( <sup>1</sup> )
Cost.....	\$14,807,382	( <sup>1</sup> )	( <sup>1</sup> )
Scrap, including old rails not intended for re-rolling—			
Tons.....	4,803,617	5,124,277	4,126,980
Cost.....	\$72,722,831	\$67,601,248	\$66,852,621
Ingots, blooms, billets, slabs, muck and scrap bar, re-rolling rails, and sheet and tin-plate bars—			
Tons.....	6,508,249	4,920,177	3,876,456
Cost.....	\$145,575,635	\$110,268,828	\$97,809,926
Rolls for further manufacture—			
Skelp—			
Tons.....	176,717	259,643	( <sup>1</sup> )
Cost.....	\$5,704,856	\$7,331,935	( <sup>1</sup> )
Wire rods—			
Tons.....	146,425	161,914	136,725
Cost.....	\$4,252,695	\$4,774,383	\$5,419,617
Iron ore:			
Tons.....	835,338	549,995	346,310
Cost.....	\$4,292,963	\$2,396,792	\$1,348,809
All other materials.....	\$127,480,754	\$76,729,810	\$68,399,956

Table 57—Continued.	1909	1904	1899
<b>II. PRODUCTS.</b>			
<b>Total value.....</b>	<b>\$985,722,534</b>	<b>\$673,965,026</b>	<b>\$597,211,716</b>
Rolls, forged, and other classified products, steel and iron:			
Tons.....	26,723,274	18,218,233	15,055,626
Value.....	\$863,342,711	\$585,288,243	\$510,906,040
Rails—			
Tons.....	2,858,599	* 2,194,605	* 2,251,337
Value.....	\$81,128,295	\$58,256,750	\$46,533,159
Bessemer steel—			
Tons.....	1,643,527	2,065,024	
Value.....	\$44,727,515	\$54,627,488	
Open-hearth steel, basic—			
Tons.....	1,215,072	128,681	2,250,457
Value.....	\$36,400,780	\$3,608,562	\$46,501,979
Re-rolled or renewed rails—			
Tons.....	106,352	99,530	( <sup>1</sup> )
Value.....	\$2,683,017	\$2,480,328	( <sup>1</sup> )
Rail fastenings (splice bars, tie-plates, fishplates, etc.)—			
Tons.....	396,911	174,055	( <sup>1</sup> )
Value.....	\$14,488,412	\$5,663,052	( <sup>1</sup> )
Structural shapes, not including plates used for making girders—			
Tons.....	2,123,630	954,537	856,983
Value.....	\$65,564,593	\$32,730,901	\$29,361,522
Steel—			
Tons.....	2,102,300	950,062	829,892
Value.....	\$64,853,466	\$32,585,701	\$28,309,966
Open-hearth—			
Tons.....	* 1,934,230	618,391	566,092
Value.....	\$59,789,948	\$21,496,531	\$19,928,249
Bessemer—			
Tons.....	168,070	331,671	263,800
Value.....	\$5,063,518	\$11,089,170	\$8,581,717
Iron—			
Tons.....	21,330	4,475	27,091
Value.....	\$711,127	\$145,200	\$1,051,556
Bars and rods, including merchant, shovel, finger and horse-shoe bars, spike, chain bolt, and nut rods, etc. (but not including wire rods, sheet and tin-plate bars, splice bars, and bars for reinforced concrete):			
Tons.....	3,784,248		
Value.....	\$121,488,423		
Bars for reinforced concrete:			
Tons.....	191,358	2,442,810	2,493,159
Value.....	\$5,588,963	\$84,069,122	\$100,597,221
Wire rods:			
Tons.....	2,295,279	1,792,704	916,587
Value.....	\$61,947,958	\$32,995,631	\$35,529,529
Plates and sheets, not including black plates or sheets for tinning, nail and tack plates, tie-plates, fishplates or armor plates:			
Tons.....	3,332,733	1,856,469	1,488,066
Value.....	\$133,272,393	\$77,802,001	\$68,109,223
Black plates, or sheets, for tinning:			
Tons.....	631,435	504,025	394,014
Value.....	\$30,955,967	\$25,297,079	\$20,967,806
Skelp, flue and pipe:			
Tons.....	2,084,286	1,557,690	
Value.....	\$64,514,728	\$46,780,202	
Hoops, bands, and cotton ties:			
Tons.....	341,043	337,223	1,195,189
Value.....	\$10,429,681	\$12,760,010	\$49,159,747
Nail and tack plates:			
Tons.....	68,557	86,601	97,664
Value.....	\$2,540,022	\$2,462,076	\$3,115,558
Axles, car, locomotive, automobile, wagon, carriage, etc., rolled or forged:			
Tons.....	102,348	83,585	102,606
Value.....	\$3,831,344	\$2,875,829	\$4,482,937
Armor plates, gun forgings, and ordnance:			
Tons.....	26,845	24,433	15,302
Value.....	\$10,649,079	\$10,549,620	\$7,526,479
Blooms, billets, and slabs, produced for sale or for transfer to other works of same company:			
Tons.....	4,887,796		
Value.....	\$108,514,747		
Rolls forged blooms and billets produced for sale or for transfer to other works of same company:			
Tons.....	84,383	4,823,585	4,172,286
Value.....	\$2,247,133	\$109,611,104	\$96,321,887
Sheet and tin-plate bars produced for sale or for transfer to other works of same company:			
Tons.....	1,652,761		
Value.....	\$37,745,269		
Muck and scrap bar produced for sale or for transfer to other works of same company:			
Tons.....	174,496	150,926	203,681
Value.....	\$4,986,211	\$3,940,998	\$5,940,587
All other rolled steel or iron:			
Tons.....	566,627	377,865	506,880
Value.....	\$39,570,061	\$16,743,727	\$19,202,606

For footnotes, see page 490.



Table 57—Continued.

	1909	1904	1899		1909	1904	1899
<b>II. PRODUCTS—continued.</b>				<b>IV. MANUFACTURES FROM ROLLING-MILL PRODUCTS—continued.</b>			
Rolled, forged, and other classified products, steel and iron—Continued.				Horse and mule shoes:			
Ingots produced for sale or for transfer to other works of same company:				Keys (200 pounds).....	996,383	768,253	( <sup>1</sup> )
Tons.....	142,745	196,404	103,707	Value.....	\$7,202,897	\$5,483,137	( <sup>1</sup> )
Value.....	\$3,593,726	\$3,983,310	\$2,781,145	Springs, car, furniture, and all other, not including wire springs:			
Direct steel castings:				Tons.....	6,191	22,022	( <sup>1</sup> )
Tons.....	504,856	287,325	177,156	Value.....	\$374,924	\$1,708,632	( <sup>1</sup> )
Value.....	\$38,862,448	\$20,600,136	\$14,609,803	Switches, frogs, crossings, etc.:			
All other forged steel and iron, not including remanufactures of rolling-mill products:				Tons.....	28,608	( <sup>1</sup> )	( <sup>1</sup> )
Tons.....	365,986	274,061	81,009	Value.....	\$2,471,008	( <sup>1</sup> )	( <sup>1</sup> )
Value.....	\$18,740,241	\$15,684,967	\$6,665,741	Galvanized plates or sheets:			
All other products.....	\$122,379,823	\$88,676,783	\$86,305,676	Tons.....	431,658	( <sup>1</sup> )	( <sup>1</sup> )
Miscellaneous steel and iron products not rolled, including value added to iron and steel rolling-mill products by further manufacture.....	\$86,534,369	\$61,977,284	( <sup>2</sup> )	Value.....	\$25,912,056	( <sup>1</sup> )	( <sup>1</sup> )
Scrap steel or iron produced for sale or for transfer to other works of same company:				Stamped ware:			
Tons.....	1,238,554	877,177	( <sup>2</sup> )	Tons.....	24,612	( <sup>1</sup> )	( <sup>1</sup> )
Value.....	\$18,163,624	\$11,079,831	( <sup>2</sup> )	Value.....	\$2,296,707	\$292,923	( <sup>1</sup> )
All products other than steel and iron.....	\$17,681,830	\$15,619,668	( <sup>2</sup> )	Shovels, spades, scoops, etc.....	\$540,321	\$410,500	( <sup>1</sup> )
<b>III. STEEL.</b>				<b>V. PRODUCTS SOLD FOR EXPORT.</b>			
Total production:				(By establishments producing.)			
Tons.....	* 23,473,718	* 13,666,408	10,685,000	Total tons.....	867,646	( <sup>1</sup> )	( <sup>1</sup> )
Value (included above).....	\$478,736,988	\$269,884,712	\$212,538,875	Rails.....	317,455	( <sup>1</sup> )	( <sup>1</sup> )
Classified according to process:				Rail fastenings.....	20,118	( <sup>1</sup> )	( <sup>1</sup> )
Open-hearth—				Pipes and tubes, wrought welded.....	89,377	( <sup>1</sup> )	( <sup>1</sup> )
Tons.....	14,192,278	5,817,957	3,044,356	Sheet and tin-plate bars.....	85,123	( <sup>1</sup> )	( <sup>1</sup> )
Value.....	\$293,528,201	\$120,322,707	\$71,855,172	Plates and sheets.....	80,706	( <sup>1</sup> )	( <sup>1</sup> )
Basic—				Galvanized plates or sheets.....	79,246	( <sup>1</sup> )	( <sup>1</sup> )
Tons.....	13,210,419	5,062,152	2,153,835	Structural shapes.....	69,764	( <sup>1</sup> )	( <sup>1</sup> )
Value.....	\$262,529,822	\$94,390,927	\$43,509,506	Bars and rods.....	48,938	( <sup>1</sup> )	( <sup>1</sup> )
Acid—				Wire rods.....	18,738	( <sup>1</sup> )	( <sup>1</sup> )
Tons.....	981,859	755,805	890,521	Blooms, billets, and slabs.....	18,021	( <sup>1</sup> )	( <sup>1</sup> )
Value.....	\$30,998,379	\$25,931,780	\$28,345,666	Skelp.....	10,703	( <sup>1</sup> )	( <sup>1</sup> )
Bessemer—				Miscellaneous.....	29,457	( <sup>1</sup> )	( <sup>1</sup> )
Tons.....	9,174,067	7,768,141	7,532,028	<b>VI. EQUIPMENT.</b>			
Value.....	\$177,064,776	\$134,549,589	\$132,113,984	Steel plants: Daily capacity of steel furnaces and converters, tons of steel, double turn.....	108,716	76,482	53,745
Crucible and miscellaneous—				Open-hearth furnaces—			
Tons.....	107,373	89,310	108,616	Number.....	687	481	307
Value.....	\$8,144,011	\$6,012,425	\$8,569,719	Daily capacity, tons of steel, double turn.....	61,601	34,243	18,245
Classified according to form:				Basic—			
Ingots—				Number.....	549	339	168
Tons.....	22,968,862	13,379,083	10,507,844	Daily capacity, tons of steel, double turn.....	55,273	26,902	12,151
Value.....	\$439,874,540	\$240,284,576	\$197,928,982	Acid—			
Castings—				Number.....	138	142	139
Tons.....	504,856	287,325	177,156	Daily capacity, tons of steel, double turn.....	6,328	7,341	6,094
Value.....	\$38,862,448	\$20,600,136	\$14,609,893	Converters, Bessemer or modified Bessemer—			
Duplex process—open-hearth steel partly purified in Bessemer converters before finishing in open-hearth furnaces (included above), tons.....	522,682	( <sup>1</sup> )	( <sup>1</sup> )	Number.....	101	81	70
Alloyed steels, nickel, tungsten, titanium, chrome, vanadium, etc. (included above), tons.....	158,216	( <sup>1</sup> )	( <sup>1</sup> )	Daily capacity, tons of steel, double turn.....	48,823	41,448	34,925
Classified according to process:				Crucible furnaces—			
Open-hearth.....	100,335	( <sup>1</sup> )	( <sup>1</sup> )	Number.....	257	146	159
Basic.....	86,242	( <sup>1</sup> )	( <sup>1</sup> )	Number of pots that can be used at a heat.....	3,840	2,457	2,528
Acid.....	14,093	( <sup>1</sup> )	( <sup>1</sup> )	Daily capacity, tons of steel, double turn.....	840	693	575
Bessemer.....	45,324	( <sup>1</sup> )	( <sup>1</sup> )	All other steel furnaces—			
Crucible and miscellaneous.....	12,557	( <sup>1</sup> )	( <sup>1</sup> )	Number.....	16	36	( <sup>1</sup> )
Classified according to form:				Daily capacity, tons of steel, double turn.....	292	98	56
Ingots.....	151,300	( <sup>1</sup> )	( <sup>1</sup> )	Metal mixers—			
Castings.....	6,916	( <sup>1</sup> )	( <sup>1</sup> )	Number.....	59	( <sup>1</sup> )	( <sup>1</sup> )
<b>IV. MANUFACTURES FROM ROLLING-MILL PRODUCTS.</b>				Capacity, tons.....	14,343	( <sup>1</sup> )	( <sup>1</sup> )
(Made in mill producing, value previously included.)				Rolling mills: Daily capacity of rolled steel and iron, double turn, tons.....	150,403	105,591	86,964
Wire and wire products:				<sup>1</sup> Includes materials purchased or transferred to the establishment reporting from other works of the company.			
Tons (2,000 pounds).....	1,634,855	1,416,494	879,296	<sup>2</sup> Not reported separately.			
Value.....	\$71,624,024	\$67,551,443	\$47,728,784	<sup>3</sup> In addition, steel castings and rolled steel valued at \$6,627,009 in 1909 and \$347,264 in 1904 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.			
Pipes and tubes:				<sup>4</sup> Includes 900 tons of iron rails, valued at \$20,700, in 1904, and 880 tons, valued at \$31,180, in 1899.			
Wrought welded—				<sup>5</sup> Includes 149,688 tons of steel, valued at \$4,537,625, not distributable by kind into open-hearth or Bessemer.			
Tons.....	1,314,771	849,047	( <sup>1</sup> )	<sup>6</sup> In addition, 49,481 tons of steel, valued at \$4,140,344, in 1909, and 4,184 tons, valued at \$347,264, in 1904, distributed as to tonnage as indicated below, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation:			
Value.....	\$68,471,573	\$43,985,728	( <sup>1</sup> )				
Seamless, hot-rolled or drawn—							
Tons.....	54,273		( <sup>1</sup> )				
Value.....	\$5,650,739		( <sup>1</sup> )				
All other, including clinched, riveted, etc., but not including cast:							
Tons.....	17,561	20,636	( <sup>1</sup> )				
Value.....	\$986,699	\$2,290,234	( <sup>1</sup> )				
Bolts, nuts, rivets, forged spikes, washers, etc.:							
Keys (200 pounds).....	4,471,985	3,105,827	( <sup>1</sup> )				
Value.....	\$20,538,858	\$13,854,635	( <sup>1</sup> )				
Cut nails and spikes:							
Keys (100 pounds).....	1,009,319	1,311,549	1,658,443				
Value.....	\$2,218,207	\$2,394,108	\$3,292,063				

<sup>1</sup> Includes materials purchased or transferred to the establishment reporting from other works of the company.

<sup>2</sup> Not reported separately.

<sup>3</sup> In addition, steel castings and rolled steel valued at \$6,627,009 in 1909 and \$347,264 in 1904 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>4</sup> Includes 900 tons of iron rails, valued at \$20,700, in 1904, and 880 tons, valued at \$31,180, in 1899.

<sup>5</sup> Includes 149,688 tons of steel, valued at \$4,537,625, not distributable by kind into open-hearth or Bessemer.

<sup>6</sup> In addition, 49,481 tons of steel, valued at \$4,140,344, in 1909, and 4,184 tons, valued at \$347,264, in 1904, distributed as to tonnage as indicated below, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation:

	1909	1904
Tons of steel.....	49,481	4,184
Classified according to process:		
Open-hearth.....	36,099	2,440
Bessemer.....	6,066	774
Crucible and miscellaneous.....	7,316	970
Classified according to form:		
Ingots.....	5,102	
Castings.....	44,379	4,184

<sup>1</sup> Not reported.



The following table gives, for 1909, statistics of materials consumed, classified as purchased or as produced by the establishment consuming, and statistics of products, classified as sold or as consumed by the establishment producing. This information was not secured at former censuses. Eighty per cent of the pig iron used was made in blast furnaces operated by the consumer. The difference between the 15,252,736 tons of pig-iron material reported as produced by the consumer and the 15,858,203 tons reported in the table for blast furnaces as made for consumption in works of the producer—a little over 600,000 tons—represents the consumption in foundries and other shops owned by the producing companies but not covered by the preceding table.

Table 58

MATERIAL.	QUANTITY (TONS).			
	Total.	Produced by the company reporting—		Purchased.
		In the works where consumed.	Transferred from other works of the company.	
<i>Produced and purchased.</i>				
Pig iron and ferroalloys.....	19,076,889	15,252,736	3,824,153	
Pig iron.....	18,712,304	15,108,244	3,604,060	
Ferroalloys—spiegeleisen, ferromanganese, etc.....	364,585	144,492	220,093	
Scrap.....	9,929,710	5,126,093	773,843	4,029,774
Ingots, blooms, billets, slabs, muck and scrap bar, re-rolling rails, and sheet and tin-plate bars, not produced in the works.....	6,508,249		3,080,672	3,427,577
Skelp.....	1,578,290	1,401,573	35,221	141,496
Wire rods.....	1,465,221	1,318,796	128,291	18,134
PRODUCT.	QUANTITY (TONS).			
	Total.	For consumption—		For sale.
		In the works producing.	Transferred to other works of the company	
<i>Consumed and sold.</i>				
Steel ingots.....	22,968,862	22,826,117	112,301	30,444
Open-hearth.....	13,725,783	13,626,241	72,433	27,109
Basic.....	12,952,840	12,864,514	69,815	18,511
Acid.....	772,943	761,727	2,618	8,598
Bessemer.....	9,145,542	9,103,816	39,726	2,000
Crucible and miscellaneous.....	97,537	96,060	142	1,335
Blooms, billets, and slabs.....	16,263,418	11,375,622	3,045,977	1,841,819
Rolling forging blooms and billets.....	160,997	76,614		84,383
Muck and scrap bar.....	1,366,324	1,191,828	20,065	154,431
Sheet and tin-plate bars.....	2,094,398	441,637	27,353	1,625,408
Bars and rods.....	3,784,248	632,679		3,151,569
Wire rods.....	2,295,279	1,318,796	465,161	511,322
Plates and sheets.....	3,332,733	463,665	61,954	2,807,114
Black plates and sheets.....	631,435		575,160	56,275
Skelp.....	2,084,286	1,401,573	102,027	580,686
Nail and tack plates.....	68,557	42,690		25,867
Miscellaneous rolled iron or steel.....	462,071	66,581	2,113	393,377
Miscellaneous forged iron or steel.....	365,986	64,548		301,438
Scrap.....	6,364,647	5,126,093	398,436	840,118

**Tin and terne plate.**—The statistics for the tin and terne plate industry are given in the following table. Nearly 98 per cent of the black plates dipped were rolled by the establishment reporting. The value of all products was \$47,969,645 in 1909 as compared with \$31,892,011 in 1899, an increase of 50.4 per cent. The development of the tin and terne plate

industry has taken place almost entirely within the last 20 years, the production in 1891 being only about 2,236,000 pounds, or less than one five-hundredth of the 1909 output.

Table 59

	1909	1904	1899
<b>MATERIALS.</b>			
<b>Total cost.....</b>	<b>\$41,889,434</b>	<b>\$31,375,714</b>	<b>\$26,728,150</b>
Black plates or sheets:			
Pounds.....	1,321,071,691	1,019,608,657	827,915,599
Cost.....	\$28,981,151	\$22,992,006	\$20,668,848
Produced by the establishment reporting:			
Pounds.....	1,291,048,109	943,798,583	( <sup>1</sup> )
Cost.....	\$28,245,234	\$21,154,388	( <sup>1</sup> )
Purchased:			
Pounds.....	30,023,582	75,810,074	( <sup>1</sup> )
Cost.....	\$735,917	\$1,837,618	( <sup>1</sup> )
Coating metals:			
Pounds.....	40,927,759	32,445,104	27,154,258
Cost.....	\$9,670,037	\$7,075,722	\$4,927,090
Tin, including tin contents of terne mixture purchased—			
Pounds.....	31,077,651	24,243,851	20,282,778
Cost.....	\$9,235,718	\$6,709,164	\$4,528,473
Lead, including lead contents of terne mixture purchased—			
Pounds.....	9,850,108	8,201,253	6,871,480
Cost.....	\$434,319	\$366,558	\$368,617
In condition purchased—			
Pig tin—			
Pounds.....	28,586,267	( <sup>1</sup> )	( <sup>1</sup> )
Cost.....	\$8,490,794		
Pig lead—			
Pounds.....	2,708,496	( <sup>1</sup> )	( <sup>1</sup> )
Cost.....	\$117,656		
Terne mixture—			
Pounds.....	9,632,996	( <sup>1</sup> )	( <sup>1</sup> )
Cost.....	\$1,061,587		
All other materials.....	\$3,238,246	\$1,307,985	\$1,132,212
<b>PRODUCTS.</b>			
<b>Total value.....</b>	<b>\$47,969,645</b>	<b>\$35,283,360</b>	<b>\$31,892,011</b>
Tin and terne plates:			
Pounds.....	1,315,313,132	1,026,384,851	849,004,022
Value.....	\$45,815,146	\$34,549,543	\$31,284,145
Tin plates—			
Pounds.....	1,123,968,875	867,526,965	707,718,239
Value.....	\$38,259,885	\$28,429,971	\$25,553,021
Terne plates—			
Pounds.....	191,344,257	158,857,866	141,285,783
Value.....	\$7,555,261	\$6,119,572	\$5,731,124
Other sheet iron or sheet steel tinned or terne-plated, taggers tin, etc.:—			
Pounds.....	19,400,934	6,555,855	1,000,473
Value.....	\$520,465	\$217,476	\$86,492
All other products.....	\$1,634,034	\$516,341	\$521,374
<b>EQUIPMENT.</b>			
<i>Tin or terne sets at end of year:</i>			
Completed—			
Number.....	563	598	585
Usually employed on tin plates.....	450	478	( <sup>1</sup> )
Usually employed on terne plates.....	113	120	( <sup>1</sup> )
Daily capacity, single turn, pounds.....	2,795,972	3,261,298	2,732,901
Tin plates.....	2,055,815	2,094,115	2,003,538
Terne plates.....	740,057	567,183	729,363
Daily capacity as operated, whether on single, double, or triple turn, pounds.....	7,016,293	7,121,350	( <sup>1</sup> )
Building, number.....	49	( <sup>1</sup> )	53
<i>Black-plate department of establishments making their black plates:</i>			
Hot black-plate mills at end of year—			
Completed—			
Number.....	335	315	332
Annual capacity on triple turn, long tons.....	1,042,088	707,405	641,450
Building—			
Number.....	20	( <sup>1</sup> )	23
Annual capacity on triple turn, long tons.....	36,600	( <sup>1</sup> )	51,275
Cold mills, completed, number.....	268	272	308

<sup>1</sup> Domestic; no foreign plates reported; includes 8,726,538 pounds of iron plates; balance steel, not distributable by kind of steel.

<sup>2</sup> Includes \$3,900 pounds of foreign plates, costing \$3,760; the domestic plates reported were distributed by kind as follows: Bessemer steel, 911,663,989 pounds; open-hearth steel, 106,911,401 pounds; iron, 949,367 pounds.

<sup>3</sup> Includes 2,358,007 pounds of foreign plates, costing \$78,282.

<sup>4</sup> Not reported.

<sup>5</sup> Consumption of establishments not equipped for the manufacture of black plates.

<sup>6</sup> Terne mixture purchased not reported separately; contents reported as tin and lead.

<sup>7</sup> In addition 8,389,200 pounds of tin and terne plate and taggers tin, valued at \$398,143, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>8</sup> Includes idle establishments.



Wire.—The following table presents the statistics for wire manufactures in 1909. Comparable statistics in detail for 1904 and 1899 are not available for the total wire production, as special reports were not secured prior to the present census from wire mills drawing wire from purchased rods. The total value of the steel and iron wire product more than doubled from 1899 to 1909. The total value of all wire and manufactures of wire reported in 1909 was \$173,349,614, of

which 69.6 per cent represents the value of products made from steel and iron, 27.2 per cent that of products made from copper, and 3.2 per cent that of products made from other metal, chiefly brass. Establishments rolling wire from rods manufactured by them reported 54.3 per cent of the wire products in value, and mills drawing wire from purchased rods produced 45.7 per cent. The *ton of 2,000 pounds* is used in showing quantities.

Table 60

	Total.	Wire mills (wire rods purchased).	Wire depart- ments of rolling mills <sup>1</sup> (wire rods rolled).		Total.	Wire mills (wire rods purchased).	Wire depart- ments of rolling mills <sup>1</sup> (wire rods rolled).
PRINCIPAL MATERIALS.				PRODUCTS—continued.			
Metal used, cost.....	\$115,655,427	\$51,240,373	\$64,415,054	Wire and manufactures of wire—Contd.			
Wire rods.....	\$112,799,516	\$50,810,983	\$61,988,533	Steel and iron—Continued.			
Steel—				Barb wire—			
Tons.....	2,514,504	850,729	1,663,775	Tons.....	323,565	76,268	247,297
Cost.....	\$67,439,887	\$23,021,867	\$44,418,020	Value.....	\$13,881,517	\$3,343,856	\$10,537,661
Open-hearth—				Woven wire, fencing, and poultry netting—			
Tons.....	1,359,256	285,961	1,073,295	Tons.....	422,127	115,889	306,238
Cost.....	\$38,532,177	\$8,536,361	\$29,995,816	Value.....	\$21,419,170	\$6,724,077	\$14,695,093
Basic—				Wire rope and strand—			
Tons.....	1,255,747	233,105	1,022,642	Tons.....	45,303	34,140	11,163
Cost.....	\$35,046,106	\$6,695,310	\$28,350,796	Value.....	\$6,683,771	\$5,450,064	\$1,233,707
Acid—				Other manufactures—springs, bale ties, cold-rolled flat wire, etc.—			
Tons.....	103,509	52,856	50,653	Tons.....	129,945	71,006	58,939
Cost.....	\$3,486,071	\$1,841,051	\$1,645,020	Value.....	\$10,856,154	\$6,139,901	\$4,725,253
Bessemer—				Copper—			
Tons.....	1,148,353	558,048	590,305	Tons.....	154,231	102,604	51,627
Cost.....	\$28,340,445	\$13,936,178	\$14,404,267	Value.....	\$47,184,164	\$30,831,646	\$16,352,518
Crucible and other steel—				Wire drawn for sale—			
Tons.....	6,895	6,720	175	Tons.....	139,482	102,418	37,064
Cost.....	\$567,265	\$549,328	\$17,937	Value.....	\$42,336,274	\$30,736,728	\$11,599,546
Iron—				Manufactures of wire—			
Tons.....	4,849	1,055	3,794	Tons.....	14,749	186	14,563
Cost.....	\$207,846	\$62,203	\$145,643	Value.....	\$4,847,890	\$94,918	\$4,752,972
Copper—				Other metal—			
Tons.....	151,951	102,394	49,557	Tons.....	17,407	1,048	16,359
Cost.....	\$40,916,084	\$27,462,312	\$13,453,772	Value.....	\$5,579,813	\$484,019	\$5,095,794
Other metal— <sup>2</sup>				Wire drawn for sale—			
Tons.....	17,944	935	17,009	Tons.....	15,583	1,008	14,575
Cost.....	\$4,235,699	\$264,601	\$3,971,098	Value.....	\$4,993,376	\$459,383	\$4,533,993
Purchased wire, plain or coated:				Manufactures of wire—			
Tons.....	57,922	8,943	48,979	Tons.....	1,824	40	1,784
Cost.....	\$2,855,911	\$429,390	\$2,426,521	Value.....	\$586,437	\$24,436	\$562,001
PRODUCTS.				All other products.....	\$6,733,908	\$5,236,649	\$1,497,259
Total value.....	\$180,083,522	\$84,486,518	\$95,597,004	Wire drawn, whether for consumption or for sale, tons:			
Wire, and manufactures of wire.....	\$173,349,614	\$79,249,869	\$94,099,745	Steel and iron.....	2,389,136	787,322	1,601,814
Steel and iron—				Copper.....	147,156	101,890	45,266
Tons.....	2,471,858	821,929	1,649,929	Other metal <sup>3</sup> .....	17,411	1,051	16,360
Value.....	\$120,585,637	\$47,934,204	\$72,651,433	EQUIPMENT.			
Wire drawn for sale—				Wire-drawing blocks:			
Tons.....	826,451	343,905	482,546	Number <sup>1</sup> .....	43,697	28,119	15,578
Value.....	\$38,845,081	\$18,823,035	\$20,022,046	Annual capacity, tons.....	3,213,574	1,065,250	2,148,324
Plain—				Wire-nail machines:			
Tons.....	472,046	188,846	283,200	Number.....	4,428	1,207	3,221
Value.....	\$22,632,230	\$11,349,868	\$11,282,362	Annual capacity (kegs of 100 pounds).....	18,756,995	4,693,513	14,063,482
Coated—				Woven-wire fence machines:			
Tons.....	354,405	155,059	199,346	Number.....	446	198	248
Value.....	\$16,212,851	\$7,473,167	\$8,739,684	Annual capacity, tons.....	481,373	134,803	346,570
Wire nails and spikes—							
Kegs (100 pounds).....	13,926,861	3,449,753	10,477,108				
Value.....	\$27,575,774	\$7,142,047	\$20,433,727				
Wire brads, tacks, and staples—							
Tons.....	28,125	7,334	20,791				
Value.....	\$1,324,170	\$320,224	\$1,003,946				

<sup>1</sup> Includes the wire departments of iron and steel, copper, and brass rolling mills.

<sup>2</sup> Brass, bronze, German silver, zinc, etc., chiefly brass.

<sup>3</sup> Includes rod, redrawing, and fine wire blocks.

The comparative statistics for steel and iron wire products, 1909, 1904, and 1899, are as follows:

Table 61	PRODUCT.	1909	1904	1899
	Total value.....	\$120,585,637	\$83,353,956	\$52,871,387
	Wire mills.....	\$47,934,204	\$15,802,513	\$5,142,603
	Wire departments of rolling mills:			
	Tons.....	1,649,929	1,416,494	879,296
	Value.....	\$72,651,433	\$67,551,443	\$47,728,784

#### LEATHER AND ITS PRODUCTS.

The primary or underlying industry of this group is the converting of hides and skins into leather by the various processes of tanning, tawing, currying, and finishing. The designation employed for this industry is "leather, tanned, curried, and finished." The group also includes the manufacture of boots and shoes and the manufacture of leather gloves and mittens.



**Leather.**—The following table gives the statistics of the leather industry in detail for 1909, 1904, and 1899.

The number of hides and skins treated, including those treated as custom work for others not tanners, curriers, or finishers, as well as those used in further manufacture by the establishments treating them, was 146,328,586 in 1909 and 131,011,956 in 1904. Comparative figures for this aggregate for 1899 are not available. Exclusive of custom work, 116,040,986 hides and skins, costing \$195,058,557, were treated by tanneries in 1909, and 99,709,343, costing \$123,545,969, in 1899, the increase in number being 16.4 per cent and that in cost 57.9 per cent. The increase for the decade in the number of hides used was 15.9 per cent;

that in calf and kip skins, 120.6 per cent; that in sheepskins, 6.4 per cent; and that in goatskins, less than 1 per cent.

The cost of purchased rough leather used increased 43.4 per cent and that of all other materials, which include tanning and finishing materials, 76.1 per cent.

The value of leather manufactured in 1909 was \$306,476,720, as compared with \$194,202,063 in 1899, an increase of 57.8 per cent, which is practically the same as the percentage of increase in the cost of hides and skins treated. There is considerable duplication in the value of products, due to the sale of leather in the rough as product of one establishment and its use as material in another.

Table 62	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
<b>Total cost.....</b>	<b>\$248,278,933</b>	<b>\$191,179,073</b>	<b>\$155,000,004</b>	<b>Leather—Continued.</b>			
Hides <sup>1</sup> (all kinds):				Upper—Continued.			
Number.....	18,360,415	17,581,613	15,838,802	Finished splits—			
Cost.....	\$119,410,767	\$89,126,593	\$77,784,760	Number.....	8,134,229	6,205,050	8,790,382
Skins: <sup>1</sup>				Value.....	\$7,410,740	\$5,993,231	\$6,740,502
Number.....	97,680,571	90,625,064	83,870,481	Patent and enameled shoe—			
Cost.....	\$75,647,790	\$56,341,332	\$45,761,209	Sides.....	2,705,291	1,356,777	236,943
Calf and kip—				Value.....	\$8,341,727	\$3,335,352	\$1,092,534
Number.....	19,732,638	12,481,221	8,944,454	Horsehides and coltskins—			
Cost.....	\$31,790,572	\$15,725,616	\$10,792,485	Number.....	1,342,938	1,529,395	223,378
Goat—				Value.....	\$4,953,145	\$4,596,065	\$843,118
Number.....	48,077,664	47,665,003	48,046,897	Calf and kip skins, tanned and			
Cost.....	\$27,833,214	\$26,756,012	\$24,950,223	finished—			
Sheep—				Number.....	19,012,064	12,014,223	8,264,272
Number.....	26,082,060	27,492,359	24,507,642	Value.....	\$42,412,256	\$22,508,335	\$14,619,150
Cost.....	\$12,231,618	\$10,547,883	\$8,457,995	Grain finished—			
All other—				Number.....	17,516,910	10,211,885	7,112,859
Number.....	3,788,209	2,985,881	2,371,488	Value.....	\$39,982,447	\$18,996,551	\$12,127,439
Cost.....	\$3,792,386	\$3,311,821	\$1,560,506	Flesh finished—			
Rough leather purchased	\$9,556,257	\$10,852,655	\$6,663,395	Number.....	1,495,154	1,802,338	1,151,413
Whole sides—				Value.....	\$2,429,809	\$3,511,784	\$2,491,711
Number.....	1,468,213	2,414,102	1,086,592	Goatskins, tanned and finished—			
Cost.....	\$4,967,781	\$8,136,661	\$3,534,997	Number.....	47,907,211	45,691,492	47,043,932
Grains—				Value.....	\$40,882,640	\$37,887,349	\$35,672,981
Sides.....	525,786	342,332	165,938	Black—			
Cost.....	\$1,201,842	\$980,260	\$467,125	Number.....	40,351,192	40,019,614	38,176,816
Splits.....	\$1,442,505	\$1,108,243	\$1,320,589	Value.....	\$33,949,575	\$32,822,282	\$29,059,886
All other.....	\$1,944,129	\$627,491	\$1,341,584	Colored—			
All other materials.....	\$43,664,119	\$34,858,493	\$24,790,640	Number.....	7,556,019	5,671,878	8,867,116
				Value.....	\$6,933,065	\$5,065,067	\$6,622,095
<b>PRODUCTS.</b>				Sheepskins, tanned and finished—			
<b>Total value.....</b>	<b>\$327,874,187</b>	<b>\$252,620,986</b>	<b>\$204,038,127</b>	Number.....	19,665,155	20,597,598	20,290,985
Leather.....	\$306,476,720	\$236,765,803	\$194,202,063	Value.....	\$12,236,687	\$11,168,829	\$8,353,755
Sole.....	\$88,331,713	\$69,205,600	\$55,481,625	Belting—			
Hemlock—				Sides.....	1,042,070	859,564	1,472,016
Sides.....	7,963,728	9,929,964	9,810,996	Value.....	\$6,995,133	\$4,754,456	\$7,092,778
Value.....	\$32,237,151	\$32,676,015	\$29,305,561	Harness—			
Oak—				Sides.....	3,946,235	4,369,561	3,444,616
Sides.....	3,805,861	3,607,963	2,562,814	Value.....	\$24,802,734	\$20,274,188	\$16,712,056
Value.....	\$26,083,793	\$19,157,805	\$13,359,816	Carriage, automobile, and furni-			
Union—				ture—			
Sides.....	5,756,227	4,400,011	3,096,162	Hides.....	1,398,842	827,104	619,741
Value.....	\$28,375,815	\$17,371,780	\$12,807,262	Value.....	\$14,266,742	\$7,780,804	\$5,748,387
Chrome—				Trunk, bag, and pocketbook.....	\$6,198,544	\$4,920,750	\$2,611,326
Sides.....	279,436	( <sup>c</sup> )	2,100	Bookbinder's.....	\$2,450,155	\$2,283,761	\$1,688,413
Value.....	\$1,634,954	( <sup>c</sup> )	\$8,966	Glove.....	\$4,913,543	\$3,344,614	\$3,084,837
Upper, other than calf or kip				Sold in rough.....	\$6,335,599	\$10,180,949	\$6,804,345
skins.....	\$39,951,460	\$24,815,835	\$25,311,838	All other.....	\$11,746,309	\$13,044,268	\$10,117,454
Grain, satin, pebble, etc.				All other products.....	\$8,632,689	\$7,665,223	\$5,514,395
(side leather)—				Work on materials for others.....	\$12,764,778	\$8,189,960	\$4,321,669
Sides.....	7,946,769	6,850,469	8,141,093				
Value.....	\$24,198,993	\$15,487,252	\$17,478,802				

<sup>1</sup> In addition, in 1909, 1,903,278 hides and 27,936,887 skins and in 1904, 961,431 hides and 21,792,110 skins, were treated for others, not tanners, curriers, or finishers; and in 1899, 232,639 hides and 194,796 skins and in 1904, 12,453 hides and 39,285 skins were treated by establishments using the leather for further manufacture.

<sup>2</sup> Cattle hides only.

<sup>3</sup> Includes horsehides.

<sup>4</sup> In addition, in 1909, leather to the value of \$6,231,374, and in 1904 to the value of \$154,932, was tanned, curried, or finished and consumed by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>5</sup> Not reported separately.

**Boots and shoes.**—The full designation for this industry is "boots and shoes, including cut stock and findings." The total value of products was \$512,797,642 in 1909, as compared with \$357,688,160

in 1904 and \$290,047,087 in 1899, an increase for the decade of \$222,750,555, or 76.8 per cent. In addition, in 1909 there were boot and shoe products to the value of \$1,439,280, and in 1904 to the value of \$89,000,



made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The schedule employed did not call for segregation of value of products. The following table shows the number of pairs of the different kinds of shoes and slippers reported at each of the last three censuses.

Table 63 KIND.	NUMBER OF PAIRS.		
	1909	1904	1899
Boots and shoes.....	247,643,197	216,039,401	195,589,173
Men's.....	93,888,892	83,434,322	67,742,839
Boys' and youths'.....	23,838,626	21,717,236	21,039,479
Women's.....	86,595,314	69,470,876	64,972,653
Misses' and children's.....	43,320,365	41,416,967	41,843,202
Slippers.....	17,507,834	17,518,291	17,092,841
Men's, boys', and youths'.....	4,802,841	4,403,097	4,446,965
Women's, misses', and children's.....	12,704,993	13,115,194	12,645,876
Infants' shoes and slippers.....	15,000,721	(1)	(1)
All other.....	4,865,429	8,552,343	5,283,405

<sup>1</sup> Not reported separately.

There were 247,643,197 pairs of boots and shoes manufactured in 1909, 216,039,401 pairs in 1904, and

195,589,173 pairs in 1899, the increase being 26.6 per cent for the decade and 14.6 per cent for the 1904-1909 period. In 1909 men's boots and shoes formed 37.9 per cent of the total number of boots and shoes; women's, 35 per cent; misses' and children's, 17.5 per cent; and boys' and youths', 9.6 per cent.

The total output of slippers reported for 1909 was 17,507,834 pairs, practically the same as at each of the two preceding censuses. The figures indicate a considerable decrease since 1904 in women's, misses', and children's slippers, but it is probable that infants' shoes and slippers, reported separately in 1909, were to some extent included with children's slippers in 1904.

The number of pairs of the different kinds of boots, shoes, and slippers manufactured by the various methods was reported for the first time in 1909, and is shown in the next table. Of the total number manufactured, 43.2 per cent were of the McKay type, 35.3 per cent machine or hand welt, 10.6 per cent turned, 8.8 per cent wire-screw or metal-fastened, and 2.1 per cent wooden-pegged.

Table 64 KIND.	NUMBER OF PAIRS.					
	Total.	Machine or hand welt.	Turned.	McKay.	Wooden-pegged.	Wire-screw or metal-fastened.
Boots and shoes.....	247,643,197	87,391,763	26,317,990	107,063,644	5,226,161	21,643,639
Men's.....	93,888,892	53,212,450	989,240	20,438,585	3,921,652	15,326,965
Boys' and youths'.....	23,838,626	4,423,934	50,377	15,016,611	567,939	3,779,765
Women's.....	86,595,314	25,871,899	14,281,764	44,518,966	533,579	1,389,106
Misses' and children's.....	43,320,365	3,883,480	10,996,609	27,089,482	202,991	1,147,803
Slippers.....	17,507,834	1,318,995	7,611,748	8,396,874	28,918	151,299
Men's, boys', and youths'.....	4,802,841	648,007	1,733,742	2,286,652	16,851	117,589
Women's, misses', and children's.....	12,704,993	670,888	5,878,006	6,110,222	12,067	33,710
Infants' shoes and slippers.....	15,000,721	1,979,593	11,447,508	1,520,072	41,731	11,817
All other.....	4,865,429	1,429,249	1,189,742	1,286,281	321,082	639,075

Gloves and mittens, leather.—The quantity and value of the different kinds of products reported for this branch of the leather industry for 1909, 1904, and 1899 are shown in the following table:

Table 65 PRODUCT.	1909	1904	1899
Total value.....	\$23,630,598	\$17,740,395	\$16,926,156
Gloves, mittens, and gauntlets:			
Dozen pairs.....	3,368,655	3,370,146	*2,895,661
Value.....	\$22,525,861	\$17,122,772	\$16,039,168
Men's—			
Dozen pairs.....	2,585,977	2,915,415	2,267,327
Value.....	\$17,060,797	\$14,515,770	\$12,418,258
Lined—			
Dozen pairs.....	921,259	1,317,083	952,820
Value.....	\$5,222,174	\$6,333,081	\$4,959,902
Unlined—			
Dozen pairs.....	1,664,718	1,598,332	1,314,507
Value.....	\$11,838,623	\$8,182,689	\$7,458,356
Women's and children's:			
Dozen pairs.....	782,678	454,731	604,330
Value.....	\$5,465,064	\$2,607,002	\$3,470,258
Lined—			
Dozen pairs.....	365,477	241,361	267,149
Value.....	\$1,718,198	\$1,030,843	\$1,247,916
Unlined—			
Dozen pairs.....	417,201	213,370	337,181
Value.....	\$3,746,866	\$1,576,159	\$2,222,342
All other products.....	\$1,104,737	\$617,613	\$886,988

<sup>1</sup> In addition, in 1909, 36,944 dozen pairs of gloves, mittens, and gauntlets, to the value of \$264,961; in 1904, gloves, mittens, and gauntlets, to the value of \$166,164; and in 1899, gloves, mittens, and gauntlets, to the value of \$217,157, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Includes 24,004 dozen pairs of gauntlets, valued at \$150,652, not distributed by kinds.

The greater increase in value was due to the higher prices paid for hides and skins, and an increased production of the better grades of gloves.

The number of men's gloves manufactured largely outnumbered that of women's and children's at each census, but importations of kid gloves for women probably greatly reduce the demand for American makes. The number of men's gloves increased during the decade 14.1 per cent, and the number of women's and children's 29.5 per cent.

#### CHEMICALS AND ALLIED PRODUCTS.

The industries in this group comprise those which produce chemicals as products or which employ to a large extent chemical processes in manufacture. The grouping is necessarily somewhat arbitrary. Separate tables present the statistics for each of the following industries:

Chemicals.	Oil, essential.
Coke.	Paint and varnish.
Dyestuffs and extracts.	Petroleum, refining.
Explosives.	Salt.
Fertilizers.	Soap.
Gas, illuminating and heating.	Sulphuric, nitric, and mixed acids.
Glucose and starch.	Turpentine and rosin.
Oil, cottonseed, and cake.	



**Chemicals.**—Table 66 presents the statistics for the general chemical industry as classified by the Bureau of the Census, but reference should be made to the groups and items specified in the table for information as to the products included under this head. It does not include products listed independently in the preceding paragraph, nor does it include the products of wood distillation or chemicals made by establishments engaged in the manufacture of pharmaceutical preparations.

The value of all products of the "chemical" industry, including the same commodities made by establishments engaged primarily in the manufacture of other products, was \$126,794,345 in 1909 and \$78,285,646 in 1904. The products of establishments classified as chemical factories proper were valued at \$117,688,887 in 1909 and \$48,039,595 in 1899, an increase for the decade of \$69,649,292, or 145 per cent. Some of the groups show very large gains, notably products made with the aid of electricity, many of which can not be shown separately without disclosing individual operations. The value of these products increased from \$1,305,368 in 1899 to \$17,968,277 in 1909 and the value of the output of sodas, the leading group of products in this respect, increased from \$11,596,915 to \$21,417,982.

The value of the sulphuric, nitric, and mixed acid product, shown in Table 80, should be added to the value of the acids given in the following table in order to ascertain the total production of the principal acids. Including these acids, the value of the acid product (not including acids consumed by establishments making the same or those produced as by-products of other industries) was \$19,493,663 in 1909, \$14,538,137 in 1904, and \$9,371,615 in 1899, the increase for the decade being 108 per cent. The *ton of 2,000 pounds* is used in showing quantities.

Table 66	PRODUCT.	1909	1904	1899
	<b>Total value.....</b>	<b>\$117,688,887</b>	<b>\$75,222,249</b>	<b>\$48,039,595</b>
<b>Acids</b>				
Acetic—				
Tons.....	\$11,926,389	\$7,583,059	\$3,161,743	
Value.....				
Pounds.....	51,963,788	27,001,322	24,945,558	
Value.....	\$1,136,134	\$537,542	\$396,323	
Boric—				
Tons.....	5,554,414	6,956,896	2,684,935	
Value.....	\$295,739	\$527,190	\$198,212	
Citric—				
Tons.....	2,102,206	2,265,631	( <sup>1</sup> )	
Value.....	\$777,200	\$598,718	( <sup>1</sup> )	
Hydrofluoric—				
Tons.....	4,790,963	2,932,358	698,000	
Value.....	\$214,657	\$151,218	\$34,890	
Muriatic—				
Tons.....	128,394,736	127,502,682	116,675,109	
Value.....	\$1,171,082	\$1,180,910	\$1,015,915	
Oleic—				
Tons.....	13,337,717	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$680,015	( <sup>1</sup> )	( <sup>1</sup> )	
Phosphoric—				
Tons.....	25,702,606	991,050	( <sup>1</sup> )	
Value.....	\$505,791	\$68,541	( <sup>1</sup> )	
Other.....	\$7,145,771	\$4,518,940	\$1,516,403	
<b>Sodas</b>				
Soda ash—				
Tons.....	\$21,417,982	\$16,858,929	\$11,596,915	
Value.....				
Pounds.....	646,007	518,789	386,361	
Value.....	\$10,361,756	\$8,202,292	\$4,768,383	
Sal soda—				
Tons.....	76,285	56,870	63,231	
Value.....	\$977,712	\$792,248	\$779,166	
Bicarbonate of soda—				
Tons.....	82,800	68,867	68,185	
Value.....	\$1,515,031	\$1,135,610	\$1,324,843	
Caustic soda <sup>2</sup> —				
Tons.....	112,152	80,159	78,779	
Value.....	\$4,230,954	\$2,924,182	\$2,917,955	

Table 66— Contd.	PRODUCT.	1909	1904	1899
<b>Sodas—Continued.</b>				
Borax—				
Tons.....	20,154	20,882	5,637	
Value.....	\$1,766,910	\$2,122,808	\$502,480	
Other.....	\$2,565,619	\$1,681,789	\$1,304,088	
Potashes—				
Pounds.....	1,866,570	5,113,706	3,764,806	
Value.....	\$88,940	\$563,489	\$174,476	
Alums.....	\$2,578,842	\$2,126,612	\$2,013,607	
Alum cake—				
Pounds.....	26,884,880	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$273,711	( <sup>1</sup> )	( <sup>1</sup> )	
Potash alum—				
Pounds.....	7,939,702	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$128,623	( <sup>1</sup> )	( <sup>1</sup> )	
All other.....	\$2,176,508	( <sup>1</sup> )	( <sup>1</sup> )	
Coal-tar products.....	\$2,675,327	\$844,817	\$1,322,094	
Coal-tar distillery products.....	\$2,462,330	\$340,641	\$809,830	
Chemicals made from coal-tar distillery products.....	\$212,997	\$504,176	\$512,264	
Cyanides.....	\$1,941,893	\$1,179,104	\$1,584,923	
Yellow prussiate of potash—				
Pounds.....	3,510,208	5,027,264	6,140,406	
Value.....	\$463,583	\$683,277	\$993,514	
All other.....	\$1,477,910	\$495,827	\$591,409	
Bleaching materials.....	\$1,635,046	\$777,750	\$492,086	
Hydrogen peroxide—				
Pounds.....	9,403,717	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$850,417	( <sup>1</sup> )	( <sup>1</sup> )	
Bisulphites—				
Tons.....	14,528	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$202,504	( <sup>1</sup> )	( <sup>1</sup> )	
All other.....	\$582,125	\$777,750	\$492,086	
Chemical substances produced by the aid of electricity.....	\$17,968,277	\$5,896,632	\$1,305,368	
Calcium carbide—				
Pounds.....	121,946,967	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$2,984,001	( <sup>1</sup> )	( <sup>1</sup> )	
Caustic soda—				
Tons.....	19,428	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$1,032,647	( <sup>1</sup> )	( <sup>1</sup> )	
Chlorates—				
Pounds.....	11,568,915	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$904,525	( <sup>1</sup> )	( <sup>1</sup> )	
Hypochlorites—				
Tons.....	68,016	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$1,506,831	( <sup>1</sup> )	( <sup>1</sup> )	
All other.....	\$11,540,273	\$5,896,632	( <sup>1</sup> )	
Plastics.....	\$7,180,172	\$4,755,761	\$2,099,400	
Pyroxylin plastics.....	\$5,389,819	\$2,837,093	\$1,970,387	
All other—				
Pounds.....	10,234,928	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$1,790,353	\$1,898,668	\$129,013	
Compressed or liquefied gases.....	\$4,969,805	\$2,787,689	\$1,215,011	
Anhydrous ammonia—				
Pounds.....	11,802,076	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$2,503,315	\$1,173,184	\$448,157	
Carbon dioxide—				
Pounds.....	47,238,267	25,991,627	( <sup>1</sup> )	
Value.....	\$2,317,808	\$1,343,966	\$696,164	
Laughing gas—				
Pounds.....	72,675	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$33,639	( <sup>1</sup> )	( <sup>1</sup> )	
Oxygen—				
Gallons.....	4,777,977	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$98,150	( <sup>1</sup> )	( <sup>1</sup> )	
All other—				
Pounds.....	364,014	( <sup>1</sup> )	( <sup>1</sup> )	
Value.....	\$16,843	\$270,530	\$70,698	
Fine chemicals.....	\$10,956,666	\$9,145,853	\$4,220,339	
Alkaloids—				
Ounces.....	3,482,492	4,949,525	3,387,522	
Value.....	\$3,188,691	\$2,925,789	\$1,743,524	
Gold salts—				
Ounces.....	42,544	59,969	8,594	
Value.....	\$430,944	\$449,864	\$90,145	
Silver salts—				
Ounces.....	2,027,719	1,743,882	1,252,604	
Value.....	\$726,222	\$683,761	\$499,345	
Platinum salts—				
Ounces.....	1,561	19,068	7,312	
Value.....	\$19,123	\$175,682	\$54,600	
Chloroform—				
Pounds.....	1,861,435	616,670	396,540	
Value.....	\$472,750	\$165,604	\$98,070	
Ether—				
Pounds.....	1,177,886	660,783	263,238	
Value.....	\$199,448	\$334,935	\$129,876	
Acetone—				
Pounds.....	6,927,886	1,300,395	1,638,715	
Value.....	\$719,895	\$161,320	\$178,666	
All other.....	\$5,199,584	\$4,248,898	\$1,426,373	
Chemicals not elsewhere specified:				
Glycerin—				
Pounds.....	33,986,974	18,791,997	15,383,798	
Value.....	\$4,838,826	\$2,345,205	\$2,012,886	
Epsom salts—				
Pounds.....	47,785,318	15,935,837	6,072,309	
Value.....	\$357,728	\$145,801	\$45,966	
Blue vitriol—				
Pounds.....	810,958	50,100	7,509,000	
Value.....	\$37,626	\$2,500	\$375,000	

For footnotes, see page 496.



Table 66— Contd.	PRODUCT.	1909	1904	1899
Chemicals not elsewhere specified— Continued.				
Copperas—				
Pounds.....		24,199,526	8,815,059	14,097,905
Value.....		\$71,081	\$28,061	\$58,581
Phosphates of soda—				
Pounds.....		35,178,354	12,018,815	3,478,350
Value.....		\$634,292	\$243,822	\$104,554
Tin salts—				
Pounds.....		12,992,233	9,573,719	4,677,471
Value.....		\$1,194,546	\$904,679	\$470,159
Zinc salts—				
Pounds.....		43,204,652	( <sup>1</sup> )	( <sup>1</sup> )
Value.....		\$1,477,486	( <sup>1</sup> )	( <sup>1</sup> )
Other chemicals.....				
		\$21,207,939	\$13,289,416	\$15,786,497
By-products and residues sold to other industries.....				
		\$4,530,024	\$5,743,070	

<sup>1</sup> In addition, products to the value of \$9,105,458 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, including the following:

	Pounds.	Value.		Pounds.	Value.
Acids:					
Acetic.....	4,959,985	\$200,740	Pyroxylin plastics.....		\$282,560
Hydrofluoric.....	2,051,951	79,722	Compressed or liq- uified gases:		
Muriatic.....	74,805,743	587,253	Anhydrous am- monia.....	167,710	40,923
Oleic.....	2,959,346	165,091	Carbon dioxide.....	454,354	19,262
Stearic.....	5,094,774	399,386	Laughing gas.....	24,500	4,900
Other.....	49,530		Oxygen.....gals.	23,826,325	79,319
Sodas:					
Sal soda.....tons.	10,822	184,297	Other.....		9,072
Other.....tons.	75,902	1,835,292	Chloroform.....	8,250	4,779
Potashes.....	14,293,552	525,054	Acetone.....	2,007,560	210,287
Alums.....	49,450,260	443,513	Glycerin.....	1,022,920	123,472
Coal-tar distillery products.....		1,610,792	Blue vitriol.....	37,185,585	1,496,645
Bleaching materials:			Copperas.....	3,031,566	53,372
Hydrogen per- oxide.....	521,851	20,124	Phosphates of soda.....	310,588	27,034
Bisulphite.....	3,062,000	23,650	Zinc salts.....	4,312,988	103,503
Other.....		20,703	Other chemicals.....		505,183

<sup>a</sup> Not including acids reported by manufacturers of explosives and fertilizers.  
<sup>b</sup> Including sodas reported by manufacturers of paints and varnishes and fertilizers.

<sup>c</sup> Not including 4,871,014 pounds, value \$448,455, reported by manufacturers of coke.

<sup>d</sup> Not including 52,518,919 pounds, value \$6,790,264, reported by manufacturers of soap.

<sup>2</sup> In addition, products to the value of \$3,063,397 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, including the following:

	Pounds.	Value.		Pounds.	Value.
Acids:					
Muriatic.....	47,018,080	\$431,938	Bleaching materials:		
Stearic.....	1,750,000	140,000	Bisulphite.....tons.	536	\$11,937
Hydrofluoric.....	1,217,578	71,668	Glycerin.....	520,000	53,000
Other.....		146,716	Ether.....	193,628	92,466
Sodas:					
Sal soda.....tons.	1,763	29,561	Epsom salts.....	1,350,000	13,500
Caustic.....tons.	14	668	Blue vitriol.....	107,160	5,994
Other.....tons.	14,200	363,765	Copperas.....	81,816	5,586
Alums.....	33,074,349	532,185	Tin salts.....	1,103,222	188,301
Coal-tar distillery products.....		238,645	Other chemicals.....		742,467

<sup>2</sup> See Table 80 for sulphuric, nitric, and mixed acids.

<sup>3</sup> Not reported separately.

<sup>4</sup> See chemical substances produced by the aid of electricity for additional product.

<sup>5</sup> Not reported.

**Coke.**—Table 67, which presents the statistics for the manufacture of coke, does not include those for gas-house coke, which are shown in Table 71. The total production of coke, including gas-house coke sold and that made and consumed in gas manufacture, was 41,947,949 tons in 1909 as compared with 27,857,441 tons in 1904, an increase of 50.6 per cent. The gas-house coke included in these figures formed 6.3 per cent of the total product in 1909 and 9.9 per cent in 1904.

The value of all products of the coke industry proper was \$98,078,383 in 1909, \$51,728,647 in 1904, and \$35,585,445 in 1899, an increase for the decade of 175.6 per cent. A marked feature of the industry is the increasing use of retort ovens. Although the

retort coke product was not reported separately in 1899, the by-products of this branch of the industry were given and aggregated \$952,027 in value. In 1909 the value of the retort by-products was \$8,112,900. The value of the coke and by-products made by retort ovens constituted 29.1 per cent of the total value of all products of the industry in 1909. Of the total value of the products made by retort ovens, two-fifths is contributed by the by-products. The ton of 2,000 pounds is used in showing quantities.

Table 67	1909	1904	1899
MATERIALS.			
Total cost.....	\$65,388,124	\$29,884,532	\$19,665,532
Coal charged into ovens:			
Tons.....	159,354,937	36,781,006	30,157,829
Run of mine—			
Unwashed.....	40,594,842	24,872,731	20,844,637
Washed.....	6,007,760	2,649,251	1,457,961
Slack—			
Unwashed.....	6,926,484	4,414,326	5,036,675
Washed.....	5,825,851	4,844,098	2,818,556
Cost.....	\$62,203,382	\$28,360,121	\$18,355,252
All other materials.....	\$3,184,742	\$1,524,411	\$1,310,280
PRODUCTS.			
Total value.....	\$98,078,383	\$51,728,647	\$35,585,445
Coke: <sup>1</sup>			
Tons.....	39,315,065	24,733,063	19,640,798
Value.....	\$89,965,483	\$49,002,051	\$34,633,418
Made in beehive ovens—			
Tons.....	33,060,421	22,516,280	( <sup>2</sup> )
Value.....	\$69,530,794	\$42,885,773	( <sup>2</sup> )
Made in retort or by-product ovens—			
Tons.....	6,254,644	2,216,783	( <sup>2</sup> )
Value.....	\$30,434,689	\$6,116,278	( <sup>2</sup> )
By-products obtained from retort or by-product ovens—			
Gas made, cubic feet (thousands) ..	76,590,763	18,761,101	( <sup>2</sup> )
Used in process or wasted, cubic feet (thousands) ..	60,799,543	14,878,301	( <sup>2</sup> )
Sold.....			
Cubic feet (thousands).....	15,791,220	3,882,800	1,171,943
Value.....	\$2,609,211	\$684,464	\$225,022
Tar—			
Gallons.....	60,126,006	23,074,225	10,468,733
Value.....	\$1,408,611	\$551,836	\$207,952
Ammonia, sulphate or reduced to equivalent in sulphate—			
Pounds.....	123,111,197	26,050,713	11,984,931
Value.....	\$3,227,316	\$681,427	\$330,921
Anhydrous ammonia—			
Pounds.....	4,871,014	( <sup>3</sup> )	( <sup>3</sup> )
Value.....	\$448,455	( <sup>3</sup> )	( <sup>3</sup> )
Ammonia liquor—			
Gallons.....	( <sup>4</sup> )	4,339,679	1,572,325
Value.....	( <sup>4</sup> )	\$697,644	\$180,642
All other.....	\$419,307	\$111,225	\$7,490
EQUIPMENT.			
Ovens, number in existence at end of year.....			
Building at end of year.....	103,982	76,099	47,142
Abandoned during the year.....	2,950	2,127	( <sup>5</sup> )
	201	178	( <sup>5</sup> )

<sup>1</sup> Includes coal and coking products produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, viz: Coal used, unwashed, 566,539 tons, cost, \$1,363,597; products valued at \$2,381,761, comprising retort coke, 415,472 tons, valued at \$1,464,162; tar, 4,398,576 gallons, valued at \$87,639; ammonium sulphate, 9,952,744 pounds, valued at \$235,605; gas sold, 2,160,915 thousand cubic feet, valued at \$534,075; and other products, \$60,280.

<sup>2</sup> In addition, 410,225 tons of coke, valued at \$1,302,572, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> The statement for coke made in gas establishments will be found in detail under the classification "Gas, illuminating and heating."

<sup>4</sup> Not reported.

<sup>5</sup> Reported in part as anhydrous ammonia and in part as ammonium sulphate or reduced equivalents.

**Dyestuffs and extracts.**—The statistics for dyestuffs and extracts given in Table 68 cover the products of establishments manufacturing the same for sale, and do not include those made by dye and print works or tanneries and consumed by the same in further processes of manufacture.

The total value of products was \$15,954,574 in 1909 and \$7,350,748 in 1899, an increase of 117 per cent. The chief products were oak and chestnut extract,



which together increased almost ninefold in quantity and even more in value during the decade. Artificial dyestuffs nearly doubled in quantity and in value, but the production of natural dyestuffs (included under "All other products") has fallen off greatly, the value of the product being \$1,035,711 in 1899 and only \$233,935 in 1904. It was materially less in 1909, but can not be shown separately without disclosing individual operations. The census report on Forest Products for 1909 gives 386,817,895 pounds as the total consumption of tanning extracts in that year, which quantity exceeds the quantity of oak, chestnut, hemlock, and sumac extracts here reported by over 83,000,000 pounds. This difference can be taken as representing approximately the amount of tanning extract imported or made and consumed in tanning establishments.

Table 68	PRODUCT.	1909	1904	1899
Total value.....		\$15,954,574	\$10,893,113	\$7,350,748
Artificial dyestuffs:				
Pounds.....		12,267,399	4,600,462	6,581,850
Value.....		\$3,462,436	\$1,764,454	\$1,806,730
Extracts:				
Hemlock—				
Pounds.....		12,588,078	18,833,450	26,011,714
Value.....		\$280,487	\$406,619	\$563,591
Logwood—				
Pounds.....		22,317,248	29,799,606	39,232,743
Value.....		\$991,974	\$1,472,047	\$1,485,971
Oak and chestnut—				
Pounds.....		287,908,285	156,520,123	28,983,036
Value.....		\$6,061,162	\$2,411,184	\$329,670
Sumac—				
Pounds.....		3,148,790	4,063,619	4,349,742
Value.....		\$107,456	\$95,958	\$103,085
Ground sumac:				
Pounds.....		554,032	5,061,333	9,284,000
Value.....		\$24,531	\$65,190	\$114,660
Ground bark:				
Pounds.....		25,142,076	38,001,017	27,028,000
Value.....		\$176,510	\$249,101	\$149,365
Ground and chipped wood:				
Pounds.....		15,046,954	9,999,906	12,690,037
Value.....		\$143,720	\$95,237	\$201,931
Gums and dextrins:				
Pounds.....		16,148,931	6,651,731	(?)
Value.....		\$610,999	\$231,708	(?)
Iron liquors:				
Pounds.....		3,079,418	1,860,744	954,240
Value.....		\$30,282	\$30,757	\$7,525
Mordants:				
Pounds.....		1,735,887	733,245	734,000
Value.....		\$69,515	\$64,656	\$85,466
Sizes:				
Pounds.....		54,054,711	7,812,433	101,920
Value.....		\$1,735,600	\$217,859	\$2,548
Tannic acid:				
Pounds.....		5,085,748	5,165,500	1,326,515
Value.....		\$249,297	\$200,136	\$149,662
Turkey-red oil:				
Pounds.....		1,048,719	3,022,470	2,210,000
Value.....		\$72,053	\$159,666	\$14,757
Other tanning liquors:				
Pounds.....		9,285,048	44,418,929	16,144,292
Value.....		\$365,304	\$1,704,243	\$405,659
All other products <sup>1</sup> .....		\$1,573,248	\$1,724,298	\$1,730,128

<sup>1</sup> In addition, dyestuffs and extracts, to the value of \$834,102, in 1909 and \$19,111 in 1904, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

<sup>3</sup> Including a small production of natural dyestuffs in 1909, a production in 1904 valued at \$233,935, and a production in 1899 valued at \$1,035,711.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Ground and chipped wood.....pounds..	936,578,482	524,505,744
Ground bark.....pounds..	293,062,168	40,390,640
Ground leaves.....pounds..	1,955,040	3,586,171

**Explosives.**—Table 69 presents the statistics for the explosives industry. The value of all products was \$40,139,661 in 1909 as compared with \$17,125,418 in 1899, an increase of 134.4 per cent.

The production of explosives in the industry proper was 487,481,252 pounds in 1909, 360,980,734 pounds in 1904, and 215,980,719 pounds in 1899, an increase for the decade of 125.7 per cent. If the explosives made by establishments operated by the Federal Government and by establishments engaged primarily in the manufacture of other products be added, the total production in 1909 was 489,171,650 pounds. The output of dynamite formed about two-fifths of the total output of explosives, and its value approximately one-half of the total value of explosives reported. The most important product in respect to quantity of output was blasting powder, including "permissible explosives." Permissible explosives, known in Pennsylvania as safety explosives, were reported separately for the first time in 1909. They are specially designed for use in dusty and gaseous coal mines. The ton of 2,000 pounds is used in showing quantities.

Table 69	1909	1904	1899
MATERIALS.			
Total cost.....	\$22,811,548	\$17,203,667	\$10,334,974
Nitrate of soda:			
Tons.....	188,889	133,034	88,524
Cost.....	\$7,892,336	\$5,608,557	\$2,902,866
Acids:			
Mixed—			
Pounds.....	51,764,094	105,532,404	66,906,146
Cost.....	\$1,512,626	\$3,093,429	\$1,505,754
Nitric—			
Pounds.....	7,591,756	2,609,500	467,587
Cost.....	\$541,314	\$122,047	\$17,171
Sulphuric—			
Tons.....	22,501	18,298	7,864
Cost.....	\$406,204	\$247,301	\$130,699
Sulphur or brimstone:			
Tons.....	17,389	19,574	12,742
Cost.....	\$367,866	\$507,469	\$317,383
All other materials.....	\$12,091,202	\$7,624,864	\$5,461,101
PRODUCTS.			
Total value.....	\$40,139,661	\$29,602,884	\$17,125,418
Dynamite:			
Pounds.....	195,155,851	130,920,829	85,846,456
Value.....	\$18,699,746	\$12,900,193	\$8,247,223
Nitroglycerin, sold as such:			
Pounds.....	28,913,253	7,935,936	3,618,692
Value.....	\$3,162,434	\$1,620,117	\$783,299
Blasting powder:			
Kegs (25 pounds).....	9,339,087	8,217,448	3,907,012
Value.....	\$9,608,265	\$7,377,977	\$3,857,974
Permissible explosives:			
Pounds.....	9,607,448	(?)	(?)
Value.....	\$863,209	(?)	(?)
Gunpowder:			
Pounds.....	12,862,700	10,383,944	25,638,804
Value.....	\$1,736,427	\$1,541,483	\$1,432,377
Other explosives: <sup>4</sup>			
Pounds.....	7,464,825	6,303,825	3,201,468
Value.....	\$3,913,787	\$4,256,193	\$2,610,103
All other products.....	\$2,155,793	\$1,906,921	\$174,442

<sup>1</sup> In addition, 1,471,042 pounds, to the value of \$656,969, were made by Federal establishments, and 219,356 pounds, to the value of \$135,979, by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> In addition, 1,105,082 pounds, to the value of \$567,804, were made by Federal establishments and by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> Not reported separately.

<sup>4</sup> Includes smokeless powder and gun-cotton or pyroxylin, to avoid disclosing operations of individual establishments.

NOTE.—The following products were made and consumed in the establishments where produced:

	1909	1904
Salt-peter.....pounds..	12,050,225	3,559,376
Nitroglycerin.....pounds..	70,289,667	44,077,828
Sulphuric acid.....tons..	42,555	30,994
Nitric acid.....tons..	31,484	18,988
Charcoal.....bushels..	737,884	1,156,918
Cellulose nitrates.....pounds..	5,006,226	.....
Nitrate of ammonia.....pounds..	10,904,319	2,863,857



**Fertilizers.**—The following table giving statistics for the fertilizer industry does not include the product of establishments engaged primarily in the manufacture of products other than fertilizers, chief of which are slaughtering and meat-packing establishments and cottonseed-oil mills. The value of all products of the industry proper, which includes some that are not fertilizers, was \$103,960,213 in 1909, as compared with \$44,657,385 in 1899, an increase of 132.8 per cent. Including the fertilizer by-products of other indus-

tries, the total production of fertilizers in 1909 was 5,618,234 tons, valued at \$100,089,971. During the period 1899–1909 the tonnage of the fertilizer products of the establishments engaged primarily in the manufacture of fertilizers increased 87.5 per cent. Some of the materials, such as sulphuric acid, are the products of establishments engaged in this industry, and therefore are duplicated in the total value of products. The *ton of 2,000 pounds* is used in showing quantities.

Table 70	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS.</b>			
Total cost.....	\$69,521,920	\$39,287,914	\$28,958,473	Total value.....	\$103,960,213	\$56,541,253	\$44,657,385
Ammoniates:				Fertilizers:			
Tons.....	778,639			Tons.....	5,240,164	3,267,777	2,794,705
Cost.....	\$16,065,978	\$9,915,648	\$9,934,145	Value.....	\$92,369,631	\$50,460,694	\$40,545,661
Ammonium sulphate:				Superphosphates from minerals,			
Tons.....	63,381	10,540	4,120	bones, etc.—			
Cost.....	\$3,640,592	\$600,856	\$186,609	Tons.....	1,201,354	766,338	923,198
Kainit:				Value.....	\$13,318,529	\$7,515,257	\$8,471,943
Tons.....	322,720	190,493	54,700	Ammoniated—			
Cost.....	\$2,783,658	\$1,891,073	\$520,833	Tons.....	472,757	775,987	142,896
Nitrate of soda:				Value.....	\$10,061,193	\$12,901,057	\$2,449,388
Tons.....	85,714	42,213	19,518	Concentrated phosphate—			
Cost.....	\$3,730,070	\$1,760,432	\$709,841	Tons.....	313,888	(?)	(?)
Phosphate rock:				Value.....	\$3,638,210	(?)	(?)
Tons.....	1,529,124	888,571	787,927	Complete—			
Cost.....	\$8,621,094	\$4,244,554	\$3,554,174	Tons.....	2,717,797	1,329,149	1,436,682
Potash salts:				Value.....	\$57,243,899	\$25,673,511	\$25,446,046
Tons.....	257,766	122,107	(?)	Other—			
Cost.....	\$7,327,549	\$3,606,701	\$3,068,400	Tons.....	534,368	394,703	291,927
Pyrites:				Value.....	\$8,107,800	\$4,370,869	\$4,178,284
Tons.....	456,574	342,962	288,778	Sulphuric acid (reduced to 50° Baumé):			
Cost.....	\$2,831,994	\$2,020,759	\$1,466,285	Tons.....	153,057	24,502	71,176
Sulphuric acid:				Value.....	\$923,492	\$194,578	\$437,925
Tons.....	603,672	197,865	231,537	Other acids—			
Cost.....	\$3,312,687	\$1,084,304	\$1,355,382	Tons.....	30,651	45,680	(?)
Sulphur or brimstone:				Value.....	\$611,288	\$241,506	\$17,872
Tons.....	4,236	4,210	12,728	All other products.....	\$10,055,802	\$5,644,475	\$3,655,927
Cost.....	\$68,924	\$92,234	\$268,670				
Superphosphates:							
Tons.....	415,656	320,559	286,898				
Cost.....	\$3,946,440	\$2,912,010	\$2,176,245				
Fish.....	\$3,031,437	\$847,142	\$183,542				
All other materials.....	\$14,161,497	\$10,312,201	\$5,504,347				

<sup>1</sup> Includes for 1904, 125,888 tons of ammoniates classified as such, valued at \$2,445,651; cottonseed meal, valued at \$2,376,448; and bones, tankage, and offal, valued at \$5,094,149; and for 1899, cottonseed meal, valued at \$167,410; and bones, tankage, and offal, valued at \$9,766,735.

<sup>2</sup> Not reported.

<sup>3</sup> In addition, in 1909, 231,287 tons of complete fertilizer, valued at \$4,806,832; 49,632 tons of ammoniated fertilizer, valued at \$943,197; 22,615 tons of superphosphates, valued at \$426,302; 63,581 tons of "other" fertilizer, valued at \$1,365,931; 10,955 tons of concentrated phosphate, valued at \$178,078; and other products to the value of \$190,928; and in 1904, fertilizers, to the value of \$6,467,340, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Acid phosphate.....tons..	1,838,865	884,211
Sulphuric acid.....tons..	841,935	692,904

**Gas, illuminating and heating.**—The statistics for the gas industry presented in Table 71 include only those establishments which made gas as their main product. The total production of gas made for sale by such establishments and by retort coke ovens combined—but not including the by-products of establishments outside these two industries—was in 1909, 166,627,013 thousand cubic feet, valued at \$141,224,520; in 1904, 116,432,779 thousand cubic feet, valued at \$113,347,032; and in 1899, 68,265,496 thousand cubic feet, valued at \$69,657,604. The increase in quantity for the period 1899–1909 was thus 144.1 per cent, and that in value 102.7 per cent. In addition to the product above reported for 1909, 1,730,563 thousand cubic feet were made and con-

sumed in gas plants and 60,799,543 thousand cubic feet were made and consumed or wasted by retort coking establishments. There is also a large consumption of producer gas and blast-furnace gas by establishments in other industries which produced the gas themselves.

The value of products of the illuminating-gas industry proper aggregated \$166,814,371 in 1909 as compared with \$75,716,693 in 1899, an increase of 120.3 per cent. Only about four-fifths of this value represents that of the gas itself. The industry shows a progressive decrease from census to census in unit values for all kinds of gas with the exception of acetylene gas. The *ton of 2,000 pounds* is used for showing quantities.



Table 71

	1909	1904	1899
<b>MATERIALS.</b>			
<b>Total cost</b> .....	\$52,427,844	\$37,180,068	\$30,605,356
Coal:			
Tons.....	4,940,598	4,431,774	2,487,287
Cost.....	\$16,304,832	\$14,607,485	\$7,164,472
Oil:			
Gallons.....	579,657,152	410,989,564	194,857,296
Cost.....	\$17,345,750	\$15,015,602	\$8,168,657
Coke:			
Tons.....	591,919	435,534	217,354
Cost.....	\$2,667,706	\$1,602,762	\$726,736
All other materials.....	\$16,109,556	\$5,954,217	\$4,545,491
<b>PRODUCTS.</b>			
<b>Total value</b> .....	\$166,814,371	\$125,144,945	\$75,716,693
Gas: <sup>1</sup>			
Cubic feet (thousands).....	150,835,793	112,549,979	67,093,553
Value.....	\$138,615,309	\$112,662,568	\$69,432,582
Straight coal—			
Cubic feet (thousands).....	19,985,253	12,093,034	( <sup>2</sup> )
Value.....	\$18,065,841	\$12,898,604	( <sup>2</sup> )
Straight water—			
Cubic feet (thousands).....	1,726,082	715,550	( <sup>2</sup> )
Value.....	\$1,289,031	\$832,440	( <sup>2</sup> )
Carburetted water—			
Cubic feet (thousands).....	79,418,486	54,687,418	( <sup>2</sup> )
Value.....	\$69,513,749	\$48,071,180	( <sup>2</sup> )
Mixed coal and water—			
Cubic feet (thousands).....	40,775,283	40,980,414	( <sup>2</sup> )
Value.....	\$36,953,543	\$45,605,263	( <sup>2</sup> )
Oil—			
Cubic feet (thousands).....	8,688,860	3,441,352	( <sup>2</sup> )
Value.....	\$12,111,458	\$5,141,460	( <sup>2</sup> )
Acetylene—			
Cubic feet (thousands).....	25,186	7,881	( <sup>2</sup> )
Value.....	\$361,348	\$104,267	( <sup>2</sup> )
All other—			
Cubic feet (thousands).....	216,643	24,330	( <sup>2</sup> )
Value.....	\$320,339	\$39,354	( <sup>2</sup> )
Coke:			
Bushels.....	82,049,683	89,146,434	
Value.....	\$5,723,215	\$5,195,461	
Tar:			
Gallons.....	78,339,880	67,515,421	\$4,283,204
Value.....	\$1,875,549	\$2,064,343	
All other products.....	\$13,556,908	\$972,992	
Receipts from rents and sales of lamps and appliances.....	\$7,043,390	\$4,249,581	\$2,000,907

<sup>1</sup> Does not include \$4,013,885 paid for lamps and appliances.

<sup>2</sup> In addition, products of gas manufacture to the value of \$261,802 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The items covered by these products were 27,568 (thousands) cubic feet of coal gas, valued at \$29,419; 13,070 (thousands) cubic feet of acetylene gas, valued at \$224,618; 44,347 bushels of coke, valued at \$3,599; 38,370 gallons of tar, valued at \$1,372; and receipts from sale of lamps and appliances to the amount of \$2,994.

<sup>3</sup> Statistics of the gas made in coke establishments are shown in detail under the classification "Coke."

<sup>4</sup> Not reported separately.

<sup>5</sup> In addition, there were 13,813,658 gallons for which no value was reported.

<sup>6</sup> Includes 49,720,220 gallons of ammonia liquor, valued at \$725,702, and 1,154,319 pounds of hydrocarbons, valued at \$44,509.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Coke..... bushels.....	49,550,153	46,561,183
Tar..... gallons.....	31,590,178	14,772,878
Gas, cubic feet..... thousands.....	1,730,563	1,363,757
Benzene or benzol..... gallons.....	302,994	

**Glucose and starch.**—Statistics are presented in Table 72 for the glucose and starch industry for the years 1909 and 1904.

Corn is the principal material used. The value of all products of the industry was \$48,799,311 in 1909 and \$32,649,836 in 1904, the increase for the five-year period being 49.5 per cent. The starch product (gross, including duplication), increased in quantity 89.9 per cent and in value 60.3 per cent, the entire gain being in cornstarch. The percentages of increase in the value of glucose, grape sugar, and corn oil are large, notably that for corn oil. In 1899 the production of starch (in part estimated) was 543,040,000 pounds, greatly exceeding the figures for 1904. The decrease in production from 1899 to 1904 was due in

large measure to the decrease in the export trade of this commodity.

Some establishments included in the industry are engaged primarily in reprocessing starch, resulting in a duplication of products. In 1909 105,299,010 pounds of cornstarch were used as material by such factories, 104,597,648 pounds of cornstarch being obtained as products. The deduction of this duplication from the total gives the quantity of marketable cornstarch produced in 1909 as 534,227,718 pounds.

Table 72

	1909	1904
<b>MATERIALS.</b>		
<b>Total cost</b> .....	\$36,898,771	\$25,518,876
Corn:		
Pounds.....	2,240,508,915	( <sup>1</sup> )
Cost.....	\$26,674,779	\$19,074,728
Wheat and roots:		
Pounds.....	1,940,000	( <sup>2</sup> )
Cost.....	\$21,435	( <sup>2</sup> )
Potatoes:		
Pounds.....	210,608,127	209,372,549
Cost.....	\$541,359	\$563,651
Cornstarch:		
Pounds.....	105,299,010	( <sup>3</sup> )
Cost.....	\$1,763,173	( <sup>3</sup> )
Wheat flour:		
Pounds.....	19,545,324	( <sup>4</sup> )
Cost.....	\$482,263	( <sup>4</sup> )
All other materials.....	\$7,415,762	\$5,880,497
<b>PRODUCTS.</b>		
<b>Total value</b> .....	\$48,799,311	\$32,649,836
Starch:		
Pounds.....	677,535,647	356,695,335
Value.....	\$17,514,823	\$10,927,538
Corn—		
Pounds.....	638,825,366	311,140,814
Value.....	\$15,962,916	\$8,878,450
Wheat and root—		
Pounds.....	13,836,860	17,845,121
Value.....	\$728,888	\$1,124,612
Potato—		
Pounds.....	24,873,415	27,709,400
Value.....	\$823,019	\$924,476
Glucose, including all sirups:		
Pounds.....	769,660,210	( <sup>5</sup> )
Value.....	\$17,922,514	\$12,352,616
Grape sugar:		
Pounds.....	159,060,478	( <sup>6</sup> )
Value.....	\$3,620,816	\$2,254,745
Corn oil:		
Gallons.....	8,164,175	( <sup>7</sup> )
Value.....	\$2,802,768	\$1,164,466
Stock food.....	\$6,013,968	\$4,446,470
All other products.....	\$924,422	\$1,503,992

<sup>1</sup> Not reported.

<sup>2</sup> Not reported separately.

<sup>3</sup> In addition, 1,309,691 pounds of cornstarch, valued at \$48,039, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

**Cottonseed, oil and cake.**—The following table presents the statistics for cottonseed products:

	1909 <sup>1</sup>	1904 <sup>2</sup>	1899
<b>Cotton seed crushed</b> .....tons..	3,798,549	3,308,930	2,479,886
<b>PRODUCTS.</b>			
<b>Total value</b> .....	\$147,867,894	\$96,407,621	\$58,726,632
Primary products manufactured, whether for sale or for further use:			
Oil.....gallons.....	157,115,689	132,651,801	93,325,729
Meal and cake.....tons.....	1,661,734	1,343,977	884,391
Hulls.....tons.....	1,258,612	1,301,079	1,109,286
Linters.....pounds.....	174,620,099	116,707,298	57,272,053

<sup>1</sup> In addition, products to the value of \$2,017,705 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation; these establishments crushed 28,752 tons of seed and produced 1,212,852 gallons of crude oil, 12,811 tons of meal and cake, 8,926 tons of hulls, and 1,152,978 pounds of linters.

<sup>2</sup> In addition, establishments engaged primarily in the manufacture of products other than those covered by the industry designation crushed 36,440 tons of seed and produced 1,765,971 gallons of crude oil, 16,195 tons of meal and cake, 12,265 tons of hulls, and 1,085,671 pounds of linters.

The amount of seed crushed in mills engaged primarily in the industry increased from 2,479,386 tons in 1899 to 3,798,549 tons in 1909, or 53.2 per cent, while the value



of all products, including fertilizer, ice, feed, etc., where carried on in connection with the manufacture of cottonseed products, increased from \$58,726,632 to \$147,867,894, or 151.8 per cent. A marked feature of the industry is the progressive increase in quantity of oil, meal, and linters, and decrease in quantity of hulls per ton of seed crushed. The ton of 2,000 pounds is used for showing quantities.

**Oil, essential.**—The products of the essential-oil industry, given in the following table, increased in value from \$813,495 in 1899 to \$1,737,234 in 1909, or 113.6 per cent. The output of natural oils increased in value 58.2 per cent, and of witch-hazel over sevenfold.

Table 74	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$1,737,234</b>	<b>\$1,464,662</b>	<b>\$813,495</b>
	Natural oils.....	\$1,108,603	\$1,023,937	\$700,709
	Peppermint—			
	Pounds.....	305,781	130,022	202,550
	Value.....	\$519,079	\$470,037	\$188,559
	Black birch—		(?)	(?)
	Pounds.....	67,053	(?)	(?)
	Value.....	\$102,045	(?)	(?)
	Spearmint—			
	Pounds.....	33,400	(?)	(?)
	Value.....	\$83,283	(?)	(?)
	Wintergreen—			
	Pounds.....	22,281	4,737	2,166
	Value.....	\$68,983	\$15,579	\$3,638
	Other—			
	Pounds.....	(?)	327,908	638,024
	Value.....	\$335,213	\$538,321	\$508,512
	Witch-hazel:			
	Gallons.....	679,190	797,700	110,260
	Value.....	\$412,322	\$367,873	\$54,649
	All other products.....	\$216,309	\$72,852	\$58,137

<sup>1</sup> In addition, essential oils to the value of \$117,489 in 1909 and \$14,500 in 1904 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

<sup>3</sup> The products classified under this head include 49,327 pounds, valued at \$44,494; quantities not reported for the remainder.

**Paint and varnish.**—The inquiry at the present census in regard to specific materials used in the manufacture of paints and varnishes was confined to pig lead and alcohol, the comparative statistics for which, including establishments engaged primarily in the manufacture of products other than those covered by the industry designation, are as follows:

Table 75	MATERIAL.	1909	1904	1899
	<b>Pig lead:</b>			
	Tons (2,000 pounds).....	145,917	129,629	99,052
	Cost.....	\$12,014,859	\$11,214,961	\$8,585,688
	<b>Alcohol:</b>			
	Gallons.....	1,683,382	1,416,746	388,368
	Cost.....	\$920,086	\$928,946	\$461,417
	<b>Wood—</b>			
	Gallons.....	1,327,157	1,357,682	310,059
	Cost.....	\$693,362	\$790,243	\$285,510
	<b>Grain—</b>			
	Gallons.....	356,225	59,064	78,309
	Cost.....	\$226,724	\$138,703	\$175,907

The statistics for paint and varnish products are given in the following table, which does not include the pigments ground in establishments classified as engaged in the manufacture of kaolin and ground earths, the blacks made by establishments classified as engaged in the manufacture of bone, carbon, and lamp black, nor lead or zinc oxide made by lead and zinc smelters. During the period 1899 to 1909 the value of all products increased from \$69,562,235 to \$124,889,422, or 79.5 per cent. Paints in oil constitute

the most important group. The output of pigments, including white lead in oil, increased 141.9 per cent, and that of varnishes and japans 69 per cent in value.

Table 76	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$124,889,422</b>	<b>\$90,839,609</b>	<b>\$69,562,235</b>
	<b>Pigments</b> .....	<b>\$16,985,588</b>	<b>\$11,965,806</b>	<b>\$13,319,487</b>
	White lead, dry—			
	Pounds.....	85,234,414	62,395,868	116,102,316
	Value.....	\$3,921,803	\$2,877,109	\$4,211,181
	Oxides of lead—			
	Pounds.....	63,404,846	49,734,330	50,759,623
	Value.....	\$3,662,062	\$2,591,772	\$2,550,340
	Lampblack and other blacks—			
	Pounds.....	1,810,445	757,244	1,065,000
	Value.....	\$105,063	\$49,869	\$60,250
	Iron oxides and other earth colors—			
	Pounds.....	111,674,675	48,345,978	33,453,895
	Value.....	\$876,331	\$331,416	\$315,242
	Other dry colors—			
	Pounds.....	162,409,565	98,194,081	167,479,090
	Value.....	\$6,874,333	\$5,066,083	\$5,317,943
	Barytes—			
	Pounds.....	49,496,025	22,299,980	
	Value.....	\$268,757	\$134,174	
	Pulp colors, sold moist—			
	Pounds.....	28,435,722	25,351,515	20,060,935
	Value.....	\$1,277,239	\$915,383	\$861,531
	<b>Paints in oil</b> .....	<b>\$56,763,296</b>	<b>\$40,390,059</b>	
	White lead in oil—			
	Pounds.....	246,567,570	216,496,450	(?)
	Value.....	\$15,234,411	\$11,228,889	(?)
	Paste—			
	Pounds.....	162,356,330	131,940,464	306,410,398
	Value.....	\$11,279,459	\$8,713,183	\$17,601,459
	Already mixed for use—			
	Gallons.....	33,272,033	22,379,020	16,879,595
	Value.....	\$30,249,426	\$20,447,987	\$14,864,126
	<b>Varnishes and japans</b> .....	<b>\$31,262,535</b>	<b>\$22,871,486</b>	<b>\$18,502,219</b>
	Oleoresinous varnishes—			
	Gallons.....	18,476,523		
	Value.....	\$17,350,113		
	Damar and similar turpentine and benzine varnishes—			
	Gallons.....	3,481,231		
	Value.....	\$2,836,341		
	Spirit varnishes not turpentine—			
	Gallons.....	1,181,746	1,553,562	549,811
	Value.....	\$1,408,048	\$2,180,713	\$905,229
	Pyroxylin varnishes—			
	Gallons.....	1,880,141	148,320	160,127
	Value.....	\$2,351,425	\$162,163	\$178,826
	Dryers, japans and lacquers—			
	Gallons.....	9,474,939	(?)	(?)
	Value.....	\$5,094,973	\$3,346,355	\$3,084,610
	All other.....	\$2,221,635	\$1,479,258	(?)
	<b>Fillers</b> .....	<b>\$3,126,271</b>	<b>\$2,344,636</b>	<b>(?)</b>
	Liquid—			
	Gallons.....	1,159,569	1,051,148	(?)
	Value.....	\$823,063	\$785,617	(?)
	Paste—			
	Pounds.....	14,050,329		
	Value.....	\$887,948		
	Dry—			
	Pounds.....	50,983,472	68,761,174	(?)
	Value.....	\$265,728	\$1,559,019	(?)
	Putty—			
	Pounds.....	63,502,048		
	Value.....	\$1,119,532		
	<b>Water paints and kalsomine:</b>			
	Dry or in paste—			
	Pounds.....	47,465,265	27,932,447	(?)
	Value.....	\$1,917,038	\$924,807	(?)
	Already mixed for use—			
	Gallons.....	522,283	123,400	(?)
	Value.....	\$61,960	\$9,230	(?)
	<b>Linseed oil:</b>			
	Gallons.....	3,477,004	(?)	(?)
	Value.....	\$1,912,594	(?)	(?)
	<b>Bleached shellac:</b>			
	Pounds.....	3,014,195	(?)	(?)
	Value.....	\$578,650	(?)	(?)
	<b>All other products</b> .....	<b>\$12,281,481</b>	<b>\$12,333,585</b>	<b>\$5,274,944</b>

<sup>1</sup> In addition, paints and varnishes, to the value of \$2,583,397 in 1909 and \$1,221,338 in 1904, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Includes white lead in oil. <sup>3</sup> Not reported separately. <sup>4</sup> Not reported.

**NOTE.**—The following products were made and consumed in establishments where produced:

	1909	1904
White lead, dry..... pounds..	162,702,089	122,288,484
Lead oxides..... pounds..	4,526,425	13,589,147
Varnishes..... gallons..	4,407,312	1,202,674
Drying japans and dryers..... gallons..	3,090,756	988,979
Collodion and other cellulose nitrate solutions..... gallons..	20,600	1,576,442
Pyroxylin and other cellulose nitrates..... pounds..	24,750	12,000
Copperas..... pounds..	11,531,006	



**Petroleum refining.**—The products of the petroleum-refining industry, statistics for which are presented in the following table, aggregated \$236,997,659 in value in 1909 as compared with \$123,929,384 in 1899, the increase during the decade being 91.2 per cent. This conforms closely to the increase in the cost of crude petroleum used, which was 89.4 per cent. The crude petroleum used increased in quantity from 52,011,005 barrels of 42 gallons in 1899 to 120,775,439 barrels in 1909, or 132.2 per cent, and the refined-oil products aggregated 40,290,985 barrels of 50 gallons in 1899, 46,454,062 barrels in 1904, and 89,082,810 barrels in 1909, an increase for the decade of 136.2 per cent.

Table 77	1909	1904	1899
<b>Crude petroleum used:</b>			
Barrels (42 gallons).....	120,775,439	66,982,862	52,011,005
Cost.....	\$152,307,040	\$107,487,091	\$80,424,207
<b>PRODUCTS.<sup>1</sup></b>			
<b>Total value.....</b>	<b>\$236,997,659</b>	<b>\$175,005,320</b>	<b>\$123,929,384</b>
<b>Oils:</b>			
Illuminating—			
Barrels (50 gallons).....	33,495,798	27,135,094	25,171,289
Value.....	\$94,547,010	\$91,366,434	\$74,604,297
Fuel (including gas oils)—			
Barrels.....	34,034,577	7,209,428	6,005,224
Value.....	\$36,462,883	\$9,205,391	\$7,550,664
Lubricating—			
Barrels.....	10,745,885	6,298,251	3,408,918
Value.....	\$38,884,236	\$23,553,091	\$10,807,214
Naphtha and gasoline (including gas naphtha)—			
Barrels.....	10,806,550	5,811,289	5,615,554
Value.....	\$30,771,959	\$21,314,837	\$15,901,742
Paraffin wax—			
Barrels.....	946,830	794,068	774,924
Value.....	\$9,388,812	\$10,007,274	\$7,791,149
Oil asphaltum—			
Tons (2,000 pounds).....	233,328	( <sup>2</sup> )	( <sup>2</sup> )
Value.....	\$2,724,732	( <sup>2</sup> )	( <sup>2</sup> )
Residuum or tar—			
Barrels.....	1,787,008	3,187,921	596,615
Value.....	\$2,215,623	\$3,138,361	\$688,455
Greases (lubricating, etc.)—			
Barrels.....	138,302	202,439	572,140
Value.....	\$1,567,647	\$1,394,130	\$2,454,617
Coke and black naphtha—			
Value.....	\$507,695	\$149,653	\$176,281
Sidue acid—			
Tons (2,000 pounds).....	133,215	165,104	( <sup>2</sup> )
Value.....	\$402,295	\$400,480	( <sup>2</sup> )
All other products.....	\$10,524,747	\$14,475,669	\$3,684,965
<b>EQUIPMENT.</b>			
Stills, number.....	2,395	1,907	1,774
Heated by steam—			
Number.....	451	282	290
Capacity (barrels 42 gallons).....	424,564	( <sup>2</sup> )	( <sup>2</sup> )
Heated by superheated steam—			
Number.....	16	15	26
Capacity (barrels 42 gallons).....	6,200	( <sup>2</sup> )	( <sup>2</sup> )
Heated by fire—			
Number.....	1,928	1,610	1,458
Capacity (barrels 42 gallons).....	1,656,534	( <sup>2</sup> )	( <sup>2</sup> )
Agitators, number.....	529	374	327
Chilling houses for paraffin, number.....	79	67	48
Hydraulic or other presses, number.....	357	311	510
Storage tanks for crude petroleum:			
Number.....	678	304	257
Capacity, gallons.....	242,590,505	245,760,493	( <sup>2</sup> )
Storage tanks for refined petroleum:			
Number.....	6,476	3,575	2,809
Capacity, gallons.....	1,041,627,444	576,458,825	( <sup>2</sup> )
Cooper shops, number.....	53	64	48
Tin shops, number.....	14	17	13

<sup>1</sup> In 1909, 48,580 tons of sulphuric acid, and in 1904, 49,379 tons, were made and consumed in establishments where produced.

<sup>2</sup> Not reported separately.

<sup>3</sup> Not reported.

The largest gain was that in the output of fuel oils, which increased from 7,209,428 barrels in 1904 to 34,034,577 barrels in 1909, as the result of the increase in the refining of low-grade crude oils. The output

of lubricating oils and naphtha also increased very rapidly. The decrease in the value of "all other products" in 1909 as compared with 1904 is due in part to the fact that the products of the box, cooperage, tinware, and paint shops operated by the refineries were included in 1904, but when possible separate reports were obtained for these departments in 1909 and the statistics for them were included with those for other industries at this census.

**Salt.**—The statistics for the salt industry are given in the following table.<sup>1</sup> The value of all products increased from \$7,966,897 in 1899 to \$11,327,834 in 1909, or 42.2 per cent. The production of salt increased from 15,187,819 barrels in 1899 to 29,933,060 barrels in 1909, or 97.1 per cent, while the value of the product increased from \$5,869,362 to \$8,311,729, or 41.6 per cent, the average value per barrel decreasing from 39 cents in 1899 to 28 cents in 1909 on account of the greatly increased proportion of the lower grades of salt manufactured. The barrel of 280 pounds is used in showing quantities.

Table 78	PRODUCT.	1909	1904	1899
<b>Total value.....</b>		<b>\$11,327,834</b>	<b>\$9,437,662</b>	<b>\$7,966,897</b>
<b>Salt:</b>				
Barrels.....	29,933,060	17,128,572	15,187,819	
Value.....	\$8,311,729	\$6,955,734	\$5,869,362	
Bromine:				
Pounds.....	228,875	261,665	279,437	
Value.....	\$92,735	\$72,584	\$64,921	
All other products.....	\$2,923,370	\$2,409,344	\$2,032,614	
<b>Salt, classified by grade (barrels).</b>				
Table and dairy.....	3,042,824	3,119,091	1,866,058	
Common fine.....	7,745,204	6,254,293	6,866,126	
Common coarse.....	2,843,393	1,878,666	2,635,282	
Packers.....	385,802	498,943	182,930	
Coarse solar.....	1,109,396	1,677,182	910,974	
Rock salt, mined.....	5,938,721	3,416,835	2,543,679	
Milling, other grades, and brine.....	8,867,720	283,562	182,770	
<b>Process employed.</b>				
Total number of establishments.....	124	146	159	
Number reporting:				
Solar.....	46	63	( <sup>2</sup> )	
Kettle.....	1	7	( <sup>2</sup> )	
Grainer.....	59	70	( <sup>2</sup> )	
Open pan.....	11	12	( <sup>2</sup> )	
Vacuum pan.....	21	20	( <sup>2</sup> )	

<sup>1</sup> In addition, 25,043 barrels of salt, to the value of \$8,415, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Includes potassium bromide.

<sup>3</sup> Not reported.

**Soap.**—The statistics for the soap industry given in Table 79 for 1909 and 1904 include those for the soap factories operated by the owners of slaughtering and meat-packing establishments as well as for establishments engaged primarily in the manufacture of soap. In 1899 the manufacture of soap and of candles was reported as one industry, the value of products being \$53,231,017. In 1904 the value of the combined products of these industries was \$72,164,062 and in 1909, \$114,488,298.

The cost of the materials used in the soap industry was \$72,179,418 in 1909 and \$43,625,608 in 1904, the

<sup>1</sup> The statistics differ from those published by the United States Geological Survey, which include Hawaii and Porto Rico.



increase for the five-year period being 65.5 per cent. The value of all products was \$111,357,777 in 1909 and \$68,274,700 in 1904, the increase for the five-year period being 63.1 per cent. With the addition of the by-products from establishments in other industries the total value of soap products was \$115,455,172 in 1909. The chief soap product was hard soap, which, including that made in establishments engaged primarily in the manufacture of products other than soap, aggregated 883,583 net tons in 1909. Glycerin is an important product of the soap industry. Reference should be made to Table 66 for the glycerin product of chemical establishments.

Table 79	1909	1904
<b>MATERIALS.</b>		
Total cost.....	\$72,179,418	\$43,625,608
Tallow, grease, and other fats:		
Pounds.....	413,969,787	475,618,277
Cost.....	\$23,341,905	\$19,723,311
Cocconut and palm-kernel oil:		
Gallons.....	11,856,837	6,833,132
Cost.....	\$5,875,294	\$2,692,034
Cottonseed oil:		
Gallons.....	24,221,712	13,276,006
Cost.....	\$9,718,988	\$3,882,987
Rosin:		
Pounds.....	207,296,447	168,107,246
Cost.....	\$4,362,412	\$2,734,848
Feet:		
Pounds.....	94,050,892	59,761,740
Cost.....	\$2,453,609	\$1,222,982
Caustic soda:		
Tons (2,000 pounds).....	52,172	71,551
Cost.....	\$2,212,232	\$2,843,988
Soda ash:		
Tons (2,000 pounds).....	121,016	53,777
Cost.....	\$2,281,787	\$1,011,694
All other materials.....	\$21,933,191	\$9,513,764
<b>PRODUCTS.</b>		
Total value.....	\$111,357,777	\$68,274,700
Hard soap:		
Pounds.....	1,736,740,466	1,355,358,649
Value.....	\$88,550,830	\$56,878,486
Soft soap:		
Pounds.....	44,032,615	33,613,416
Value.....	\$943,676	\$607,064
Glycerin:		
Pounds.....	\$ 39,689,300	27,660,661
Value.....	\$5,713,558	\$2,958,115
Special soap articles.....	\$731,823	\$554,881
All other products.....	\$15,417,890	\$7,216,154

<sup>1</sup> In addition, the following products were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation:

	1909	1904
<b>Soap:</b>		
Hard—		
Pounds.....	30,424,855	31,251,795
Value.....	\$1,279,004	\$1,148,920
Soft—		
Pounds.....	15,984,055	10,285,839
Value.....	\$325,511	\$94,017
Glycerin:		
Pounds.....	\$ 7,206,721	565,000
Value.....	\$1,076,706	\$45,200
All other products.....	\$1,416,174	\$148,981

<sup>2</sup> In addition, 5,597,519 pounds were reported with no value.

<sup>3</sup> In addition, 25,319 pounds were reported with no value.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Red oil.....	gallons.. 3,175,795	1,149,346
Tallow.....	pounds.. 17,709,219	10,613,271
Cottonseed oil.....	gallons.. 2,422,843	920,410
Caustic lye, 30° Baumé.....	gallons.. 15,931,639	9,568,522
Sodium silicate.....	pounds.. 37,466,246	1,597,886
Glycerin.....	pounds.. 5,816,279	3,433,339
Framed soap.....	pounds.. 527,370,128	114,452,424

Sulphuric, nitric, and mixed acids.—Comparative statistics for the products of establishments engaged primarily in the manufacture of sulphuric, nitric, and mixed acids are given in the following table. The total value of products was \$9,884,057 in 1909, as compared with \$8,596,390 in 1899, an increase of 15 per cent. This increase was chiefly in sulphuric acid, the output of which increased in quantity (on the basis of 50° acid) 88.8 per cent and in value 38.3 per cent. The ton of 2,000 pounds is used in showing quantities.

Table 80	PRODUCT.	1909	1904	1899
	Total value.....	\$9,884,057	\$9,032,646	\$8,596,390
	Acids.....	\$7,567,274	\$6,955,078	\$6,209,872
	Sulphuric:			
	Tons, reduced to 50° Baumé.....	855,191	467,614	452,942
	Value.....	\$5,629,496	\$4,286,312	\$4,071,848
	66° Baumé—			
	Tons.....	267,476	199,663	250,328
	Value.....	\$3,158,097	\$2,886,179	\$3,244,583
	60° Baumé—			
	Tons.....	73,073	13,634	13,650
	Value.....	\$401,734	\$121,432	\$199,389
	50° Baumé—			
	Tons.....	\$ 362,636	\$ 151,077	\$ 69,387
	Value.....	\$2,069,665	\$1,278,701	\$627,882
	Nitric:			
	Pounds.....	8,396,326	30,306,555	20,402,570
	Value.....	\$499,303	\$1,446,471	\$1,028,266
	Mixed:			
	Pounds.....	45,361,626	42,812,894	42,301,319
	Value.....	\$1,438,475	\$1,222,295	\$1,109,758
	All other products.....	\$2,316,783	\$2,097,568	\$2,386,518

<sup>1</sup> In addition, the following products were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation:

	1909	1904
<b>Acids:</b>		
Sulphuric (50°)—		
Tons.....	621,801	433,377
Value.....	\$4,455,263	\$3,655,899
Nitric—		
Pounds.....	18,929,620	15,957,526
Value.....	\$857,795	\$804,473
Mixed—		
Pounds.....	11,820,542	22,518,433
Value.....	\$422,312	\$735,061
All other products.....	\$511,532	.....

<sup>2</sup> Includes the equivalent of 27,602 tons of oleum.

<sup>3</sup> Includes the equivalent of 13,268 tons of oleum.

NOTE.—In 1909, 1,271,535 tons of sulphuric acid (50°) and 110,760,619 pounds of nitric acid, and in 1904, 968,455 tons of sulphuric acid (50°) and 62,116,306 pounds of nitric acid were made and consumed in establishments where produced.

Including by-products from establishments engaged primarily in the manufacture of products other than those covered by the industry designation, the total production of these acids for sale in 1909 and 1904 was as follows:

Table 81	KIND.	1909	1904
	Sulphuric acid (50°):		
	Tons.....	1,476,992	900,991
	Value.....	\$10,084,759	\$7,942,211
	Nitric acid:		
	Pounds.....	27,325,946	46,264,081
	Value.....	\$1,357,098	\$2,250,944
	Mixed acids:		
	Pounds.....	57,182,168	65,331,327
	Value.....	\$1,860,787	\$1,957,356

A large amount of sulphuric acid made and consumed in the establishments where manufactured, particularly in fertilizer factories, must be taken into



account in considering the total production. The following table gives the total production for the three census years:

Table 82	SULPHURIC ACID.	1909	1904	1899
Total, reduced to 50° Baumé acid.....	tons.....	2,748,527	1,899,437	1,548,123
For sale.....		1,476,992	900,992	783,768
For consumption.....		1,271,535	998,445	764,355

**Turpentine and rosin.**—The products of the turpentine and rosin industry for which statistics are presented in the following table increased in value from \$20,344,888 in 1899 to \$25,295,017 in 1909, or 24.3 per cent, but the gain was due wholly to the great increase in the price of rosin. The turpentine product decreased in both quantity and value during the decade. The output of rosin also decreased 24.9 per cent, but its value increased 145.2 per cent. The average value of rosin per barrel increased from \$1.18 in 1899 to \$3.85 in 1909.

Table 83	PRODUCT.	1909	1904	1899
Total value.....		\$25,295,017	\$23,937,024	\$20,344,888
Turpentine:				
Gallons.....		28,988,954	30,687,051	38,488,170
Value.....		\$12,654,228	\$15,170,499	\$14,960,235
Rosin:				
Barrels (280 pounds).....		3,263,857	3,508,347	4,348,094
Value.....		\$12,576,721	\$8,725,619	\$5,129,268
Dross and other products.....		\$64,068	\$40,906	\$255,385

<sup>1</sup> In addition, 682,702 gallons of turpentine, valued at \$243,491, was produced by wood distillation.

#### CLAY, GLASS, AND STONE PRODUCTS.

Under this general head are assembled the industries using clay, sand, and stone as basic materials, namely, the manufacture of brick, tile, pottery, terra-cotta, and fire-clay products, and that of cement, glass, and lime.

The statistics for all these industries, except glass manufacture, were collected in 1909 in cooperation with the United States Geological Survey, and the tables include, except as otherwise stated, the respective products made by establishments engaged primarily in the manufacture of other products as well as those establishments making such products as their principal business.

**Brick and tile, and pottery, terra-cotta, and fire-clay products.**<sup>1</sup>—Table 84 summarizes the statistics in regard to the products of the brick and tile, pottery, and terra-cotta and fire-clay products industries. The total value of these classes of products was \$168,895,365 in 1909 and \$95,533,862 in 1899, the increase during the decade being 76.8 per cent. Of the total value of products in 1909, that of brick formed 57.5 per cent, that of tile and allied products 23.2 per cent, and that of pottery 18.4 per cent. The percentages were practically the same in 1904 and 1899. Some of the classes show large ratios of in-

crease, notably porcelain electrical supplies and building terra cotta, including architectural terra cotta, fireproofing, and tiling.

Table 84	PRODUCT.	1909	1904	1899
Total value.....		\$168,895,365	\$135,352,854	\$95,533,862
Brick and tile, terra-cotta, and fire-clay products.....		\$136,387,846	\$109,003,306	\$76,551,645
Brick.....		\$97,137,844	\$78,728,083	\$58,640,228
Common—				
Thousand.....		9,787,671	8,683,897	7,654,528
Value.....		\$37,216,789	\$51,239,871	\$39,674,749
Fire—				
Thousand.....		838,167	678,362	800,862
Value.....		\$16,620,695	\$11,732,625	\$8,636,562
Vitrified, paving, etc.—				
Thousand.....		1,023,654	715,559	590,720
Value.....		\$11,269,586	\$7,256,088	\$4,828,456
Front, including fancy colored and fancy or ornamental—				
Thousand.....		821,641	626,142	451,420
Value.....		\$9,886,292	\$7,335,511	\$5,170,492
Sand lime.....		\$1,150,580	\$698,003	( <sup>1</sup> )
Enameled.....		\$993,902	\$445,985	\$329,969
Drain tile.....		\$9,798,978	\$5,522,198	\$3,662,184
Sewer pipe.....		\$10,322,324	\$8,416,009	\$4,560,334
Architectural terra cotta.....		\$6,251,625	\$3,792,763	\$2,027,532
Fireproofing, terra-cotta lumber and hollow building tile, or blocks.....		\$4,466,708	\$4,317,312	\$1,665,031
Tile, not drain.....		\$5,291,963	\$2,725,717	\$1,276,300
Stove lining.....		\$423,583	( <sup>1</sup> )	\$416,235
Other.....		\$2,694,821	\$5,501,224	\$4,303,801
Pottery.....		\$31,048,341	\$25,834,513	\$17,222,040
White ware, including C. C. ware, white granite, semiporcelain ware, and semivitreous porcelain ware.....		\$13,728,316	\$9,195,703	\$6,376,351
Sanitary ware.....		\$5,989,295	\$3,932,506	\$2,211,877
Stoneware and yellow and Rockingham ware.....		\$3,993,859	\$3,481,521	\$2,130,263
Porcelain electrical supplies.....		\$3,047,499	\$1,500,283	\$470,355
China, bone china, Delft and Bel-leek ware.....		\$1,766,766	\$3,478,627	\$1,297,978
Red earthenware.....		\$804,806	\$821,695	\$762,260
Other.....		\$1,717,800	\$3,424,178	\$3,972,956
All other products.....		\$1,459,178	\$515,035	\$1,760,177

<sup>1</sup> Not reported separately.

<sup>2</sup> Product of Ohio included in "other" pottery.

**Cement.**—The statistics of products for the cement industry for 1909 and 1904, given in the following table, show a total value of \$63,205,455 in 1909 as compared with \$29,873,122 in 1904, the rate of increase for the five-year period being 111.6 per cent. In 1899 the statistics for the lime and cement industries were combined, the products aggregating \$28,673,735 in value. The value of the combined lime and cement product in 1909 was \$81,157,442, the increase for the decade being 183 per cent.

During the period 1904–1909 the output of cement increased 110.5 per cent in quantity, all of the increase being in Portland cement, while the output of natural cement and of puzzolan cement decreased greatly. Portland cement formed 97.5 per cent of the total in 1909, as compared with 83.7 per cent in 1904.

Table 85	PRODUCT.	1909	1904
Total value.....		\$63,205,455	\$29,873,122
Cement:			
Barrels.....		66,689,715	31,675,257
Value.....		\$53,610,563	\$26,031,920
Portland—			
Barrels.....		64,991,431	26,505,881
Value.....		\$52,858,354	\$23,355,119
Natural—			
Barrels.....		1,537,638	4,866,331
Value.....		\$652,756	\$2,450,150
Puzzolan—			
Barrels.....		160,646	303,045
Value.....		\$99,453	\$226,651
All other products.....		\$9,594,892	\$3,841,202

<sup>1</sup> The statistics differ from those published by the United States Geological Survey, which include Porto Rico.



**Glass.**—The following table presents comparative statistics for the glass industry, giving the total cost of materials and the total value of products, together with the quantities of the principal materials and products, for the years 1909, 1904, and 1899. There was an increase of 62.9 per cent in the value of all

products for 1909 as compared with 1899. The increase in the value of building glass amounted to 53.9 per cent; that in the value of pressed and blown glass to 60.4 per cent; and that in the value of bottles and jars to 66.2 per cent. The *ton of 2,000 pounds* is used in showing quantities.

Table 86	1909	1904	1899		1909	1904	1899
PRINCIPAL MATERIALS.				PRODUCTS—continued.			
Total cost.....	\$32,119,499	\$26,145,522	\$16,731,009	Building glass—Continued.			
Glass sand, tons.....	1,004,086	769,792	581,720	Skylight—			
Soda ash (carbonate of soda), tons.....	373,764	215,462	157,779	Square feet.....	15,409,966	15,255,541	3,679,694
Salt cake (sulphate of soda), tons.....	76,540	53,905	53,257	Value.....	\$788,726	\$678,391	\$165,086
Nitrate of soda, tons.....	19,676	11,915	10,770	All other.....	\$964,599	\$1,133,214	\$250,056
Limestone, tons.....	156,377	115,655	91,015	Pressed and blown glass.....	\$27,398,445	\$21,956,158	\$17,076,125
Lime, bushels.....	1,256,117	1,166,342	993,349	Tableware, 100 pieces.....	1,286,056	1,283,974	655,141
Arsenic, pounds.....	3,140,720	2,676,650	2,349,261	Jellies, tumblers, and goblets, dozen.....	11,687,036	7,346,214	8,544,050
Carbon, tons.....	5,480	3,750	4,155	Lamps, dozen.....	322,482	487,017	807,765
Manganese, pounds.....	3,882,465	3,096,939	1,493,538	Chimneys, dozen.....	6,632,967	7,039,756	6,901,192
Litharge and red lead, pounds.....	11,653,149	9,613,649	8,386,106	Lantern globes, dozen.....	932,620	1,765,247	1,044,816
Potash or pearlash, pounds.....	6,938,355	5,446,338	4,406,211	Globes and other electrical goods, dozen.....	11,738,798	1,901,415	( <sup>1</sup> )
Grinding sand, tons.....	706,689	410,856	265,438	Shades, globes, and other gas goods, dozen.....	1,541,449	878,244	2,673,854
Rouge, pounds.....	1,383,182	1,098,566	837,536	Blown tumblers, stem ware, and bar goods, dozen.....	9,182,060	6,282,606	6,127,367
PRODUCTS.				Opal ware, dozen.....	3,095,666	1,091,208	3,750,443
Total value.....	\$92,095,203	\$79,607,998	\$56,539,712	Cut ware, dozen.....	206,336	83,736	134,726
Building glass.....	\$26,308,438	\$21,697,861	\$17,096,234	Bottles and jars.....	\$36,018,333	\$33,631,063	\$21,676,791
Window—				Prescriptions, vials, and druggists' wares, gross.....	3,624,022	3,202,586	2,423,932
50-foot boxes.....	6,921,611	4,832,315	4,341,282	Beer, soda, and mineral, gross.....	2,345,204	2,351,852	1,351,118
Value.....	\$11,742,959	\$11,610,851	\$10,879,355	Liquors and flasks, gross.....	1,887,344	2,157,801	985,374
Plate—				Milk jars, gross.....	440,302	253,651	146,142
Total cast, square feet.....	60,105,694	34,804,986	21,172,129	Fruit jars, gross.....	1,124,485	1,061,829	789,298
Polished—				Battery jars and other electrical goods, gross.....	9,981	19,974	( <sup>2</sup> )
Square feet.....	47,370,254	27,293,138	16,883,578	Patent and proprietary, gross.....	1,637,798	1,657,372	1,296,131
Value.....	\$12,204,875	\$7,978,253	\$5,158,598	Packers and preservers, gross.....	1,237,175	1,237,065	784,588
Rough, made for sale—				Demijohns and carboys, dozen.....	122,570	64,450	83,243
Square feet.....	205,690	17,784	628,684	All other products.....	\$2,369,987	\$2,322,916	\$690,562
Value.....	\$37,431	\$3,529	\$75,887				
Cathedral—							
Square feet.....	7,405,980	6,615,093	8,846,361				
Value.....	\$569,848	\$293,623	\$567,252				

<sup>1</sup> In addition, 42,639 gross of bottles and jars, valued at \$90,490, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> In addition, glassware to the value of \$9,063 was made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> Not reported.

**Lime.**<sup>1</sup>—The total value of the lime reported as manufactured in 1909 was \$13,763,604 as compared with \$9,951,456 in 1904, an increase for the five-year period of 38.3 per cent. The quantity reported in 1909 was 3,467,523 tons (2,000 pounds), of which 1,904,202 tons was used for building or structural purposes; 591,792 tons for fertilizing; and the remainder in various manufacturing establishments, such as paper mills, tanneries, sugar factories, and alkali works. The value of all products reported by establishments engaged primarily in the manufacture of lime was \$17,951,987 in 1909 and \$14,751,170 in 1904.

#### VEHICLES FOR LAND TRANSPORTATION.

Under the above heading are given statistics for the manufacture of automobiles, bicycles, motorcycles, and carriages and wagons, and the construction of steam and electric railroad cars, and also for the operations of the construction and repair shops of railroads.

**Automobiles.**—The statistics for automobiles are presented in Table 87. Under "all other products" are included the products of establishments engaged

in the manufacture of automobile bodies and parts, which are sold largely to automobile manufacturers, as well as the value of bodies and parts made and sold separately by automobile manufacturers. The total value of products for the industry thus involves considerable duplication. The growth of the automobile industry has been phenomenal. In 1899 the general statistics for the industry were included with those for carriage and wagon manufacture, and only 3,897 automobiles were reported. In 1904 the total number, including automobiles made by concerns classified under other industries, was 22,830, while in 1909 the number was 127,287, or nearly thirty-three times the number reported in 1899.

The value of all products of the industry proper was \$249,202,075 in 1909 and \$30,033,536 in 1904. Gasoline machines formed 95.1 per cent of the total number made in 1909 and 86.2 per cent in 1904. Of the total number manufactured in 1909, 3,226, or 2.5 per cent, were rated at 50 horsepower or more; 51,218, or 40.5 per cent, at from 30 to 49 horsepower; 35,257, or 27.8 per cent, at from 20 to 29 horsepower; 29,353, or 23.2 per cent, at from 10 to 19 horsepower; and 7,539, or 6 per cent, at less than 10 horsepower. Passenger vehicles constituted 97.4 per cent of the total number and business vehicles 2.6 per cent.

<sup>1</sup> The statistics differ from those published by the United States Geological Survey, which include Hawaii and Porto Rico.



Table 87

PRODUCT.	1909		1904	
	Number.	Value.	Number.	Value.
<b>Total value</b> .....		<b>\$249,202,075</b>		<b>\$30,033,536</b>
Automobiles.....	126,593	164,269,324	21,692	23,751,234
Gasoline.....	120,393	153,529,653	18,699	19,596,941
Electric.....	3,826	7,259,430	1,425	2,496,235
Steam.....	2,374	3,480,241	1,568	1,688,038
<b>Passenger vehicles (pleasure, family, and public conveyances).....</b>	<b>123,338</b>	<b>159,039,301</b>	<b>21,281</b>	<b>22,804,287</b>
Gasoline.....	117,633	149,530,232	18,504	19,300,654
Electric.....	3,331	6,028,828	1,211	1,819,595
Steam.....	2,374	3,480,241	1,566	1,684,038
Buggies.....	4,582	2,391,250	( <sup>1</sup> )	
Gasoline.....	4,314	2,039,129	( <sup>1</sup> )	
Electric.....	208	352,121	( <sup>1</sup> )	
Runabouts.....	36,204	28,030,479	12,131	8,831,504
Gasoline.....	35,347	27,116,901	10,999	7,976,821
Electric.....	496	648,630	455	453,304
Steam.....	301	264,948	677	401,379
Touring cars.....	76,114	113,493,188	7,220	11,781,521
Gasoline.....	73,883	109,844,295	6,444	10,576,023
Electric.....	243	387,526	39	55,038
Steam.....	1,988	3,171,367	737	1,150,460
Closed (limousine, cabs, etc.).....	5,205	12,729,304	( <sup>2</sup> )	
Gasoline.....	3,290	8,762,768	( <sup>2</sup> )	
Electric.....	1,915	3,966,536	( <sup>2</sup> )	
All other (omnibuses, sight-seeing wagons, ambulances, patrol wagons, etc.).....	1,233	2,485,080	1,930	2,191,262
Gasoline.....	799	1,767,139	1,061	747,810
Electric.....	409	674,015	717	1,311,253
Steam.....	25	43,926	152	132,199
<b>Business vehicles (merchandise).....</b>	<b>3,255</b>	<b>5,230,023</b>	<b>411</b>	<b>946,947</b>
Gasoline.....	2,700	3,999,421	195	296,287
Electric.....	493	1,230,602	214	676,660
Steam.....			2	4,000
Delivery wagons.....	1,862	1,918,856	251	455,457
Gasoline.....	1,645	1,474,063	140	215,897
Electric.....	217	444,793	109	235,560
Steam.....			2	4,000
Trucks.....	1,366	3,165,512	160	491,490
Gasoline.....	1,090	2,384,763	55	50,390
Electric.....	276	780,809	105	441,100
All other.....	27	145,655	( <sup>3</sup> )	
Gasoline.....	25	140,655	( <sup>3</sup> )	
Electric.....	2	5,000	( <sup>3</sup> )	
All other products, including bodies and parts.....		<b>\$78,584,783</b>		<b>5,431,249</b>
Amount received for custom work and repairing.....		<b>6,317,998</b>		<b>851,053</b>

<sup>1</sup> In addition, 694 automobiles, valued at \$830,080, and bodies and parts valued at \$4,415,266, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> In addition, 1,138 automobiles, valued at \$879,205, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> Not reported separately.

<sup>4</sup> None reported.

<sup>5</sup> Includes custom work and repairing by establishments manufacturing bodies and parts.

**Bicycles and motorcycles, and parts.**—The following table presents the comparative statistics of products for the bicycle and motorcycle industry. It does not include children's bicycles and tricycles. A marked feature is the decline in the manufacture of bicycles and tricycles and the increase in the manufacture of motorcycles.

Table 88

PRODUCT.	1909	1904	1899
<b>Total value</b> .....	<b>\$10,698,567</b>	<b>\$5,153,240</b>	<b>\$31,915,908</b>
Bicycles:			
Number.....	168,824	225,309	1,112,880
Value.....	\$2,436,996	\$3,203,505	\$22,127,310
Tricycles:			
Number.....	( <sup>1</sup> )	32	328
Value.....		\$3,350	\$17,261
Motorcycles:			
Number.....	18,628	2,300	160
Value.....	\$3,015,988	\$354,980	\$33,674
All other products, including parts.....	\$5,245,583	\$1,591,405	\$9,737,603

<sup>1</sup> In addition, the following products were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation: In 1909, 64,883 bicycles, valued at \$791,193, and other products, including parts, etc., valued at \$579,927; in 1904, 25,178 bicycles, valued at \$537,418; 28 motorcycles, valued at \$4,200; and other products, including parts, valued at \$34,341; and in 1899, 69,811 bicycles, valued at \$1,529,177, and other products valued at \$24,000.

<sup>2</sup> None reported.

The total value of products of the industry decreased from \$31,915,908 in 1899 to \$5,153,240 in 1904, but by 1909 it had risen again to \$10,698,567, or more than double the figures for 1904.

**Carriages and wagons and materials.**—The following table presents statistics for the manufacture of carriages and wagons, including under "All other products" the products of establishments engaged in the manufacture of carriage and wagon materials, but not including children's carriages and sleds. The total value of products increased from \$138,261,763 in 1899 to \$159,892,547 in 1909, or 15.6 per cent. The value of wagons increased \$8,852,172, or 28.5 per cent, though the number manufactured was very little larger in 1909 than in 1899. The carriages reported were both fewer in number and lower in value in 1909 than in 1899. Public conveyances also show a decrease in value, but a slight increase in number. In each of these three classes the decreases that appear for the decade as a whole have taken place entirely since 1904, in which year the numbers and values reported exceeded those for 1899. The decreases are presumably due to the growth of the automobile industry.

Table 89 PRODUCT.	1909	1904	1899
<b>Total value</b> .....	<b>\$159,892,547</b>	<b>\$155,868,849</b>	<b>\$138,261,763</b>
Carriages (family and pleasure):			
Number.....	828,411	937,409	904,639
Value.....	\$47,736,118	\$55,750,276	\$51,295,393
Wagons:			
Number.....	587,685	643,755	570,428
Value.....	\$39,932,910	\$37,195,230	\$31,080,738
Business—			
Number.....	154,631	133,422	( <sup>1</sup> )
Value.....	\$16,440,816	( <sup>1</sup> )	( <sup>1</sup> )
Farm—			
Number.....	429,952	505,025	( <sup>1</sup> )
Value.....	\$22,615,875	( <sup>1</sup> )	( <sup>1</sup> )
Government, municipal, etc.—			
Number.....	3,102	5,308	( <sup>1</sup> )
Value.....	\$876,219	( <sup>1</sup> )	( <sup>1</sup> )
Public conveyances (cabs, hacks, hansom, hotel coaches, omnibuses, etc.):			
Number.....	2,243	2,711	2,218
Value.....	\$939,267	\$1,314,952	\$1,114,090
Sleighs and sleds:			
Number.....	100,899	127,455	117,006
Value.....	\$2,065,850	\$2,694,560	\$2,290,903
Automobiles: <sup>4</sup>			
Number.....	544	199	174
Value.....	\$569,119	\$235,675	\$129,053
All other products, including parts, and amount received for repair work.	\$68,629,283	\$58,678,156	\$52,351,586

<sup>1</sup> In addition, 14,908 carriages, valued at \$1,078,935; 42,112 wagons, valued at \$2,093,288; 104 public conveyances, valued at \$5,615; 8,209 sleighs and sleds, valued at \$165,917; and parts and materials, valued at \$1,184,256, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> In addition, carriages and wagons, valued at \$612,173, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> Not reported separately.

<sup>4</sup> Automobiles manufactured in establishments devoted primarily to the manufacture of carriages and wagons.

**Cars and general shop construction and repairs by steam-railroad companies.**—Table 90 presents statistics of the work done by construction and repair shops operated by steam-railroad companies, not including roundhouses where running repairs are made. The total value of such work was \$405,600,727 in 1909 and \$218,238,277 in 1899, the rate of increase



for the decade being 85.9 per cent. Most of the value represents that of repairs, comparatively little representing new construction.

Table 90	CLASS OF WORK.	1909	1904	1899 <sup>1</sup>
	<b>Total value</b> .....	\$405,600,727	\$309,775,089	\$218,238,277
	Motive power and machinery department.....	\$184,971,870	\$149,643,953	\$94,447,260
	Locomotives built:			
	Number.....	215	148	272
	Value.....	\$3,289,140	\$1,853,939	\$3,276,303
	Repairs to locomotives, motors, etc.....	\$127,928,773	\$101,326,805	\$57,383,143
	Work for other corporations.....	\$4,735,004	\$5,681,307	\$3,338,589
	All other products or work.....	\$49,018,933	\$40,781,902	\$30,449,135
	<b>Car department</b> .....	\$199,768,939	\$149,748,820	\$118,376,552
	Cars built.....	\$13,326,171	\$12,990,011	\$16,821,352
	Passenger—			
	Number.....	218	414	390
	Value.....	\$1,291,354	\$2,337,977	\$1,441,733
	Freight—			
	Number.....	13,972	14,742	26,543
	Value.....	\$11,767,664	\$10,006,642	\$15,079,619
	Other—			
	Number.....	359	2,000	(?)
	Value.....	\$267,153	\$645,392	(?)
	Repairs to cars of all kinds.....	\$147,194,065	\$109,319,032	\$74,665,500
	Work for other corporations.....	\$8,784,239	\$6,946,990	\$7,084,857
	All other products or work.....	\$30,464,464	\$24,492,787	\$20,104,843
	<b>Bridge and building departments (shopwork)</b> .....	\$2,799,898	\$5,096,141	\$5,414,465
	Repairs and renewals.....	\$1,906,737	\$4,351,487	\$3,937,170
	Work for other corporations.....	\$46,496	\$40,581	\$241,626
	All other products or work.....	\$846,665	\$704,073	\$1,235,669
	<b>All other products and work, not classified</b> .....	\$18,060,020	\$5,286,175	(?)

<sup>1</sup> Includes Alaska.

<sup>2</sup> None reported.

Cars and general shop construction and repairs by street-railroad companies.—The following table presents statistics of the operations of the construction and repair shops of street-railroad companies, including all electric systems and interurban electric lines—all railroads, in fact, except steam roads. The work done, which consists almost wholly of repairs, was not reported in detail in 1899, but its aggregate value in that year was \$9,370,811, as compared with \$13,437,121 in 1904 and \$31,962,561 in 1909, an increase for the decade of 241.1 per cent.

Table 91	CLASS OF WORK.	1909	1904
	<b>Total value</b> .....	\$31,962,561	\$13,437,121
	Motive power and machinery department.....	\$4,510,332	\$510,946
	Repairs to motors, etc.....	\$4,004,336	.....
	Work for other corporations.....	\$88,070	\$2,626
	All other products or work.....	\$417,926	\$508,320
	<b>Car department</b> .....	\$25,835,463	\$12,581,365
	Cars built.....	\$620,752	\$605,144
	Passenger—		
	Number.....	129	288
	Value.....	\$498,709	\$580,669
	Freight—		
	Number.....	63	13
	Value.....	\$59,102	\$11,366
	Other—		
	Number.....	51	9
	Value.....	\$68,941	\$13,109
	Repairs to cars of all kinds.....	\$22,869,777	\$11,254,505
	Work for other corporations.....	\$624,805	\$36,714
	All other products or work.....	\$1,714,129	\$685,002
	<b>Bridge and building department (shopwork)</b> .....	\$330,948	\$327,855
	Repairs and renewals.....	\$273,581	\$253,133
	Work for other corporations.....	\$5,068	.....
	All other products or work.....	\$52,274	\$74,722
	<b>All other products and work not classified</b> .....	\$1,285,818	\$16,955

<sup>1</sup> Includes value of three electric locomotives.

Cars, steam-railroad.—The statistics of establishments constructing steam-railroad cars given in the

following table do not include the work of steam-railroad companies in their repair shops or that of concerns primarily engaged in the construction of street cars. The total value of products of this industry was \$123,729,627 in 1909, as compared with \$90,510,180 in 1899, an increase for the decade of 36.7 per cent. The freight cars made in 1909 were fewer in number and lower in aggregate value than those made in either 1904 or 1899, and the cars for passenger service made in 1909 were fewer in number and lower in aggregate value than those made in 1904. In fact, while there are a number of classes of products, such as passenger cars (day coaches) and ore cars, which show an increase in number and value for the five-year period 1904–1909, the increase in value for the total is more than covered by the increase in the value of "all other products."

Table 92	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	\$123,729,627	\$111,175,310	\$90,510,180
	<b>Steam-railroad cars:</b>			
	Passenger service—			
	Total number.....	1,601	2,030	979
	Value.....	\$13,829,607	\$18,140,293	\$7,368,299
	Baggage and express—			
	Number.....	216	199	72
	Value.....	\$1,105,779	\$896,185	\$238,554
	Mail—			
	Number.....	95	95	42
	Value.....	\$600,912	\$576,230	\$197,465
	Passenger—			
	Number.....	957	428	331
	Value.....	\$7,209,425	\$2,955,517	\$1,975,469
	Chair, dining and buffet, parlor, sleeping, and all other—			
	Number.....	333	1,308	534
	Value.....	\$4,913,491	\$13,712,361	\$4,956,811
	<b>Freight service—</b>			
	Total number.....	73,177	100,616	116,590
	Value.....	\$61,691,825	\$69,148,955	\$62,161,013
	Box—			
	Number.....	29,728	38,184	47,838
	Value.....	\$23,982,446	\$28,508,632	\$26,562,893
	Coal and coke—			
	Number.....	11,473	27,098	28,857
	Value.....	\$9,419,655	\$21,367,218	\$18,414,718
	Flat—			
	Number.....	3,252	5,412	4,525
	Value.....	\$2,033,801	\$2,893,154	\$1,923,525
	Fruit—			
	Number.....	900	2,840	1,620
	Value.....	\$784,476	\$1,727,771	\$665,354
	Furniture—			
	Number.....	90	801	1,717
	Value.....	\$70,515	\$505,090	\$1,148,265
	Gondola or ore—			
	Number.....	19,607	9,518	11,821
	Value.....	\$18,128,186	\$5,518,084	\$6,873,145
	Refrigerator—			
	Number.....	2,618	3,353	2,354
	Value.....	\$2,747,957	\$3,042,835	\$1,956,097
	Stock—			
	Number.....	2,349	4,235	2,760
	Value.....	\$1,586,008	\$2,453,123	\$1,426,800
	Caboose—			
	Number.....	537	160	193
	Value.....	\$525,605	\$150,977	\$184,865
	Other—			
	Number.....	2,643	8,115	14,905
	Value.....	\$2,413,176	\$2,982,161	\$3,005,351
	<b>Street-railroad cars:</b>			
	Number.....	603	418	935
	Value.....	\$2,023,922	\$994,654	\$1,090,854
	Passenger—			
	Number.....	558	331	902
	Value.....	\$1,903,317	\$930,791	\$1,062,172
	Other—			
	Number.....	45	87	33
	Value.....	\$120,605	\$63,863	\$28,682
	<b>All other products</b> .....	\$46,184,273	\$22,801,408	\$19,890,014

<sup>1</sup> In addition, 8,977 cars, valued at \$5,924,871, and parts and repairs to the value of \$210,487, were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> In addition, 2,541 cars, valued at \$1,012,820, and parts and repairs to the value of \$101,073, were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.



**Cars, street-railroad.**—The following table presenting comparative statistics of products for establishments constructing street or electric railroad cars does not include cars made in the shops of railroad companies or by concerns primarily engaged in making steam-railroad cars. In 1899 the value of all products was \$7,305,368 and in 1909 only \$7,809,866, a slight increase thus being shown for the decade. The value of products in 1904, however, exceeded that in 1909. The decrease in the construction of open cars since 1904 is especially marked.

Table 93	PRODUCT.	1909	1904
	<b>Total value</b> .....	<b>\$7,809,866</b>	<b>\$10,844,196</b>
Electric-railroad cars:			
Number.....	1,922	3,966	
Value.....	\$4,602,435	\$8,302,512	
Closed—			
Number.....	1,323	2,621	
Value.....	\$3,500,781	\$5,777,257	
Combination—			
Number.....	369	502	
Value.....	\$704,309	\$1,240,864	
Open—			
Number.....	95	554	
Value.....	\$141,008	\$860,349	
Freight, express, and mail—			
Number.....	92	16	
Value.....	\$179,293	\$24,022	
Other varieties—			
Number.....	43	273	
Value.....	\$77,044	\$400,020	
Steam-railroad cars:			
Freight service, all classes—			
Number.....	167	136	
Value.....	\$111,813	\$59,663	
All other products.....	\$3,095,618	\$2,482,021	

<sup>1</sup> Products were not shown in detail for 1899; the total value was \$7,305,368.

<sup>2</sup> In addition, 607 cars, valued at \$2,033,922, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> In addition, 418 cars, valued at \$994,654, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>4</sup> Includes 38 horse cars, valued at \$29,182.

**Summary for railroad cars.**—The following table assembles the statistics of all railroad cars constructed, including those made in establishments not engaged primarily in the construction of railroad cars:

Table 94	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$102,137,396</b>	<b>\$110,249,222</b>	
Steam-railroad cars	\$94,874,287	\$100,346,912	\$86,050,664	
Passenger service—				
Number.....	1,819	2,446	1,369	
Value.....	\$15,120,961	\$20,486,260	\$8,810,032	
Freight service—				
Number.....	96,648	117,494	143,133	
Value.....	\$79,753,326	\$79,860,652	\$77,240,632	
Street-railroad cars: <sup>1</sup>				
Number.....	2,772	4,694	( <sup>2</sup> )	
Value.....	\$7,263,109	\$9,902,310	( <sup>3</sup> )	

<sup>1</sup> Including all service not passenger.

<sup>2</sup> Chiefly electric.

<sup>3</sup> Not reported separately; the total value of products of establishments engaged primarily in the construction of street-railroad cars amounted to \$7,305,368.

#### MISCELLANEOUS INDUSTRIES.

Statistics for all industries that can not properly be classified with any of the groups before presented, on account of the character either of the products or of the raw materials used, are given under the above head.

**Agricultural implements.**—Table 95 presents comparative statistics of the production of agricultural implements. The value of all products increased from \$101,207,428 in 1899 to \$146,329,268 in 1909, or 44.6

per cent. This includes the value of miscellaneous agricultural implements and parts not classifiable under either of the four groups shown separately and of a large number of products not distinctively agricultural, but made by manufacturers of agricultural implements, such as windmills, carriages and wagons, engines, presses, castings, lawn swings, etc. In 1909 the aggregate value of the four groups of agricultural implements—seeders and planters, implements of cultivation, harvesting implements, and separators—was \$94,524,494, compared with \$79,335,400 in 1904, an increase of 19.1 per cent.

Table 95	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$146,329,268</b>	<b>\$112,007,344</b>	<b>\$101,207,428</b>
Implements of cultivation.....	\$35,246,030	\$30,607,960		
Seeders and planters.....	\$13,679,621	\$11,225,122		
Harvesting implements.....	\$34,568,131	\$30,862,435		
Seed separators.....	\$11,030,412	\$6,639,883		\$98,010,506
All other products.....	\$48,690,082	\$30,703,648		
Amount received for repair work.....	\$3,114,692	\$1,968,296		\$3,196,922
<i>Principal kind of implements, by number.</i>				
Implements of cultivation:				
Cultivators—				
Beet.....	3,172	3,459		2,008
Small.....	409,696	239,173		207,171
Wheeled.....	435,429	313,088		295,799
Cotton scrapers.....	20,180	22,519		15,230
Harrow—				
Disk.....	193,000	104,323		97,261
Spring-tooth.....	112,832	86,408		380,259
Spike-tooth.....	394,988	202,442		
Plows—				
Disk.....	22,132	39,146		17,345
Gang.....	91,686	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Shovel.....	254,737	121,899		102,320
Steam.....	2,355	1,599		207
Sulky or wheel.....	134,896	138,899		136,105
Walking.....	1,110,006	956,898		819,022
Seeders and planters:				
Seeders—				
Broadcast.....	38,007			
Combination.....	23,963	33,546		36,892
Corn planters—				
Hand.....	96,465	86,553		129,515
Horse.....	122,790	90,929		78,335
Listers.....	44,840	23,012		26,995
Cotton planters.....	79,271	127,062		45,575
Potato planters.....	23,092	35,756		25,338
Drills—				
Corn.....	20,137	28,228		21,940
Disk.....	21,292	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Grain.....	68,611	76,929		91,635
All other.....	32,507	606		5,302
Seed sowers.....	7,847	59,910		83,283
Harvesting implements:				
Grain cradles.....	22,635	30,056		36,163
Harvesters—				
Bean.....	1,409	665		1,425
Corn.....	19,693	6,924		20,707
Grain.....	129,274	108,810		233,542
Harvesters and thrashers combined.....	543	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other.....	1,707	3,161		6,283
Hay carriers.....	45,064	85,121		54,303
Hayforks, horse.....	43,675	62,801		51,770
Hay loaders.....	34,705	27,174		7,273
Hayrakes, horse.....	266,260	236,297		216,345
Haystackers.....	17,212	8,670		12,099
Hay tedders.....	34,396	35,745		14,510
Mowers.....	359,264	273,385		398,616
Potato diggers, horse.....	25,632	11,703		( <sup>2</sup> )
Reapers.....	58,294	60,996		35,945
Seed separators:				
Clover hullers.....	437	351		661
Corn huskers.....	372	1,327		10,726
Corn huskers and abriders.....	1,240			
Corn shellers—				
Hand.....	74,223	47,189		106,381
Power.....	9,049	6,082		8,185
Fanning mills.....	33,805	22,994		30,360
Thrashers—				
Horsepower.....	822	2,237		1,314
Steam power.....	23,585	7,950		3,651

<sup>1</sup> In addition, agricultural implements, to the value of \$2,989,276, in 1909, and to the value of \$1,349,679, in 1904, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

**Electrical machinery, apparatus, and supplies.**—Table 96 summarizes the statistics of the output of electrical machinery, apparatus, and supplies, and



includes figures for such products made by establishments engaged primarily in the manufacture of other products, as well as for all products of establishments engaged primarily in the manufacture of electrical machinery, apparatus, and supplies. The value of all products was \$243,965,093 in 1909, as compared with \$105,831,865 in 1899, an increase for the decade of 130.5 per cent. Among the leading groups the highest rate of increase is for incandescent lamps, the value of which was \$3,515,118 in 1899 and \$15,714,809 in 1909.

Table 96	PRODUCT.	1909	1904	1899
	Total value.....	\$243,965,093	\$159,551,402	\$105,831,865
Dynamos:				
	Number.....	16,791	15,080	10,527
	Kilowatt capacity.....	1,405,930	996,182	578,124
	Value.....	\$13,081,048	\$11,084,234	\$10,472,576
Dynamotors, motor generators, boosters, rotary converters, and double current generators.....		\$3,154,733	\$1,740,534	\$379,747
Transformers.....		\$8,801,019	\$4,468,567	\$2,962,871
Switchboards, panel boards, and cut-out cabinets.....		\$5,971,804	\$3,766,044	\$1,846,624
Motors:				
	Total number.....	504,030	206,343	159,780
	Horsepower.....	2,733,418	1,493,012	1,221,482
	Value.....	\$32,087,482	\$22,370,626	\$19,505,504
For power—				
	Number.....	243,423	79,877	35,604
	Horsepower.....	1,683,677	678,910	515,705
	Value.....	\$18,306,451	\$13,120,948	\$7,551,480
For automobiles—				
	Number.....	2,796	1,819	3,017
	Horsepower.....	12,471	19,907	8,220
	Value.....	\$294,152	\$152,685	\$192,030
For fans—				
	Number.....	199,113	102,535	97,577
	Horsepower.....	178,033	30,796	12,766
	Value.....	\$2,450,739	\$1,168,254	\$1,055,369
For elevators—				
	Number.....	4,988	1,333	385
	Horsepower.....	63,585	13,398	6,730
	Value.....	\$1,188,653	\$638,473	\$2,523,901
For railways, and miscellaneous services, including value of parts and supplies—				
	Number.....	53,710	20,779	23,197
	Horsepower.....	795,652	750,001	678,061
	Value.....	\$9,847,457	\$7,290,266	\$8,182,724
Storage batteries, including value of parts and supplies:				
	Weight of plates in pounds.....	23,119,331	16,113,073	(*)
	Value.....	\$4,678,209	\$2,645,749	\$2,550,601
Primary batteries, including value of parts and supplies:				
	Number.....	34,333,531	6,623,162	2,654,765
	Value.....	\$5,994,261	\$1,598,144	\$1,119,444
Are lamps:				
	Number.....	123,965	195,157	158,187
	Value.....	\$1,706,959	\$1,574,422	\$1,827,771
Searchlights, projectors, and focusing lamps.....		\$935,874	\$114,795	\$225,635
Incandescent lamps.....		\$15,714,809	\$6,953,205	\$3,515,118
Carbon filament.....		\$6,157,066		
Tungsten.....		\$6,241,133	\$6,703,454	\$3,442,183
Gem, tantalum, glower, and vacuum and vapor lamps.....		\$2,715,991		
Decorative and miniature lamps, X-ray bulbs, vacuum tubes, etc.....		\$600,619	\$249,751	\$72,935
Sockets, receptacles, bases, etc.....		\$4,521,729	\$2,010,860	\$593,929
Electric-lighting fixtures of all kinds.....		\$6,128,282	\$3,294,606	\$3,750,670
Telegraph apparatus.....		\$1,957,432	\$1,111,194	\$1,642,266
Telephone apparatus.....		\$14,259,357	\$15,863,698	\$10,512,412
Insulated wires and cables.....		\$51,624,737	\$34,519,699	\$21,292,001
Electric conduits.....		\$5,098,264	\$2,416,245	\$1,066,163
Annunciators—domestic, hotel, and office.....		\$235,567	\$185,870	\$224,885
Electric clocks and time mechanisms.....		\$352,513	\$373,926	\$132,149
Fuses.....		\$1,001,719	\$868,079	\$595,497
Lightning arresters.....		\$940,171	\$587,124	
Rheostats and resistances.....		\$2,674,963	\$932,925	
Heating, cooking, and welding apparatus.....		\$1,003,038		\$1,186,878
Electric flatirons.....		\$951,074	\$395,827	
Electric measuring instruments.....		\$7,800,010	\$5,004,763	\$1,842,135
Electrical therapeutic apparatus.....		\$1,107,858	\$1,036,902	(*)
Magneto-ignition apparatus, sparks, coils, etc.....		\$6,092,343	\$678,077	(*)
Electric switches, signals, and attachments.....		\$5,377,843	\$1,451,337	\$1,129,891
Circuit fittings of all kinds.....		\$1,080,287	\$3,525,446	(*)
All other products.....		\$39,691,708	\$28,978,444	\$17,448,098

\* Includes values of electrical machinery, apparatus, and supplies made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, as follows: 1909, \$22,656,530; 1904, \$18,742,033; and 1899, \$13,397,430.

† Not reported separately.

**Ice, manufactured.**—Table 97 includes the product of all establishments engaged primarily in manufacturing ice for sale, but does not include establishments making ice for their own use. Ice made for sale by establishments engaged chiefly in some other business, such as breweries, is reported in a footnote.

The value of all products of the industry proper increased from \$13,874,513 in 1899 to \$42,953,055 in 1909, or 209.6 per cent. The quantity of ice produced increased at about the same rate, and amounted to 12,647,949 tons in 1909.

Table 97	1909	1904	1899
MATERIALS.			
Ammonia used.....	\$1,021,913	\$613,138	\$359,549
Compressor system—			
Anhydrous—			
Pounds.....	3,097,191	1,944,266	946,666
Cost.....	\$826,222	\$493,524	\$249,838
Absorption system—			
Anhydrous—			
Pounds.....	369,093	136,604	109,869
Cost.....	\$100,283	\$37,506	\$29,842
Aqua—			
Pounds.....	1,670,698	1,347,561	1,323,454
Cost.....	\$95,408	\$82,108	\$79,869
PRODUCTS.			
Total value.....	\$42,953,055	\$23,790,045	\$13,874,513
Ice:			
Tons (2,000 pounds).....	12,647,949	7,199,448	4,294,439
Value (2,000 pounds).....	\$39,889,263	\$22,450,503	\$13,303,874
Can—			
Tons (2,000 pounds).....	11,671,547	6,695,789	4,139,764
Value (2,000 pounds).....	\$37,085,533	\$21,020,547	\$12,863,160
Plate—			
Tons (2,000 pounds).....	976,402	503,659	154,675
Value (2,000 pounds).....	\$2,803,730	\$1,429,956	\$440,714
All other products.....	\$3,063,792	\$1,339,542	\$570,639

\* Includes 148,373 pounds of aqua ammonia, costing \$8,755.

† In addition, in 1909, 1,582,259 tons of ice, valued at \$4,249,700, and in 1904, 814,689 tons, valued at \$1,899,912, were produced by establishments engaged primarily in the manufacture of products other than ice.

‡ Includes, for purposes of comparison, products valued at \$93,535, not included in the general tables for this industry at census of 1900.

**Lumber and timber products.**—Beginning with 1906 an annual canvass of forest products has been made by the Bureau of the Census in cooperation with the Forest Service of the Department of Agriculture. The statistics for the year 1909 given in the following table are compiled from this annual report; those for 1904 and 1899 are from the regular census reports.

The totals for 1909 include statistics for some small neighborhood mills sawing chiefly or exclusively for local consumption, also a relatively small number of establishments using logs or bolts as material and engaged primarily in the manufacture of products other than those covered by the classified lumber and timber products industry, which classes are not represented in the totals for the other two years. Detailed statistics for the lumber and other forest-products industries will be found in the several annual reports published by the Bureau of the Census. The figures given in Table 98 can not be compared with those given in Table 110 because in the latter table the statistics cover not only the products of the sawmills, shingle and lath mills, but also the products of planing mills operated independently of sawmills, logging camps, veneer mills, and box factories.



Table 98	PRODUCT.	1909	1904	1899
	<b>Total value.....</b>	<b>\$724,705,760</b>	<b>\$465,153,662</b>	<b>\$414,058,487</b>
Lumber:	Total quantity (M feet, board measure).....	44,509,761	34,135,139	1 35,084,166
	Total value.....	\$684,479,859	\$435,708,084	1 \$390,489,873
Softwoods—	Quantity.....	33,896,959	27,353,312	26,153,063
	Value.....	\$477,345,046	\$319,835,746	\$268,481,112
Yellow pine—	Quantity.....	16,277,185	11,521,781	9,658,548
	Value.....	\$206,505,297	\$114,780,600	\$81,740,300
Western pine—	Quantity.....	1,499,985	1,290,526	944,569
	Value.....	\$23,077,854	\$14,586,149	\$9,103,256
White pine—	Quantity.....	3,900,034	5,332,704	7,742,391
	Value.....	\$70,830,131	\$79,594,717	\$98,002,555
Douglas fir—	Quantity.....	4,856,378	2,928,409	1,736,507
	Value.....	\$60,435,793	\$27,862,228	\$15,050,638
Hemlock—	Quantity.....	3,051,399	3,268,787	3,420,673
	Value.....	\$42,580,800	\$38,938,154	\$34,136,892
Spruce—	Quantity.....	1,748,547	1,303,886	1,448,091
	Value.....	\$29,561,315	\$18,289,327	\$16,322,666
Cypress—	Quantity.....	955,635	749,592	495,836
	Value.....	\$19,649,741	\$13,115,539	\$6,604,495
Redwood—	Quantity.....	521,630	519,267	360,167
	Value.....	\$7,720,124	\$6,661,499	\$3,645,608
Cedar—	Quantity.....	346,008	223,035	232,978
	Value.....	\$6,901,948	\$3,201,331	\$2,542,818
All other—	Quantity.....	740,158	215,325	113,312
	Value.....	\$10,182,043	\$2,806,402	\$1,271,884
Hardwoods—	Quantity.....	10,612,802	6,781,827	8,634,021
	Value.....	\$207,134,813	\$115,872,338	\$116,817,192
Oak—	Quantity.....	4,414,457	2,902,855	4,438,027
	Value.....	\$90,512,069	\$50,832,303	\$61,174,129
Maple—	Quantity.....	1,106,604	587,558	633,466
	Value.....	\$17,447,814	\$8,780,727	\$7,495,052
Red gum—	Quantity.....	706,945	523,990	285,417
	Value.....	\$9,334,268	\$5,693,555	\$2,747,680
Chestnut—	Quantity.....	663,891	243,537	206,688
	Value.....	\$10,703,130	\$3,356,054	\$2,764,089
Birch—	Quantity.....	452,370	224,009	132,601
	Value.....	\$7,666,186	\$3,459,501	\$1,657,621
Basswood—	Quantity.....	399,151	228,041	308,069
	Value.....	\$7,781,563	\$3,845,885	\$3,954,625
Elm—	Quantity.....	347,456	258,330	456,731
	Value.....	\$6,088,098	\$3,732,609	\$5,240,530
Cottonwood—	Quantity.....	265,600	321,574	415,124
	Value.....	\$4,794,424	\$4,797,779	\$4,303,544
Ash—	Quantity.....	291,209	169,178	269,120
	Value.....	\$7,116,089	\$3,174,861	\$4,263,599
Hickory—	Quantity.....	333,929	106,824	96,636
	Value.....	\$10,283,776	\$2,557,601	\$1,814,500
Walnut—	Quantity.....	46,108	31,455	38,681
	Value.....	\$1,972,835	\$1,435,509	\$1,411,611
Sycamore—	Quantity.....	56,511	18,002	29,715
	Value.....	\$834,612	\$236,856	\$327,933
All other—	Quantity.....	1,528,571	1,166,474	1,323,746
	Value.....	\$32,599,949	\$23,969,098	\$19,602,279
Lath:	Quantity (thousands).....	3,703,195	2,647,847	2,523,998
	Value.....	\$9,963,439	\$5,435,968	\$4,698,909
Shingles:	Quantity (thousands).....	14,907,371	14,547,477	12,102,017
	Value.....	\$30,262,462	\$24,009,610	\$18,859,705

<sup>1</sup> Includes 297,082 M feet of lumber, board measure, valued at \$5,191,569, reported as "other sawed products," and not by kinds of wood.

**Pianos and organs and materials.**—Table 99 includes the statistics for pianos and organs, and materials therefor, but does not include the products of establishments engaged primarily in the manufacture of other musical instruments. The value of all products increased from \$41,024,244 in 1899 to \$89,789,544 in 1909, or 118.9 per cent, the increase being almost

wholly in the value of pianos and player attachments for pianos. A marked feature is the gain in the number of pianos with player attachments manufactured, the output of which increased during the period 1904 to 1909 from 1,868 to 34,495, or seventeen fold. A large decrease occurred between 1904 and 1909 in the number of reed organs made.

Table 99	PRODUCT.	1909	1904	1899
	<b>Total value.....</b>	<b>\$89,789,544</b>	<b>\$66,092,630</b>	<b>\$41,024,244</b>
Pianos:	Number.....	374,154	261,197	171,011
	Value.....	\$59,501,225	\$41,476,479	\$27,002,852
Upright—	Number.....	365,413	253,825	166,760
	Value.....	\$55,462,556	\$37,815,056	\$23,301,432
Without player attachment—	Number.....	330,918	251,957	166,536
	Value.....	\$46,187,555	\$37,397,674	\$23,256,687
For or with player attachment—	Number.....	34,495	1,868	224
	Value.....	\$9,275,001	\$417,382	\$44,745
Grand—	Number.....	2 8,741	7,372	4,251
	Value.....	\$4,038,669	\$3,661,423	\$1,701,420
Player attachments made separate from pianos:	Number.....	10,898	20,391	6,158
	Value.....	\$1,474,630	\$2,004,266	\$607,873
Organs:	Number.....	65,335	113,966	107,258
	Value.....	\$5,309,016	\$6,152,032	\$5,217,261
Pipe—	Number.....	1,224	901	564
	Value.....	\$2,713,587	\$1,989,979	\$1,177,021
Reed—	Number.....	64,111	113,065	106,694
	Value.....	\$2,595,429	\$4,162,053	\$4,040,240
Parts and materials.....		\$20,417,762	\$12,626,892	
All other products.....		\$3,086,911	\$3,832,961	\$8,196,238

<sup>1</sup> In addition, in 1909, parts and materials to the value of \$680,188; in 1904, 1,695 organs, valued at \$149,114; and in 1899, 250 pianos, valued at \$37,610; and 1,144 organs, valued at \$59,508, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Includes a few pianos with player attachments.

**Paper and wood pulp.**—Table 100 includes statistics for all establishments engaged in the manufacture of wood pulp and in the manufacture of paper, either separately or in conjunction. The total production of wood pulp in 1909 was 2,495,523 tons; in 1904, 1,921,768 tons; and in 1899, 1,179,535 tons. The percentage of increase for the decade was 111.6. Sulphite fiber shows the highest rate of increase, 144.6 per cent. An increasing proportion of the wood pulp is made by establishments which themselves consume it in making paper; in 1909, 63.5 per cent was so consumed by the establishments making it.

The value of all products, which includes some duplication, increased from \$127,326,162 in 1899 to \$267,656,964 in 1909, or 110.2 per cent. The output of paper products increased from 2,167,593 tons in 1899 to 4,216,708 tons in 1909, or 94.5 per cent, and their value from \$107,909,046 to \$232,741,049, or 115.7 per cent. Paper stock used for which quantities are reported aggregated 4,588,160 tons in 1909, of which wood pulp formed 61.6 per cent; old and waste paper, 21.4 per cent; rags, 7.8 per cent; straw, 6.6 per cent; and manila stock, 2.6 per cent. The *ton of 2,000 pounds* is used for showing quantities.



Table 100	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>					<b>PRODUCTS—continued.</b>		
Total cost.....	\$165,442,341	\$111,251,478	\$70,530,236		Wrapping paper—Continued.		
Pulp wood.....	\$33,772,475	\$20,800,871	\$9,837,516		Bogus or wood manila, all grades—		
Wood pulp, purchased:					Tons.....	367,932	228,371
Tons.....	1,241,914	877,702	644,006		Value.....	\$19,777,707	\$10,099,772
Cost.....	\$43,861,337	\$27,633,164	\$18,360,464		All other—		
Ground—					Tons.....	179,855	177,870
Tons.....	452,849	317,286	261,962		Value.....	\$10,202,035	\$8,774,804
Cost.....	\$9,487,308	\$5,754,259	\$4,361,211		Boards:		
Soda fiber—					Wood pulp—		
Tons.....	154,626	120,978	94,042		Tons.....	71,036	60,863
Cost.....	\$6,862,864	\$5,047,105	\$3,430,809		Value.....	\$2,639,496	\$2,347,250
Sulphite fiber—					Straw—		
Tons.....	626,029	433,160	273,194		Tons.....	171,789	167,278
Cost.....	\$27,184,726	\$16,567,122	\$10,112,189		Value.....	\$3,750,851	\$4,367,560
Other chemical fiber—					News—		
Tons.....	8,410	6,278	14,808		Tons.....	74,096	38,560
Cost.....	\$326,239	\$264,678	\$465,255		Value.....	\$2,215,469	\$1,174,216
Rags, including cotton and flax					All other—		
waste and sweepings:					Tons.....	514,208	253,950
Tons.....	357,470	294,552	234,514		Value.....	\$17,539,768	\$9,070,531
Cost.....	\$10,721,559	\$8,864,607	\$6,595,427		Other paper products:		
Old and waste paper:					Tissues—		
Tons.....	963,882	588,543	356,193		Tons.....	77,745	43,925
Cost.....	\$13,691,120	\$7,430,335	\$4,869,409		Value.....	\$8,553,654	\$5,056,438
Manila stock, including jute bagging,					Blotting—		
rope, waste, threads, etc.:					Tons.....	9,577	8,702
Tons.....	117,080	107,029	99,301		Value.....	\$1,186,180	\$1,046,790
Cost.....	\$3,560,033	\$2,502,332	\$2,437,256		Building, roofing, asbestos, and		
Straw:					sheathing—		
Tons.....	303,137	304,585	367,305		Tons.....	225,824	145,024
Cost.....	\$1,460,282	\$1,502,886	\$1,395,659		Value.....	\$9,251,368	\$4,845,628
All other materials.....	\$58,375,515	\$42,517,283	\$27,025,505		Hanging—		
					Tons.....	92,158	62,606
<b>PRODUCTS.</b>					Value.....	\$4,431,514	\$3,013,464
Total value.....	\$267,656,964	\$188,715,189	\$127,326,162		Miscellaneous—		
News paper:					Tons.....	96,577	106,296
In rolls for printing—					Value.....	\$6,869,169	\$6,729,830
Tons.....	1,091,017	840,802	454,572		Wood pulp made for sale or for con-		
Value.....	\$42,807,064	\$32,763,308	\$15,754,992		sumption in mills other than where		
In sheets for printing—					produced:		
Tons.....	84,537	72,020	114,640		Ground—		
Value.....	\$4,048,496	\$3,143,152	\$4,336,882		Tons.....	310,747	273,400
Book paper:					Value.....	\$5,649,466	\$4,323,495
Book—					Soda fiber—		
Tons.....	575,616	434,500	282,093		Tons.....	155,844	130,366
Value.....	\$42,846,674	\$31,186,728	\$19,466,804		Value.....	\$6,572,152	\$5,159,615
Coated—					Sulphite fiber—		
Tons.....	95,213	(?)	(?)		Tons.....	444,255	376,940
Value.....	\$9,413,961	(?)	(?)		Value.....	\$17,955,748	\$13,661,464
Plate, lithograph, map, wood-					All other products.....	\$4,738,549	\$1,924,195
cut, etc.—							
Tons.....	6,498	19,837	22,366		<b>Wood pulp.</b>		
Value.....	\$555,352	\$1,458,343	\$2,018,958		Quantity produced (including that		
Cover—					used in mills where manufac-		
Tons.....	17,578	22,150	18,749		tured), total tons.....	2,495,523	1,921,768
Value.....	\$1,982,833	\$2,023,986	\$1,665,376		Ground, tons.....	1,179,266	968,976
Cardboard, bristol board, card mid-					Soda fiber, tons.....	288,626	196,770
dies, tickets, etc.—					Sulphite fiber, tons.....	1,017,631	756,022
Tons.....	51,449	39,060	28,494		<b>EQUIPMENT.</b>		
Value.....	\$3,352,151	\$2,764,444	\$1,719,813		Paper machines:		
Fine paper:					Total number.....	1,480	1,369
Writing—					Capacity, yearly, tons.....	5,293,397	3,857,903
Tons.....	169,125	131,904	90,204		Fourdrinier—		
Value.....	\$24,906,102	\$19,321,045	\$12,222,870		Number.....	804	752
All other—					Capacity per 24 hours, tons..	10,508	8,569
Tons.....	29,088	14,898	22,503		Cylinder—		
Value.....	\$4,110,536	\$2,928,125	\$3,673,104		Number.....	676	617
Wrapping paper:					Capacity per 24 hours, tons..	6,316	4,740
Manila (rope, jute, tag, etc.)—					Pulp:		
Tons.....	73,731	86,826	89,419		Grinders, number.....	1,435	1,362
Value.....	\$6,989,436	\$6,136,080	\$5,929,764		Digesters, total number.....	542	517
Heavy (mill wrappers, etc.)—					Sulphite fiber, number.....	348	309
Tons.....	108,561	96,992	82,875		Soda fiber, number.....	194	208
Value.....	\$4,380,794	\$4,035,588	\$4,143,240		Capacity, yearly, tons of pulp....	3,405,621	2,644,753
Straw—					Ground, tons.....	1,809,685	1,515,088
Tons.....	32,988	54,232	91,794		Sulphite, tons.....	1,250,983	885,092
Value.....	\$870,419	\$1,389,348	\$2,027,518		Soda, tons.....	344,953	244,573

<sup>1</sup> In addition, paper and wood pulp to the value of \$2,567,267 was made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

<sup>3</sup> Not reported.

**Phonographs and graphophones.**—The following table gives comparative statistics for the manufacture of phonographs and graphophones. The value of all products increased from \$2,246,274 in 1899 to \$11,725,996 in 1909, or over fivefold, the bulk of the increase being in the first half of the decade. An important feature of the industry is the manufacture of records and blanks, the value of which formed 42.7 per cent of the total value of products in 1909, 45.7 per cent in 1904, and 24 per cent in 1899.

Table 101	PRODUCT.	1909	1904	1899
Total value.....		\$11,725,996	\$10,237,075	\$2,246,274
Phonographs and graphophones:				
Number.....	344,681	(?)	(?)	(?)
Value.....	\$5,406,684	\$2,966,343	\$1,240,503	
Records and blanks:				
Number.....	27,183,939	(?)	(?)	(?)
Value.....	\$5,007,104	\$4,678,547	\$539,370	
All other products.....		\$1,312,208	\$2,592,185	\$466,401

<sup>1</sup> In addition, records and parts to the value of \$31,889 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported.



**Printing and publishing.**—The statistics for printing and publishing given in the following table include book and job printing and publishing; the printing and publishing of music; newspapers and periodicals; bookbinding and blank-book making; engraving, including plate printing; and lithographing.

Under the head of job printing is included the job printing done by newspaper, periodical, and other establishments, as well as that of regular job-printing establishments. The value of products reported for the bookbinding and blank-book industry includes the value of all products of concerns engaged primarily in these branches, as well as the value of bookbinding and blank books reported by printing and publishing establishments. In like manner there is included under electrotyping, engraving, and lithographing the value of all products of establishments engaged primarily in these branches.

The value of all products was \$737,876,087 in 1909,

\$552,473,353 in 1904, and \$395,186,629 in 1899, the rate of increase for the period 1899–1909 being 86.7 per cent. The income of newspapers and periodicals from subscriptions, sales, and advertising was \$337,596,288 in 1909, as compared with \$175,789,610 in 1899, the rate of increase for the decade being 92 per cent. Of the total income from these sources, that from advertising formed 60 per cent in 1909 and 54.5 per cent in 1899, having increased much faster than that from subscriptions and sales.

Newspapers and periodicals increased in number from 18,793 in 1899 to 22,141 in 1909, or 17.8 per cent, and their aggregate circulation increased 53.9 per cent. The average circulation per issue was 7,428 in 1909, as compared with 6,866 in 1904 and 5,688 in 1899. The greatest relative increases in circulation during the decade were reported for dailies and monthlies. In the circulation of the latter, however, there was a decrease between 1904 and 1909.

Table 102	PRODUCT.	1909	1904	1899	PRODUCT.	1909	1904	1899
	<b>Total value.....</b>	<b>\$737,876,087</b>	<b>\$552,473,353</b>	<b>\$395,186,629</b>				
	<b>Publications:</b>				<b>NEWSPAPERS AND PERIODICALS—</b>			
	Newspapers and periodicals.....	\$337,596,288	\$256,816,282	\$175,789,610	continued.			
	Subscriptions and sales..	\$135,063,043	\$111,298,691	\$79,928,483	<i>By character—Continued.</i>			
	Advertising.....	\$202,533,245	\$145,517,591	\$95,861,127	Commerce, finance, insurance, railroads, etc.—			
	Newspapers.....	\$232,993,094	( <sup>1</sup> )	( <sup>1</sup> )	Number.....	264	364	190
	Subscriptions and sales..	\$84,438,702			Aggregate circulation.....	1,411,738	2,470,832	( <sup>2</sup> )
	Advertising.....	\$148,554,392			Trade journals generally—			
	Periodicals.....	\$104,603,194	( <sup>1</sup> )	( <sup>1</sup> )	Number.....	685	627	520
	Subscriptions and sales..	\$50,624,341			Aggregate circulation.....	3,572,441	3,428,596	( <sup>2</sup> )
	Advertising.....	\$53,978,853			General literature, including monthly and quarterly magazines—			
	Ready prints, patent insides and outsides.....	\$2,293,077	( <sup>1</sup> )		Number.....	340	328	239
	Books and pamphlets—				Aggregate circulation.....	31,322,035	30,615,577	( <sup>2</sup> )
	Published, or printed and published.....	\$62,930,394	\$53,312,492		Medicine and surgery—			
	Printed for publication by others.....	\$10,209,509	( <sup>1</sup> )		Number.....	197	192	111
	Sheet music and books of music—				Aggregate circulation.....	931,584	1,054,948	( <sup>2</sup> )
	Published or printed and published.....	\$5,510,698	\$4,673,685	\$219,397,019	Law—			
	Printed for publication by others.....	\$1,000,966	( <sup>1</sup> )		Number.....	56	81	62
	Products for sale and in execution of orders:				Aggregate circulation.....	151,346	194,035	( <sup>2</sup> )
	Job printing.....	\$207,940,227	\$149,262,070		Science and mechanics—			
	Book binding and blank books..	\$50,552,808	\$40,788,768		Number.....	139	83	66
	Electrotyping, engraving, and lithographing.....	\$47,956,979	\$35,018,234		Aggregate circulation.....	1,421,955	525,523	( <sup>2</sup> )
	All other products.....	\$11,885,141	\$12,601,822		Fraternal organizations—			
					Number.....	419	450	200
					Aggregate circulation.....	6,982,235	5,356,427	( <sup>2</sup> )
					Education and history—			
					Number.....	202	173	120
					Aggregate circulation.....	1,879,383	2,119,797	( <sup>2</sup> )
					Society, art, music, fashions, etc.—			
					Number.....	164	155	88
					Aggregate circulation.....	13,445,661	15,289,431	( <sup>2</sup> )
					College and school periodicals—			
					Number.....	271	178	139
					Aggregate circulation.....	330,705	248,240	( <sup>2</sup> )
					Miscellaneous—			
					Number.....	139	538	293
					Aggregate circulation.....	1,087,937	4,860,518	( <sup>2</sup> )
					<i>By language:</i>			
					English—			
					Number.....	20,744	20,599	17,761
					Aggregate circulation.....	155,432,243	142,441,068	( <sup>2</sup> )
					Foreign (including foreign and English)—			
					Number.....	1,397	1,249	1,032
					Aggregate circulation.....	9,030,797	7,568,655	( <sup>2</sup> )
					French—			
					Number.....	39	46	31
					Aggregate circulation.....	446,739	252,135	( <sup>2</sup> )
					German—			
					Number.....	692	700	633
					Aggregate circulation.....	4,434,146	3,922,227	( <sup>2</sup> )
					Italian—			
					Number.....	104	63	35
					Aggregate circulation.....	500,475	319,450	( <sup>2</sup> )
					Scandinavian—			
					Number.....	161	162	115
					Aggregate circulation.....	1,118,601	1,149,619	( <sup>2</sup> )
					Letto Slavic—			
					Number.....	169	128	75
					Aggregate circulation.....	917,649	605,957	( <sup>2</sup> )
					All other—			
					Number.....	232	150	143
					Aggregate circulation.....	1,613,187	1,319,237	( <sup>2</sup> )

<sup>1</sup> Not reported separately.

<sup>2</sup> Included with circulation of dailies.

<sup>3</sup> Not reported.



The statistics in regard to the number of books and pamphlets published in 1909, classified by character, are given below. Comparative statistics for earlier censuses are not available.

Table 103 BOOKS AND PAMPHLETS.	Titles or editions.	Volumes.	Copies.
Total number published.....	46,739	54,620	161,361,844
Biography, correspondence.....	554	616	657,464
Description, geography, travel.....	847	952	4,540,647
Domestic and rural.....	330	336	2,023,193
Education.....	10,390	12,159	41,636,847
Fiction.....	14,606	15,772	46,942,399
Fine arts, illustrated gift books.....	541	587	2,849,371
History.....	613	954	2,923,187
Humor and satire.....	208	211	885,262
Juvenile.....	4,167	4,202	10,184,030
Law.....	535	862	1,496,194
Literature and collected works.....	2,047	3,841	5,037,972
Medical, hygiene.....	681	738	1,519,480
Philosophy.....	222	252	265,077
Physical and mathematical science.....	291	307	356,413
Poetry and the drama.....	1,387	1,574	1,980,824
Political and social science.....	658	689	1,862,429
Scientific and similar associations.....	1,082	1,141	1,258,562
Sports and amusements.....	412	423	2,430,074
Theology and religion.....	5,096	6,539	23,608,230
Useful arts.....	512	538	1,104,599
Works of reference.....	1,560	1,927	7,799,590

Shipbuilding, including boat building.—The following table shows the value of work done on the different classes of water craft during the several census years, not including that done in Government establishments, and also the value of repair work and all other products of the shipbuilding industry. The total value of products was lower in 1909 than in 1904 or 1899.

Table 104 PRODUCT. <sup>1</sup>	1909	1904	1899
Total value.....	\$73,360,315	\$82,769,239	\$74,532,277
Work done during the year on vessels and boats.....	42,310,925	56,121,227	37,719,308
Vessels of 5 gross tons and over.....	37,718,018	53,119,935	35,750,473
Boats of less than 5 gross tons.....	4,592,907	3,001,292	1,968,835
Steam.....	20,800	.....	.....
Motor, gasoline, electric, and other.....	3,155,375	1,879,288	1,059,365
Sailboats, rowboats, canoes, scows, etc.....	1,416,732	1,122,004	909,470
Repair work.....	26,678,643	22,829,040	23,134,436
All other products.....	4,370,747	3,818,972	13,678,533

<sup>1</sup> Not including work done in Government shipyards, valued in 1909 at \$25,872,033; in 1904, at \$17,265,469; and in 1899, at \$11,022,312.

<sup>2</sup> In addition, the following items were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation: Work done on vessels of 5 tons and over, launched, \$418,908; vessels building but not launched, \$30,184; boats of under 5 tons, \$145,155; and other boat products and repairs, \$182,462; or a total of \$776,706.

<sup>3</sup> In addition, the following items were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation: Work done on vessels of 5 tons and over, launched, \$463,018; boats of under 5 tons, \$147,842; and other boat products and repairs, \$46,782; or a total of \$657,342.

The value of the products of governmental shipyards in 1909 was \$25,872,033; in 1904, \$17,265,469; and in 1899, \$11,022,312. Thus the total value of products reported for all establishments, governmental and private, was \$99,232,348 in 1909, \$100,034,708 in 1904, and \$85,554,589 in 1899. The increase of \$13,677,759, or 16 per cent, shown for the period 1899-1909, was due entirely to work of governmental establishments.

The following table shows the number of vessels of each class launched during the census years 1909, 1904, and 1899. These figures are not strictly comparable with those giving values presented in the preceding table, since the former cover all work done during the year, both on vessels launched during the year and on those not yet launched at its close. The number of vessels of nearly every class was less in 1909 than at the two preceding censuses, but the number of boats increased greatly, the number made by all establishments aggregating 8,577, of which number 97.3 per cent were gasoline motor boats.

Table 105 CLASS OF VESSELS.	1909	1904	1899
Vessels of 5 gross tons and over launched during the year: <sup>1</sup>			
Number.....	21,584	22,114	2,081
Gross tons.....	467,219	504,020	687,159
Net tons.....	381,198	424,705	542,324
Steel vessels—			
Number.....	158	155	134
Gross tons.....	254,966	154,314	262,516
Net tons.....	193,144	106,826	186,509
Steam—			
Number.....	96	122	123
Gross tons.....	219,617	140,047	237,379
Net tons.....	159,297	93,365	164,313
Motor—			
Number.....	15	.....	.....
Gross tons.....	2,466	.....	.....
Net tons.....	2,078	.....	.....
Sail, with and without auxiliary—			
Number.....	3	8	6
Gross tons.....	2,046	4,779	21,085
Net tons.....	1,735	4,591	18,348
Unrigged—			
Number.....	44	25	5
Gross tons.....	30,837	9,488	4,052
Net tons.....	30,034	8,870	3,848
Wooden vessels—			
Number.....	1,426	1,959	1,947
Gross tons.....	212,233	340,706	424,643
Net tons.....	188,054	317,882	355,815
Steam—			
Number.....	85	186	396
Gross tons.....	15,016	35,048	48,932
Net tons.....	9,662	23,365	32,845
Motor—			
Number.....	430	307	.....
Gross tons.....	6,923	3,157	.....
Net tons.....	5,146	2,333	.....
Sail, with and without auxiliary—			
Number.....	116	341	642
Gross tons.....	15,413	59,836	59,209
Net tons.....	12,955	50,483	51,772
Unrigged—			
Number.....	795	1,125	909
Gross tons.....	174,881	251,065	316,502
Net tons.....	160,291	241,701	271,198
Boats of less than 5 gross tons, number: <sup>4</sup>	8,577	3,499	1,687
Steam.....	8	.....	.....
Motor.....	8,569	3,499	1,687
Gasoline.....	8,342	( <sup>5</sup> )	( <sup>5</sup> )
Electric.....	12	( <sup>5</sup> )	( <sup>5</sup> )
Other.....	215	( <sup>5</sup> )	( <sup>5</sup> )

<sup>1</sup> Not including vessels launched in Government shipyards as follows: In 1909, 3 steel and 28 wooden vessels, the steel vessels having a total of 350 gross tons and the wooden a total of 1,709 gross tons, and in 1904, 17 steel and 14 wooden vessels, the steel vessels having a total of 23,850 gross tons and the wooden a total of 3,402 gross tons.

<sup>2</sup> In addition, there were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, 8 steel and 14 wooden vessels, the steel vessels having a total of 5,429 gross tons and the wooden a total of 7,106 gross tons.

<sup>3</sup> In addition, there were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, 3 steel and 131 wooden vessels, the steel vessels having a total of 408 gross tons and the wooden a total of 21,919 gross tons.

<sup>4</sup> Not including 53 boats built in Government shipyards in 1909 and 52 in 1904.

<sup>5</sup> In addition, 412 boats were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>6</sup> In addition, 365 boats were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>7</sup> Not reported separately.



**Laundries.**—Steam laundries are not generally considered as manufacturing establishments, and therefore statistics for them have been excluded from prior censuses. Since the industry has, however, developed so rapidly, large amounts of capital now being invested, and many wage earners being employed, it should no longer be omitted from the industrial census. The establishments are conducted according to factory methods, and therefore the statistics are associated with those for the manufacturing industries of the Thirteenth Census. They are not included, however, in the general tables or in the totals for manufacturing industries.

During the year 1909 there were in the United States 5,186 laundries operated by the use of mechanical power. The capital reported by these establishments as invested in the industry amounted to \$68,935,000. In addition, such establishments rent a great deal of property, the annual rental paid by laundries for plant and equipment amounting in 1909 to \$2,277,000. The value of the work done was \$104,680,086.

In addition to ascertaining the average number of wage earners employed during the entire year, the census calls for the actual number of wage earners, by sex and age periods, employed on December 15, 1909, or the nearest representative day. On that date there were employed 112,064 wage earners, of whom 31,947, or 28.5 per cent, were men; 79,152, or 70.6 per cent, women; and 965, or 0.9 per cent, children under 16 years of age.

The following statement summarizes the statistics:

Number of establishments.....	5,186
Capital invested.....	\$68,935,000
Cost of materials used.....	\$17,696,000
Salaries and wages, total.....	\$53,007,747
Salaries.....	\$8,180,769
Wages.....	\$44,826,978
Miscellaneous expenses.....	\$14,483,497
Value of products or amount received for work done..	\$104,680,086

**Employees:**

Number of salaried officials and clerks.....	9,170
Average number of wage earners employed during the year.....	109,484
Actual number of wage earners employed on Dec. 15, 1909, or nearest representative day..	112,064
Men 16 years and over.....	31,947
Women 16 years and over.....	79,152
Children under 16 years—	
Male.....	274
Female.....	691
Primary power used, horsepower.....	123,477

The number of wage earners employed each month and the per cent which this number represented of the greatest number employed in laundries in any month were as follows:

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	103,746	90.6	July.....	114,211	99.7
February.....	103,937	90.7	August.....	114,539	100.0
March.....	104,970	91.6	September.....	113,738	99.3
April.....	105,422	92.9	October.....	111,500	97.3
May.....	108,149	94.4	November.....	110,479	96.5
June.....	111,313	97.2	December.....	110,805	96.7

The different kinds of primary power, the number of engines, and the horsepower used in laundries during 1909 are shown in the following tabular statement:

KIND.	Number of engines or motors.	Horsepower.
<b>Primary power, total.....</b>		<b>123,477</b>
Owned.....	4,527	109,870
Steam.....	4,119	105,272
Gas.....	379	4,073
Water wheels.....	18	456
Water motors.....	11	69
Rented.....		13,607
Electric.....	2,401	11,157
Other.....		2,450

The kind and amount of fuel used in laundries are shown in the following statement:

KIND.	Unit.	Quantity.
Anthracite coal.....	Tons (2,240 lbs.) ..	178,640
Bituminous coal.....	Tons (2,000 lbs.) ..	886,734
Coke.....	Tons (2,000 lbs.) ..	14,785
Wood.....	Cords.....	94,723
Oil.....	Barrels.....	372,586
Gas.....	1,000 feet.....	2,729,324

**Small custom sawmills and gristmills.**—Statistics for small custom sawmills and gristmills are not included in the general tables or in the totals for manufacturing industries, but are presented in the following summary. The cost of materials and value of products for gristmills include an estimate of the grain ground, but it was impossible to estimate the value of the lumber sawed in the custom sawmills.

	Small custom sawmills.	Small custom gristmills.
Number of establishments.....	4,133	11,961
Persons engaged in industry.....	12,836	22,506
Proprietors and firm members.....	5,702	15,435
Salaried employees.....	44	147
Wage earners (average number).....	7,090	7,014
Primary horsepower.....	93,280	272,763
Capital.....	\$5,655,145	\$21,258,510
Expenses.....	2,100,271	48,110,505
Services.....	1,696,152	1,186,540
Materials.....	97,574	146,314,868
Miscellaneous.....	306,545	609,157
Value of products.....	4,515,881	* 55,115,533

\* Includes estimated value of all grain ground.

\* Includes estimate of value of products from all grain ground. In addition, custom ground products, valued at \$1,170,751, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.



## ABSTRACT OF THE CENSUS—MANUFACTURES.

## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899.

NOTES.—The figures for some industries do not represent the total production, because important establishments that manufacture the same class of products may be included in other industries. (See Introduction.)

Primary horsepower includes power generated in manufacturing establishments plus electric and other power rented from outside sources; it does not include electric power generated by primary units of the establishments reporting.

In the statistics of power for 1899 there is a difference of 154,723 horsepower between the total and the sum of the figures for the various industries. This is due to the impossibility of making correct revision of the figures for each industry for comparison with 1904 and 1909.

[A minus sign (—) denotes decrease.]

Table 110

Table 110		Cen- sus.	Num- ber of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).	PER CENT OF INCREASE.	
INDUSTRY.	Total.			Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (aver- age num- ber).								Value of prod- ucts.	
																Expressed in thousands.
All industries.....	1909	268,491	7,678,578	273,265	790,267	6,615,046	18,675,376	\$18,428,270	\$938,575	\$3,427,038	\$12,142,791	\$20,672,052	\$8,529,261	21.0	39.7	
	1904	216,180	6,213,612	225,673	519,556	5,468,383	13,487,707	12,675,581	874,439	2,610,445	8,500,208	14,793,903	6,293,695	16.0	29.7	
	1899	207,514	.....	.....	364,120	4,712,763	10,097,893	8,975,256	380,771	2,008,361	6,575,851	11,406,927	4,831,076	.....	.....	
Agricultural implements.	1909	640	60,229	465	9,213	50,551	100,601	256,281	10,140	28,609	60,307	146,329	86,022	6.7	30.6	
	1904	648	55,089	496	7,199	47,394	89,738	196,741	7,573	25,003	48,281	112,007	63,726	1.7	10.7	
	1899	715	.....	.....	10,046	46,582	70,646	157,708	8,363	22,451	43,945	101,207	57,262	.....	.....	
Artificial flowers and feathers and plumes.	1909	412	11,583	520	1,047	10,016	334	9,093	1,160	3,974	13,627	23,981	10,354	130.6	357.0	
	1904	213	4,913	289	281	4,343	184	2,568	232	1,397	2,014	5,247	3,233	-18.5	-16.6	
	1899	224	.....	.....	285	5,331	113	3,633	291	1,561	2,763	6,293	3,530	.....	.....	
Artificial stone <sup>1</sup> .....	1909	3,439	15,202	4,208	1,037	9,957	12,185	16,010	785	5,342	7,043	18,596	11,553	297.3	350.5	
	1904	477	3,417	571	340	2,506	2,776	3,316	261	1,403	1,430	4,128	2,698	.....	.....	
Artists' materials.....	1909	46	865	25	182	658	1,628	1,730	202	307	1,360	2,340	980	140.1	105.4	
	1904	28	372	30	68	274	568	876	67	137	687	1,139	452	37.0	129.2	
	1899	21	.....	.....	32	200	289	377	38	79	249	497	248	.....	.....	
Automobiles, including bodies and parts.	1909	743	85,359	405	9,233	75,721	75,550	173,37	9,479	48,694	131,646	249,202	117,556	528.4	729.7	
	1904	178	13,333	103	1,181	12,049	10,109	23,334	1,257	7,159	13,151	30,034	16,883	437.7	532.6	
	1899	57	.....	.....	268	2,241	.....	5,769	295	1,321	1,804	4,748	2,944	.....	.....	
Awnings, tents, and sails.	1909	621	5,747	648	857	4,242	2,022	7,865	809	2,188	8,377	14,499	6,122	23.6	28.7	
	1904	390	4,406	442	532	3,432	1,105	4,793	507	1,757	6,670	11,269	4,599	2.9	23.2	
	1899	340	.....	.....	416	3,335	921	3,537	325	1,569	5,228	9,144	3,916	.....	.....	
Axle grease.....	1909	38	334	13	145	176	492	935	155	88	828	1,481	653	47.9	68.5	
	1904	25	196	22	55	119	210	608	55	62	368	879	511	-6.3	22.4	
	1899	29	.....	.....	85	127	181	577	83	55	360	718	358	.....	.....	
Babbitt metal and solder.	1909	109	1,491	66	528	897	2,293	7,418	739	561	16,270	19,768	3,498	57.6	50.9	
	1904	75	882	70	243	569	1,138	4,129	265	338	10,864	13,100	2,236	6.4	42.5	
	1899	51	.....	.....	145	535	999	3,116	172	285	7,998	9,191	1,193	.....	.....	
Bags, other than paper...	1909	109	8,838	72	798	7,968	6,855	24,625	1,068	2,942	46,364	54,882	8,518	39.3	46.7	
	1904	79	6,308	54	532	5,722	4,522	12,387	602	1,829	30,758	37,399	6,641	45.9	90.3	
	1899	73	.....	.....	336	3,922	1,755	7,418	379	1,102	16,439	19,652	3,213	.....	.....	
Bags, paper.....	1909	74	3,683	42	429	3,212	3,885	10,780	714	1,306	10,355	15,698	5,343	29.9	55.6	
	1904	62	2,886	53	360	2,473	2,927	11,441	405	930	6,595	10,087	3,492	24.3	48.4	
	1899	63	.....	.....	340	1,989	2,148	6,917	369	628	4,499	6,799	2,300	.....	.....	
Baking powders and yeast.	1909	144	3,531	110	1,266	2,135	3,335	33,647	1,710	1,046	9,338	20,775	11,437	-12.0	9.1	
	1904	164	3,355	150	756	2,449	2,965	13,233	939	1,042	8,940	19,043	10,103	26.4	30.7	
	1899	191	.....	.....	749	1,938	2,446	8,338	835	717	7,127	14,568	7,441	.....	.....	
Baskets, and rattan and willow ware.	1909	456	5,419	476	279	4,664	7,196	4,199	244	1,747	2,335	5,695	3,300	-8.7	9.8	
	1904	486	5,867	525	236	5,106	6,252	3,600	203	1,731	1,803	5,187	3,384	21.1	42.7	
	1899	454	.....	.....	182	4,217	5,997	2,844	140	1,213	1,335	3,636	2,301	.....	.....	
Beet sugar.....	1909	58	8,389	1	1,184	7,204	57,202	129,629	1,769	4,808	27,265	48,122	20,857	81.8	97.3	
	1904	51	4,726	.....	763	3,963	35,490	55,923	1,005	2,487	14,487	24,394	9,907	101.2	233.1	
	1899	30	.....	.....	350	1,970	14,460	20,142	357	1,092	4,804	7,324	2,520	.....	.....	
Belting and hose, leather.	1909	139	4,370	100	1,264	3,006	5,638	17,457	1,502	1,861	15,623	23,692	8,069	43.7	66.6	
	1904	117	2,800	94	614	2,092	3,220	10,785	787	1,165	9,317	14,220	4,903	25.5	33.9	
	1899	104	.....	.....	443	1,667	2,162	7,408	485	914	7,500	10,623	3,123	.....	.....	
Belting and hose, woven and rubber.	1909	46	7,304	11	974	6,319	20,547	24,260	1,384	2,956	14,505	24,729	10,224	43.9	39.0	
	1904	39	5,019	15	614	4,390	13,491	15,909	984	2,057	10,787	17,791	7,004	116.8	158.4	
	1899	25	.....	.....	231	2,025	5,612	6,020	380	982	4,528	6,886	2,358	.....	.....	
Bicycles, motorcycles, and parts.	1909	95	5,017	78	502	4,437	5,932	9,780	582	2,908	5,083	10,699	5,616	33.7	107.6	
	1904	101	3,761	81	361	3,319	5,730	5,883	351	1,971	2,628	5,153	2,525	-81.1	-83.9	
	1899	312	.....	.....	2,034	17,525	19,847	29,784	1,753	8,190	16,792	31,916	15,124	.....	.....	
Billiard tables and ma- terials.	1909	54	1,776	48	233	1,495	2,642	4,705	332	1,011	3,369	5,878	2,509	87.8	164.4	
	1904	48	964	52	116	796	631	1,618	151	501	937	2,223	1,286	75.7	34.9	
	1899	74	.....	.....	88	453	277	884	105	278	729	1,648	919	.....	.....	
Blacking and cleansing and polishing prepara- tions.	1909	501	4,407	434	1,556	2,417	3,977	7,557	1,780	1,146	6,962	14,679	7,717	35.6	60.7	
	1904	294	2,786	281	723	1,782	2,798	4,560	774	738	4,383	8,651	4,268	1.4	29.2	
	1899	275	.....	.....	686	1,758	1,873	3,662	713	634	3,152	6,698	3,546	.....	.....	
Bluing.....	1909	82	545	94	138	313	242	556	112	114	494	1,074	580	51.9	58.2	
	1904	56	306	53	47	206	284	570	45	77	266	679	413	-6.4	17.9	
	1899	65	.....	.....	54	220	116	415	41	79	245	576	331	.....	.....	
Bone, carbon, and lamp black.	1909	27	302	7	67	228	1,023	1,842	78	149	445	1,093	648	14.0	68.7	
	1904	25	258	11	47	200	1,085	1,663	48	105	203	648	445	135.3	80.0	
	1899	15	.....	.....	21	85	365	782	24	46	106	360	254	.....	.....	
Boots and shoes, includ- ing cut stock and find- ings.	1909	1,918	215,923	1,838	15,788	198,297	96,302	222,324	18,629	98,463	332,738	512,798	180,060	23.7	43.4	
	1904	1,895	171,940	2,128	9,518	160,294	63,968	136,892	9,412	73,072	225,288	357,688	132,400	6.0	23.3	
	1899	2,253	.....	.....	8,348	151,231	55,489	110,363	8,150	61,924	191,456	290,047	98,591	.....	.....	

<sup>1</sup> Included in "marble and stone" in 1899.



## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.		Cen-sus.	Num-ber of estab-lish-ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Sala-ries.	Wages.	Cost of materials.	Value of products.	Value added by manu-facture (value of products less cost of mate-rials).	PER CENT OF INCREASE.	
INDUSTRY.	Total.			Pro-prietors and firm mem-bers.	Salaried em-ployees.	Wage earners (average number).	Wage earners (average number).								Value of products.	
																Expressed in thousands.
Boots and shoes, rubber..	1909	22	18,899	.....	1,287	17,612	25,903	\$43,905	\$1,415	\$8,544	\$29,577	\$49,721	\$20,144	—7.3	—29.0	
	1904	22	19,815	2	822	18,991	26,084	39,442	874	8,867	32,000	70,065	38,065	32.0	70.5	
	1899	22	.....	.....	483	14,391	25,017	33,668	597	6,427	22,683	41,090	18,407	.....	.....	
Boxes, cigar.....	1909	274	6,852	301	436	6,115	6,049	5,403	471	2,234	4,313	8,491	4,178	—2.7	9.1	
	1904	297	7,036	384	370	6,282	5,548	4,457	333	2,120	3,810	7,786	3,976	36.3	32.1	
	1899	315	.....	.....	216	4,609	4,274	3,288	172	1,440	3,061	5,857	2,796	.....	.....	
Boxes, fancy and paper..	1909	949	43,568	815	3,239	39,514	23,323	35,475	3,709	14,015	25,716	54,450	28,734	23.2	47.7	
	1904	796	35,194	786	2,326	32,082	15,117	22,691	2,313	10,308	16,686	36,867	20,181	16.0	35.0	
	1899	729	.....	.....	1,368	27,653	9,286	14,979	1,269	8,152	11,765	27,316	15,551	.....	.....	
Brass and bronze prod-ucts.	1909	1,021	45,441	828	3,995	40,618	106,120	109,319	5,540	23,677	99,228	149,989	50,761	22.5	46.5	
	1904	813	36,952	784	3,000	33,168	69,494	77,438	3,778	17,666	65,653	102,407	36,754	22.1	15.5	
	1899	695	.....	.....	1,813	27,166	47,257	51,120	2,297	13,599	61,189	88,654	27,465	.....	.....	
Bread and other bakery products.	1909	23,926	144,322	26,982	17,124	100,216	65,298	212,910	13,764	59,351	238,034	396,865	158,831	23.3	47.2	
	1904	18,226	109,673	20,037	8,358	81,278	37,241	122,353	6,273	43,172	155,989	269,583	113,594	35.0	53.7	
	1899	14,836	.....	.....	9,167	60,192	22,472	80,902	6,063	27,864	95,032	175,369	80,317	.....	.....	
Brick and tile.....	1909	4,215	85,764	4,285	4,951	76,528	341,169	174,673	5,439	37,139	23,736	92,776	69,040	15.9	30.4	
	1904	4,634	75,006	5,295	3,690	66,021	255,362	119,957	3,530	28,646	16,317	71,152	54,835	6.5	38.8	
	1899	5,423	.....	.....	2,426	61,979	176,700	82,086	2,025	21,883	11,006	51,270	40,264	.....	.....	
Brooms and brushes <sup>1</sup> ....	1909	1,282	15,143	1,451	1,539	12,153	8,800	18,982	1,661	5,404	15,578	29,126	13,548	6.4	38.0	
	1904	1,316	13,958	1,551	982	11,425	6,441	12,052	925	4,380	10,999	21,104	10,105	10.4	14.2	
	1899	1,523	.....	.....	900	10,346	4,482	9,616	788	3,788	9,544	18,484	8,940	.....	.....	
Butter, cheese, and con-densed milk.	1909	8,479	31,506	8,019	5,056	18,431	101,349	71,284	3,591	11,081	235,546	274,558	39,012	18.5	63.2	
	1904	8,926	25,865	6,801	3,507	15,557	93,845	47,256	1,376	8,413	142,920	168,183	25,263	21.5	28.6	
	1899	9,242	.....	.....	2,818	12,799	88,062	36,303	912	6,146	108,841	130,783	21,942	.....	.....	
Butter, reworking.....	1909	24	418	10	113	295	1,471	3,543	128	185	7,424	8,200	776	—27.0	12.8	
	1904	35	526	32	90	404	1,684	1,719	85	252	6,247	7,271	1,024	173.0	243.8	
	1899	10	.....	.....	29	148	631	256	30	68	1,345	2,115	770	.....	.....	
Buttons.....	1909	444	18,004	519	1,058	16,427	12,831	15,640	1,299	6,789	9,541	22,708	13,167	55.5	104.0	
	1904	275	11,637	302	768	10,567	6,982	7,784	711	3,680	4,144	11,134	6,990	21.7	44.7	
	1899	238	.....	.....	339	8,685	4,165	4,213	296	2,826	2,803	7,696	4,893	.....	.....	
Calcium lights.....	1909	10	26	7	4	15	53	55	4	11	24	52	28	—65.4	—61.5	
	1904	22	85	28	16	41	132	144	12	24	35	100	100	—25.5	13.4	
	1899	19	.....	.....	6	55	80	95	6	24	35	119	84	.....	.....	
Candles <sup>2</sup> .....	1909	16	649	7	103	539	799	2,959	161	246	2,176	3,130	954	—33.9	—19.5	
	1904	17	930	25	89	816	931	3,004	135	294	2,911	3,889	978	.....	.....	
Canning and preserving..	1909	3,767	71,972	4,244	7,760	59,968	81,179	119,207	7,864	19,082	101,823	157,101	55,278	5.3	20.4	
	1904	3,168	60,022	3,450	5,628	56,944	60,831	79,246	5,231	16,336	83,147	130,466	47,319	—0.1	31.3	
	1899	2,570	.....	.....	4,199	57,012	38,624	55,481	3,479	13,705	63,668	99,335	35,667	.....	.....	
Card cutting and design-ing.	1909	68	702	79	98	525	269	684	93	238	374	1,031	637	—24.6	—4.8	
	1904	60	834	72	66	696	222	488	52	261	478	1,083	605	114.2	75.2	
	1899	43	.....	.....	25	325	219	338	22	135	313	618	305	.....	.....	
Carpets and rugs, other than rag.	1909	139	34,706	134	1,265	33,307	38,553	75,627	2,209	15,536	39,563	71,188	31,625	0.3	15.6	
	1904	139	34,393	149	1,023	33,221	33,946	56,781	1,397	13,724	37,948	61,586	23,638	16.9	27.8	
	1899	133	.....	.....	687	28,411	26,740	44,449	881	11,121	27,229	48,192	20,963	.....	.....	
Carpets, rag.....	1909	428	2,688	489	217	1,982	2,651	1,546	182	869	689	2,568	1,879	14.2	33.9	
	1904	363	2,331	458	137	1,736	1,667	1,100	87	675	489	1,918	1,429	31.7	9.2	
	1899	805	.....	.....	57	1,318	599	867	30	443	622	1,755	1,133	.....	.....	
Carriages and sleds, chil-dren's.	1909	84	5,769	50	419	5,300	5,281	6,883	490	2,217	4,129	8,805	4,676	32.4	38.2	
	1904	78	4,379	52	324	4,003	3,633	4,336	341	1,783	2,840	6,371	3,531	46.8	48.5	
	1899	77	.....	.....	172	2,726	2,462	2,907	159	1,090	1,996	4,290	2,294	.....	.....	
Carriages and wagons and materials.	1909	5,492	82,944	6,213	6,803	69,928	126,032	175,474	7,960	37,595	81,951	159,893	77,942	—10.2	2.6	
	1904	5,588	90,751	6,575	6,294	77,882	106,159	152,345	6,581	38,363	77,528	155,869	78,341	5.5	12.7	
	1899	6,792	.....	.....	5,026	73,812	83,771	128,962	4,759	33,565	66,772	138,262	71,490	.....	.....	
Cars and general shop con-struction and repairs by steam-railroad com-panies.	1909	1,145	301,273	2	19,097	282,174	293,361	238,317	17,339	181,344	199,413	405,601	206,188	19.1	30.9	
	1904	1,140	250,199	.....	13,329	236,870	167,973	146,886	11,920	142,153	151,105	309,775	158,670	36.4	42.0	
	1899	1,292	.....	.....	7,094	173,595	95,087	119,473	6,208	96,007	109,472	218,114	108,642	.....	.....	
Cars and general shop con-struction and repairs by street-railroad com-panies.	1909	541	23,699	.....	1,281	22,418	35,794	38,899	1,204	14,486	15,168	31,963	16,795	102.8	137.9	
	1904	86	11,551	.....	499	11,052	3,154	12,906	543	7,013	5,463	13,437	7,974	57.3	43.4	
	1899	108	.....	.....	201	7,025	6,443	10,782	194	4,405	4,337	9,371	5,034	.....	.....	
Cars, steam-railroad, not including operations of railroad companies.	1909	110	47,094	7	4,001	43,086	97,797	139,805	5,138	27,135	78,753	123,730	44,977	26.5	11.3	
	1904	73	36,367	6	2,303	34,065	55,994	88,179	2,855	20,248	75,657	111,175	35,518	1.8	22.8	
	1899	65	.....	.....	1,366	33,453	33,395	88,324	1,538	16,987	61,743	90,510	28,767	.....	.....	
Cars, street-railroad, not including operations of railroad companies.	1909	14	4,005	1	421	3,583	15,161	14,168	594	2,177	4,269	7,810	3,550	—24.2	—28.0	
	1904	14	4,997	3	264	4,730	7,054	12,976	398	2,840	5,341	10,844	5,503	31.9	48.4	
	1899	20	.....	.....	144	3,585	4,865	7,615	235	1,951	3,967	7,305	3,338	.....	.....	
Cash registers and calcul-ating machines.	1909	50	9,249	7	1,777	7,465	6,944	27,224	2,736	5,312	3,552	23,708	20,156	83.0	140.1	
	1904	32	5,012	10	923	4,079	4,139	7,588	1,109	2,442	1,516	9,875	8,359	97.3	74.0	
	1899	18	.....	.....	327	2,067	1,340	5,242	329	1,250	921	5,675	4,754	.....	.....	
Cement <sup>3</sup> .....	1909	135	29,511	17	2,719	26,775	371,799	187,398	3,653	15,320</						

<sup>1</sup> Includes 898 establishments reported as "brooms" and 384 as "brushes" in 1909.<sup>2</sup> Included in "soap" in 1899.<sup>3</sup> Included in "lime" in 1899.



## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.

Table 110—Contd.															
INDUSTRY.	Cen- sus.	Num- ber of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of materi- als).	PER CENT OF INCREASE.	
			Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).								Wage earners (average num- ber).	Value of prod- ucts.
Chemicals <sup>1</sup> .....	1909	349	27,791	154	3,923	23,714	208,604	\$155,144	\$6,137	\$14,085	\$64,122	\$117,689	\$53,567	19.7	56.5
	1904	275	22,707	123	2,778	19,806	132,262	96,621	4,048	10,790	42,063	75,222	33,159	4.1	20.1
	1899	433	.....	.....	2,123	19,020	90,349	89,069	2,923	9,393	34,546	62,637	28,091	.....	.....
China decorating.....	1909	40	436	45	63	328	18	559	80	191	311	786	475	45.8	140.4
	1904	28	273	30	18	225	6	261	16	99	108	327	219	-24.5	-32.6
	1899	49	.....	.....	31	298	.....	269	21	122	207	485	278	.....	.....
Chocolate and cocoa products.	1909	27	3,404	10	568	2,826	10,593	13,685	970	1,269	15,523	22,390	6,867	35.2	55.6
	1904	25	2,396	15	291	2,090	5,217	8,379	463	822	9,723	14,390	4,667	59.1	48.9
	1899	24	.....	.....	289	1,314	2,756	6,891	371	526	6,877	9,666	2,789	.....	.....
Clocks and watches, in- cluding cases and mate- rials.	1909	120	25,439	53	1,529	23,857	14,957	57,500	2,181	12,944	11,131	35,197	24,066	5.7	18.2
	1904	97	23,891	63	1,249	22,579	10,731	42,189	1,638	11,892	9,872	29,790	19,918	31.6	34.7
	1899	109	.....	.....	676	17,155	7,251	31,514	957	8,315	8,819	22,110	13,291	.....	.....
Cloth, sponging and re- finishing.	1909	57	1,167	67	125	975	704	629	127	651	85	1,544	1,459	22.6	46.6
	1904	55	922	68	59	795	322	401	62	504	39	1,053	1,014	48.9	86.0
	1899	46	.....	.....	39	534	109	289	35	268	17	566	549	.....	.....
Clothing, horse.....	1909	33	1,830	40	142	1,648	1,454	3,279	171	492	2,773	4,135	1,362	55.0	93.2
	1904	29	1,168	32	73	1,063	656	1,499	72	342	1,329	2,140	811	84.9	64.0
	1899	26	.....	.....	55	575	271	654	47	177	848	1,305	457	.....	.....
Clothing, men's, button- holes.	1909	145	1,031	181	20	830	176	225	12	389	105	781	676	-8.1	11.6
	1904	141	1,075	164	8	903	137	262	5	380	95	700	605	-4.3	2.8
	1899	149	.....	.....	11	944	113	247	6	332	98	681	583	.....	.....
Clothing, men's, includ- ing shirts.	1909	6,354	271,437	8,502	23,239	239,696	42,725	275,320	26,723	106,277	297,515	568,677	270,562	38.0	39.7
	1904	5,145	196,366	7,006	15,671	173,689	29,829	176,557	15,740	68,459	211,433	406,768	195,335	10.2	25.6
	1899	6,419	.....	.....	11,906	157,549	20,457	140,191	12,032	56,391	168,169	323,839	155,670	.....	.....
Clothing, women's.....	1909	4,558	179,021	6,482	18,796	153,743	22,294	129,301	20,418	78,508	208,788	384,752	175,964	32.9	55.4
	1904	3,351	131,538	4,913	10,920	115,705	14,916	73,948	9,976	51,180	130,720	247,662	116,942	38.2	55.4
	1899	2,701	.....	.....	6,715	83,739	9,962	48,432	6,574	32,586	84,705	159,340	74,635	.....	.....
Coffee and spice, roasting and grinding. <sup>2</sup>	1909	607	13,516	497	5,529	7,490	22,334	46,042	6,696	3,676	83,205	116,573	27,328	25.7	31.3
	1904	421	9,245	442	2,844	5,959	15,703	38,735	3,216	2,830	65,847	84,188	18,341	-3.7	21.1
	1899	458	.....	.....	2,749	6,387	16,270	28,437	2,951	2,487	55,112	69,527	14,415	.....	.....
Coffins, burial cases, and undertakers' goods.	1909	284	11,448	161	1,948	9,339	16,490	25,843	2,411	4,633	11,964	24,326	12,562	10.3	21.0
	1904	239	9,797	168	1,161	8,468	13,178	18,532	1,345	4,120	9,591	20,266	10,765	23.8	45.3
	1899	217	.....	.....	948	6,840	8,927	13,585	1,023	3,077	6,945	13,932	7,007	.....	.....
Coke.....	1909	315	31,226	101	1,832	29,273	62,602	152,321	2,072	15,454	64,025	95,697	31,672	54.2	85.0
	1904	278	20,440	73	1,386	18,981	66,669	90,713	1,247	9,304	29,885	51,729	21,844	11.7	45.4
	1899	241	.....	.....	915	16,999	34,767	36,503	797	7,086	19,666	35,585	15,919	.....	.....
Confectionery.....	1909	1,944	54,854	1,832	8,384	44,638	35,870	68,326	9,137	15,615	81,151	134,796	53,645	23.2	54.8
	1904	1,348	42,729	1,366	5,124	36,239	24,292	43,125	4,840	11,099	48,810	87,087	38,277	34.9	43.6
	1899	962	.....	.....	4,304	26,866	19,410	26,319	3,525	8,020	35,354	60,644	25,290	.....	.....
Cooperage and wooden goods, not elsewhere specified.	1909	1,693	29,717	1,760	1,688	26,269	65,108	50,342	2,042	11,715	36,928	60,248	23,320	-5.3	4.0
	1904	1,719	31,133	1,833	1,537	27,743	56,988	36,756	1,752	11,843	34,971	57,956	22,985	9.6	37.9
	1899	1,798	.....	.....	969	25,323	38,462	25,062	963	9,890	23,619	42,025	18,406	.....	.....
Copper, tin, and sheet- iron products.	1909	4,228	86,934	4,423	8,896	73,615	62,366	217,532	10,288	39,501	112,582	199,824	87,242	38.8	66.6
	1904	2,540	60,713	2,851	4,827	53,035	30,229	147,608	6,070	26,269	63,921	119,933	56,012	38.4	53.1
	1899	1,965	.....	.....	2,924	38,317	28,829	49,679	2,810	16,924	42,602	78,359	35,757	.....	.....
Cordage and twine and jute and linen goods.	1909	164	27,214	80	1,314	25,820	78,549	76,020	1,863	9,133	40,915	61,020	20,105	1.9	-5.6
	1904	145	26,442	60	1,050	25,332	66,244	56,467	1,597	8,824	46,031	64,664	18,633	17.0	31.8
	1899	160	.....	.....	682	21,651	47,999	43,153	1,021	6,554	33,064	49,078	16,014	.....	.....
Cordials and sirups.....	1909	117	1,638	94	449	1,095	1,154	4,804	627	503	5,341	9,662	4,321	65.9	175.3
	1904	63	899	68	171	660	782	1,666	242	235	2,149	3,510	1,361	82.3	66.6
	1899	39	.....	.....	112	362	573	1,153	121	117	1,505	2,107	602	.....	.....
Cork, cutting.....	1909	62	3,376	49	185	3,142	3,746	5,327	267	1,098	3,435	5,940	2,505	8.5	32.3
	1904	50	3,080	49	136	2,895	2,589	4,009	198	888	2,459	4,491	2,032	23.7	2.3
	1899	62	.....	.....	136	2,340	1,563	2,684	195	688	2,404	4,392	1,988	.....	.....
Corsets.....	1909	138	19,611	91	1,956	17,564	4,581	18,033	2,871	6,464	15,640	33,257	17,617	60.0	123.8
	1904	109	11,948	56	877	10,975	3,284	9,589	1,010	3,600	6,135	14,862	8,727	-10.8	2.8
	1899	138	.....	.....	815	12,297	3,638	7,290	966	3,645	6,357	14,451	8,094	.....	.....
Cotton goods, including cotton small wares.	1909	1,324	387,771	377	8,514	378,880	1,296,517	822,238	14,412	132,859	371,009	628,392	257,383	19.9	39.5
	1904	1,154	323,287	432	6,981	315,874	986,004	613,111	10,238	96,206	286,255	450,468	164,213	4.3	32.8
	1899	1,055	.....	.....	4,902	302,861	795,834	467,240	7,350	86,690	176,552	339,200	162,648	.....	.....
Crucibles.....	1909	12	398	4	59	335	816	2,051	130	180	1,089	1,849	760	19.6	37.7
	1904	11	340	3	57	280	627	1,577	116	159	762	1,343	581	-58.3	-48.5
	1899	11	.....	.....	89	671	760	1,844	154	251	1,673	2,607	934	.....	.....
Cutlery and tools, not elsewhere specified.	1909	959	37,161	814	3,351	32,996	68,294	67,380	4,182	17,581	18,279	53,266	34,987	26.0	36.5
	1904	838	29,004	827	1,989	26,188	54,397	43,729	2,333	13,125	13,278	39,622	25,744	33.3	38.6
	1899	721	.....	.....	1,464	19,642	38,283	30,152	1,606	9,434	9,748	28,146	18,398	.....	.....
Dairymen's, poulterers', and apiarists' supplies. <sup>3</sup>	1909	233	6,431	206	1,354	4,871	6,898	15,188	1,416	2,671	6,089	15,463	9,374	86.8	136.3
	1904	176	3,273	165	500	2,608	3,994	5,030	359	1,167	3,203	6,545	3,342	.....	.....
Dentists' materials.....	1909	87	1,982	69	340	1,573	865	6,238	545	744	8,101	10,836	2,735	-18.2	38.7
	1904	80	2,291	79	290	1,922	1,113	4,681	334	949	5,510	7,810	2,300	89.0	109.9
	1899	68	.....	.....											

<sup>1</sup> Includes "sulphuric, nitric, and mixed acids" and "wood distillation, not including turpentine and resin" in 1899.<sup>2</sup> Includes "peanuts, grading, roasting, cleaning, and shelling" in 1899.<sup>3</sup> Included in other classifications in 1899.



## STATES, CITIES, AND INDUSTRIES.

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## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.		Cen- sus.	Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).	PER CENT OF INCREASE.	
INDUSTRY.	Total.			Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (aver- age num- ber).								Value of prod- ucts.	
Expressed in thousands.																
Drug grinding.....	1909	25	1,152	16	214	922	3,322	\$5,187	\$268	\$464	\$3,454	\$6,007	\$2,553	-6.0	16.7	
	1904	27	1,111	23	107	981	2,866	4,991	155	483	3,024	5,146	2,122	52.3	19.5	
	1899	26	.....	.....	102	644	4,097	2,838	127	292	3,315	4,308	993	.....	.....	
Dyeing and finishing tex- tiles.	1909	426	47,303	318	2,939	44,046	107,746	114,093	5,035	21,227	35,261	83,556	48,295	23.8	64.3	
	1904	360	38,071	310	2,196	35,565	84,868	88,709	3,407	15,469	19,621	50,850	31,229	19.4	13.1	
	1899	298	.....	.....	1,318	29,776	69,238	60,643	2,267	12,726	17,938	44,963	27,005	.....	.....	
Dyestuffs and extracts...	1909	107	3,015	* 65	553	2,397	22,213	17,935	942	1,291	9,684	15,955	6,271	-11.5	46.5	
	1904	98	3,150	82	361	2,707	17,671	14,904	609	1,264	6,829	10,893	4,064	64.4	48.2	
	1899	77	.....	.....	229	1,647	11,400	7,839	312	788	4,746	7,351	2,605	.....	.....	
Electrical machinery, ap- paratus, and supplies.	1909	1,009	105,600	439	17,905	87,256	158,768	267,844	20,193	49,381	108,566	221,309	112,743	44.3	57.2	
	1904	784	71,485	400	10,619	60,466	105,376	174,066	11,091	31,842	66,837	140,809	73,972	43.9	52.3	
	1899	581	.....	.....	5,067	42,013	43,674	83,660	4,632	20,579	49,438	92,434	42,976	.....	.....	
Electroplating.....	1909	461	3,558	554	287	2,717	4,461	2,324	243	1,652	1,205	4,510	3,305	39.8	52.1	
	1904	312	2,458	371	144	1,943	2,588	1,287	132	1,093	747	2,965	2,218	-6.9	9.0	
	1899	302	.....	.....	115	2,086	2,933	1,322	93	949	784	2,720	1,936	.....	.....	
Emery and other abrasive wheels.	1909	51	2,446	20	483	1,943	4,005	6,231	657	1,156	2,651	6,711	4,060	142.6	225.5	
	1904	34	1,000	11	188	801	1,965	2,249	217	451	705	2,062	1,357	46.7	49.2	
	1899	34	.....	.....	125	546	1,044	1,490	127	303	509	1,382	873	.....	.....	
Enameling and japan- ning. <sup>1</sup>	1909	108	2,418	105	188	2,125	1,695	2,880	204	922	1,496	3,316	1,820	-78.7	-79.7	
	1904	124	10,657	99	595	9,963	7,856	18,571	814	3,830	7,394	16,316	8,922	27.2	60.1	
	1899	167	.....	.....	307	7,835	3,052	9,302	309	2,334	5,522	10,194	4,672	.....	.....	
Engravers' materials.....	1909	18	189	13	47	129	549	393	68	96	609	921	312	163.3	438.6	
	1904	10	68	13	6	49	135	98	11	31	96	171	75	-35.5	-39.4	
	1899	11	.....	.....	13	76	105	101	22	45	142	282	140	.....	.....	
Engraving and diecasting	1909	283	1,782	300	174	1,308	768	1,449	168	821	351	2,250	1,899	-16.8	-7.1	
	1904	305	2,100	352	175	1,873	1,032	1,211	160	1,032	376	2,422	2,046	63.2	65.0	
	1899	277	.....	.....	75	964	616	720	63	543	203	1,468	1,265	.....	.....	
Engraving, wood.....	1909	82	480	89	73	318	39	193	82	259	126	711	585	-5.9	9.7	
	1904	114	505	129	38	333	45	185	42	245	60	648	588	0.6	5.5	
	1899	144	.....	.....	22	336	47	231	23	206	63	614	551	.....	.....	
Explosives.....	1909	86	7,058	21	763	6,274	28,601	50,168	1,134	4,304	22,812	40,140	17,328	8.2	35.6	
	1904	124	7,113	24	1,289	5,800	29,665	42,307	1,797	3,309	17,204	29,603	12,399	28.8	72.9	
	1899	97	.....	.....	768	4,502	19,195	19,466	914	2,384	10,335	17,125	6,790	.....	.....	
Fancy articles, not else- where specified.	1909	494	14,194	477	1,526	12,191	8,310	15,768	1,728	5,096	10,361	22,632	12,271	19.5	28.6	
	1904	435	11,748	483	1,066	10,199	5,886	9,501	1,037	4,080	7,537	17,594	10,057	20.7	36.4	
	1899	496	.....	.....	875	8,451	4,386	6,854	739	3,023	5,943	12,896	6,953	.....	.....	
Fertilizers.....	1909	550	21,950	323	3,317	18,310	64,711	121,537	4,406	7,477	69,522	103,960	34,438	29.1	83.9	
	1904	399	16,091	294	1,613	14,184	47,989	68,917	1,934	5,127	39,288	56,541	17,253	22.5	26.6	
	1899	422	.....	.....	1,712	11,581	38,680	60,686	2,125	4,185	28,958	44,657	15,699	.....	.....	
Files.....	1909	57	4,521	47	316	4,158	7,383	10,413	338	1,978	1,596	5,691	4,095	26.9	29.6	
	1904	62	3,450	65	109	3,276	5,697	5,866	170	1,514	1,311	4,392	3,081	3.7	29.0	
	1899	86	.....	.....	127	3,160	4,835	3,858	154	1,277	1,166	3,404	2,238	.....	.....	
Firearms and ammuni- tion.	1909	66	16,042	30	1,297	14,715	17,840	39,377	1,920	8,427	17,021	34,112	17,091	7.9	20.9	
	1904	62	14,400	38	728	13,634	21,408	22,493	1,100	7,755	12,339	28,206	15,867	40.4	52.7	
	1899	65	.....	.....	432	9,713	7,470	13,635	614	5,103	8,742	18,472	9,730	.....	.....	
Fire extinguishers, chem- ical.	1909	31	300	10	95	195	215	527	134	127	305	754	449	9.6	29.6	
	1904	35	267	23	66	178	140	338	59	108	229	582	353	178.1	167.0	
	1899	17	.....	.....	47	64	26	137	39	33	71	218	147	.....	.....	
Fireworks.....	1909	42	1,567	22	142	1,403	517	2,209	217	579	896	2,269	1,373	-5.2	14.2	
	1904	34	1,637	25	132	1,480	347	1,543	141	536	709	1,987	1,218	-9.6	11.3	
	1899	46	.....	.....	136	1,638	219	1,086	146	507	628	1,785	1,157	.....	.....	
Flags, banners, regalia, society badges, and em- blems.	1909	211	4,522	207	743	3,572	1,173	5,781	710	1,489	3,810	8,114	4,304	24.4	44.7	
	1904	171	3,517	169	476	2,872	949	3,916	482	1,128	2,506	5,608	3,102	38.2	37.2	
	1899	145	.....	.....	306	2,078	435	2,406	259	620	2,144	4,088	1,944	.....	.....	
Flavoring extracts.....	1909	420	2,634	377	1,028	1,229	1,090	5,341	1,082	558	4,458	8,828	4,370	-20.4	13.6	
	1904	377	2,599	384	672	1,543	873	4,405	698	653	3,936	7,772	3,836	23.3	23.2	
	1899	350	.....	.....	594	1,251	704	3,314	654	478	3,291	6,308	3,017	.....	.....	
Flax and hemp, dressed..	1909	16	216	22	30	164	1,147	785	29	64	336	467	131	-23.4	34.6	
	1904	17	246	17	15	214	600	239	9	60	233	347	114	1.4	118.2	
	1899	4	.....	.....	12	211	187	72	7	46	91	159	68	.....	.....	
Flour-mill and gristmill products.	1909	11,691	66,054	14,570	12,031	39,453	853,584	349,152	12,517	21,464	767,576	883,584	116,008	0.9	23.9	
	1904	10,051	59,023	13,098	7,415	39,110	775,318	265,117	7,352	19,822	619,971	713,033	93,062	21.4	42.2	
	1899	9,476	.....	.....	5,522	32,226	670,719	189,281	5,258	16,285	428,117	501,396	73,279	.....	.....	
Food preparations.....	1909	1,213	20,965	1,131	4,866	14,968	55,166	64,685	5,865	7,043	83,942	125,331	41,389	32.1	104.9	
	1904	766	14,739	749	2,657	11,333	28,162	51,784	2,999	4,398	37,668	61,180	23,512	38.0	53.6	
	1899	645	.....	.....	1,538	8,214	15,485	21,401	1,495	3,099	24,777	39,837	15,060	.....	.....	
Foundry and machine- shop products. <sup>2</sup>	1909	13,253	615,485	9,851	74,023	531,011	869,305	1,514,332	93,795	321,321	540,011	1,228,475	688,464	19.8	39.5	
	1904	10,765	502,185	9,370	49,406	443,409	606,165	1,034,135	59,703	246,573	367,412	890,514	513,102	3.8	10.3	
	1899	11,046	.....	.....	34,286	426,985	443,085	790,741	39,318	219,870	363,036	798,454	435,418	.....	.....	
Foundry supplies.....	1909	49	710	27	219	464	4,995	2,688	255	276	1,272	2,298	1,026	47.3	117.0	
	1904	34	414	22	77	315	3,543	1,516	73	156	625	1,059	434	13.3	-6.7	
	1899	30	.....	.....	75	278	3,505	982	79	136	628	1,129	501	.....	.....	
Fuel, manufactured <sup>3</sup> .....	1909	11	112	2	22	88	1,290	432	22	50	155	311	156	.....	.....	

<sup>1</sup> Totals for 1899 and 1904 include some establishments classed as "copper, tin, and sheet-iron products," in 1909.<sup>2</sup> Includes "locomotives, not made by railroad companies," and "stoves and furnaces, not including gas and oil stoves," in 1899.<sup>3</sup> None reported in 1904 or 1899.



## ABSTRACT OF THE CENSUS—MANUFACTURES.

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.		Cen- sus.	Num- ber of estab-lish-ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Sala-ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate-rials).	PER CENT OF INCREASE.	
INDUSTRY.	Total.			Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (aver- age num- ber).								Value of prod- ucts.	
																Expressed in thousands.
Fur goods.....	1909	1,241	16,152	1,717	2,508	11,927	2,120	\$29,249	\$2,553	\$7,788	\$31,777	\$55,938	\$24,161	27.3	50.7	
	1904	867	11,787	1,245	1,172	9,370	1,994	17,900	1,229	5,123	21,202	37,119	15,917	20.8	43.3	
	1899	734	.....	.....	1,141	7,758	907	12,484	1,006	3,927	14,281	25,899	11,618	.....	.....	
Furnishing goods, men's.	1909	900	43,935	1,022	4,431	38,482	12,116	49,009	5,210	15,093	49,125	87,710	38,585	41.6	78.9	
	1904	547	30,476	694	2,597	27,185	5,421	28,044	2,158	8,760	26,565	49,032	22,467	-10.3	10.6	
	1899	457	.....	.....	2,149	30,322	3,552	20,576	2,188	9,730	23,070	44,346	20,676	.....	.....	
Furniture and refriger- ators.	1909	3,155	144,140	2,657	13,031	128,452	221,451	227,134	15,561	45,618	108,775	239,886	131,111	12.5	34.9	
	1904	2,593	125,093	2,286	8,642	114,165	169,774	158,986	9,524	51,788	76,892	177,795	100,903	26.0	36.1	
	1899	1,909	.....	.....	6,751	90,591	119,608	109,267	6,692	36,920	57,406	130,634	73,228	.....	.....	
Furs, dressed.....	1909	93	1,472	115	116	1,241	2,103	1,672	135	806	811	2,391	1,580	12.3	-25.7	
	1904	85	1,324	109	110	1,105	1,260	1,296	110	755	1,642	3,216	1,574	32.3	129.7	
	1899	92	.....	.....	46	835	1,063	798	49	478	520	1,400	880	.....	.....	
Galvanizing.....	1909	46	1,689	26	216	1,447	1,367	4,197	257	787	5,719	7,338	1,619	15.2	14.3	
	1904	36	1,457	34	167	1,256	1,603	2,690	192	620	4,745	6,419	1,674	134.8	159.8	
	1899	28	.....	.....	52	535	409	1,776	47	229	1,678	2,471	793	.....	.....	
Gas and electric fixtures and lamps and reflect- ors.	1909	619	22,906	431	3,614	18,861	15,862	36,835	4,340	10,393	20,467	45,057	24,590	50.0	69.6	
	1904	405	14,653	334	1,749	12,570	8,444	28,002	2,198	6,408	11,078	26,560	15,482	11.9	34.0	
	1899	377	.....	.....	1,294	11,238	6,991	15,855	1,492	5,188	7,962	19,821	11,859	.....	.....	
Gas, illuminating and heating.	1909	1,296	51,007	277	13,515	37,215	128,350	915,537	12,385	20,931	52,428	166,814	114,386	21.8	33.3	
	1904	1,019	40,043	71	9,406	30,566	73,101	725,035	8,464	17,058	37,180	125,145	87,965	36.1	65.3	
	1899	877	.....	.....	5,904	22,459	31,797	567,601	5,273	12,436	20,605	75,717	55,112	.....	.....	
Glass.....	1909	363	72,573	87	3,575	68,911	123,132	129,288	4,994	39,300	32,119	92,095	59,976	7.7	15.7	
	1904	399	67,105	96	3,049	63,969	91,476	89,389	3,940	37,288	26,146	79,608	53,462	21.1	40.8	
	1899	355	.....	.....	2,268	52,818	52,943	61,424	2,792	27,085	16,731	56,540	39,809	.....	.....	
Glass, cutting, staining, and ornamenting.	1909	583	11,090	617	1,111	9,362	4,897	10,296	1,295	5,249	6,246	16,101	9,855	11.7	22.6	
	1904	453	9,626	504	743	8,579	3,973	7,365	776	4,359	4,845	13,138	8,293	70.5	50.1	
	1899	411	.....	.....	475	4,914	2,098	4,001	487	2,394	3,535	8,750	5,215	.....	.....	
Gloves and mittens, leather.	1909	377	12,950	458	1,138	11,354	2,889	16,909	1,256	4,764	13,208	23,631	10,423	6.7	33.2	
	1904	339	11,712	427	640	10,645	2,725	10,706	585	3,840	10,001	17,740	7,739	-25.8	4.8	
	1899	394	.....	.....	659	14,345	2,165	9,090	547	4,183	9,483	16,926	7,443	.....	.....	
Glucose and starch.....	1909	118	5,827	86	968	4,773	28,257	38,866	1,413	2,666	36,899	48,799	11,900	2.0	49.5	
	1904	140	5,409	111	619	4,679	35,986	24,053	655	2,641	25,519	32,650	7,131	-21.3	5.6	
	1899	132	.....	.....	553	5,943	26,642	52,683	732	2,855	21,580	30,927	9,347	.....	.....	
Glue.....	1909	65	3,840	45	530	3,265	15,596	14,289	747	1,571	7,525	13,718	6,193	14.0	36.7	
	1904	58	3,258	42	352	2,864	14,280	10,673	465	1,529	6,186	10,035	3,849	77.0	86.2	
	1899	61	.....	.....	159	1,618	6,896	6,144	192	685	3,767	5,389	1,622	.....	.....	
Gold and silver, leaf and foil.	1909	88	1,553	108	62	1,383	259	1,184	78	637	1,518	2,630	1,112	-1.4	-2.4	
	1904	83	1,594	106	86	1,402	278	1,072	85	663	1,476	2,695	1,219	20.6	1.1	
	1899	93	.....	.....	35	1,163	149	1,087	36	499	1,604	2,666	1,062	.....	.....	
Gold and silver, reducing and refining, not from the ore.	1909	62	690	61	173	456	1,735	3,894	249	346	21,984	23,612	1,628	58.9	26.1	
	1904	41	439	57	95	287	1,068	2,326	127	206	17,538	18,724	1,186	31.0	58.5	
	1899	57	.....	.....	76	219	765	1,944	83	141	10,932	11,812	880	.....	.....	
Graphite and graphite re- fining.	1909	9	262	4	96	162	1,472	1,786	115	89	405	1,140	735	-25.7	233.3	
	1904	11	257	6	33	218	922	478	30	108	117	342	225	59.1	-20.3	
	1899	11	.....	.....	16	137	805	411	21	64	217	429	212	.....	.....	
Grease and tallow.....	1909	353	5,504	364	783	4,357	14,613	16,676	991	2,629	15,543	23,419	7,876	20.1	24.5	
	1904	300	4,415	306	481	3,628	11,738	10,284	583	2,114	12,369	18,815	6,446	77.8	57.4	
	1899	287	.....	.....	256	2,040	8,031	7,071	266	1,067	8,752	11,953	3,201	.....	.....	
Grindstones.....	1909	14	1,485	6	85	1,394	5,700	4,939	159	638	468	1,688	1,220	91.4	114.2	
	1904	23	766	10	50	706	2,602	1,869	81	275	264	788	524	-39.5	-27.6	
	1899	25	.....	.....	60	1,167	2,677	903	58	407	264	1,089	825	.....	.....	
Halreloth <sup>1</sup> .....	1909	14	621	11	72	538	995	2,281	72	252	1,614	2,230	616	.....	.....	
Hair work.....	1909	250	4,383	298	551	3,534	218	4,716	434	1,610	6,081	11,216	5,135	309.5	529.4	
	1904	125	1,137	148	126	863	62	1,132	98	335	728	1,782	1,054	5.2	26.7	
	1899	158	.....	.....	44	820	23	760	33	287	496	1,406	910	.....	.....	
Hammocks.....	1909	15	325	14	39	272	157	344	34	95	311	578	267	0.4	29.3	
	1904	14	316	19	26	271	171	290	27	91	190	447	257	-20.1	-6.9	
	1899	13	.....	.....	21	339	113	308	16	102	243	480	237	.....	.....	
Hand stamps and stencils and brands.	1909	361	2,539	375	513	1,651	903	2,439	433	952	1,127	3,673	2,546	9.6	30.7	
	1904	327	2,149	363	280	1,506	721	1,915	224	797	737	2,811	2,074	2.4	7.7	
	1899	360	.....	.....	171	1,470	462	1,736	141	696	663	2,611	1,948	.....	.....	
Hat and cap materials...	1909	74	2,618	63	188	2,367	2,922	6,183	231	947	5,380	8,236	2,856	-1.9	27.9	
	1904	65	2,615	87	114	2,414	2,239	4,265	127	849	4,217	6,440	2,223	76.1	67.3	
	1899	70	.....	.....	50	1,371	1,770	1,744	60	434	2,798	3,849	1,051	.....	.....	
Hats and caps, other than felt, straw, and wool. <sup>2</sup>	1909	494	7,609	688	720	6,201	990	5,275	783	3,421	6,690	13,689	6,999	-6.0	5.7	
	1904	415	7,617	605	418	6,294	797	4,185	436	3,354	6,308	12,956	6,648	-47.4	-39.4	
	1899	644	.....	.....	643	12,544	3,252	8,394	675	5,025	10,907	21,393	10,486	.....	.....	
Hats, fur-felt.....	1909	273	27,091	264	1,763	25,064	19,245	35,734	2,097	14,223	22,109	47,865	25,756	13.7	30.7	
	1904	216	23,666	252	1,367	22,047	16,630	23,258	1,488	11,282	15,975	36,629	20,654	16.8	31.7	
	1899	171	.....	.....	726	18,880	11,843	16,701	944	9,119	13,514	27,811	14,297	.....	.....	
Hats, straw <sup>1</sup> .....	1909	98	9,704	91	799	8,814	3,482	11,538	1,427	4,471	11,468	21,424	9,956	58.3	106.9	
	1904	68	6,084	79	438	5,567	2,366	6,036	487	2,434	5,510	10,357	4,847	.....	.....	

<sup>1</sup> Included in other classifications in 1904 and 1899.<sup>2</sup> Includes "hats, straw," in 1899.<sup>3</sup> Included in "hats and caps, other than felt, straw, and wool," in 1899.



## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.															
INDUSTRY.	Cen- sus.	Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).	PER CENT OF INCREASE.	
			Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).								Wage earners (average num- ber).	Value of prod- ucts.
Expressed in thousands.															
Hones and whetstones...	1909	18	173	13	8	152	677	\$382	\$6	\$72	\$110	\$268	\$158	-30.9	-13.0
	1904	17	251	12	19	220	684	423	20	94	103	308	205	16.4	57.1
	1899	18	.....	.....	19	189	593	217	6	73	64	196	132	.....	.....
Horseshoes, not made in steel works or rolling mills.	1909	19	360	7	60	293	1,045	1,396	99	166	356	1,015	659	26.3	-27.0
	1904	8	273	1	40	232	1,014	1,227	54	127	256	799	543	0.4	60.4
	1899	7	.....	.....	18	231	545	463	36	117	211	498	287	.....	.....
Hosiery and knit goods...	1909	1,374	136,130	1,134	5,721	129,275	103,709	163,641	7,691	44,740	110,241	200,143	89,902	24.2	46.0
	1904	1,144	109,489	1,067	4,330	104,092	78,769	106,943	4,435	31,615	76,789	137,076	60,287	24.4	43.0
	1899	1,006	.....	.....	2,831	83,091	57,346	82,066	3,138	24,434	51,195	95,834	44,639	.....	.....
House-furnishing goods, not elsewhere specified.	1909	260	5,916	236	773	4,907	9,328	12,784	1,007	2,035	12,371	18,509	6,138	2.7	23.3
	1904	237	5,555	234	543	4,778	8,748	9,872	582	1,880	9,627	15,011	5,384	-8.3	5.1
	1899	209	.....	.....	584	5,212	8,531	10,634	628	1,838	9,198	14,278	5,080	.....	.....
Ice, manufactured.....	1909	2,004	21,107	1,066	3,927	16,114	317,789	118,641	3,868	9,779	11,317	42,953	31,636	59.5	80.6
	1904	1,320	13,179	746	2,332	10,101	191,660	66,592	2,001	5,549	6,011	23,790	17,779	46.8	72.6
	1899	775	.....	.....	1,531	6,880	100,421	38,030	1,226	3,403	3,312	13,781	10,469	.....	.....
Ink, printing.....	1909	71	1,854	38	695	1,121	5,857	7,144	1,092	773	4,175	8,865	4,690	57.7	53.5
	1904	60	1,117	45	361	711	3,384	4,610	530	475	2,613	5,774	3,161	41.4	87.5
	1899	60	.....	.....	253	503	1,895	2,945	345	298	1,536	3,080	1,544	.....	.....
Ink, writing.....	1909	47	824	37	282	505	169	2,114	376	203	1,078	2,505	1,427	17.4	33.2
	1904	42	607	36	141	430	224	1,287	191	170	858	1,881	1,023	50.9	45.5
	1899	44	.....	.....	148	285	359	877	134	114	573	1,293	720	.....	.....
Instruments, professional and scientific.	1909	263	6,175	222	1,136	4,817	4,856	11,724	1,233	2,925	2,918	10,504	7,586	40.2	95.3
	1904	225	4,145	200	508	3,437	2,110	5,383	532	1,823	1,350	5,378	4,028	23.9	10.8
	1899	261	.....	.....	389	2,775	2,471	4,476	402	1,429	1,363	4,853	3,490	.....	.....
Iron and steel, blast fur- naces.	1909	208	43,061	48	4,584	38,429	1,173,422	487,581	6,525	24,607	320,638	391,429	70,791	9.6	68.8
	1904	190	37,335	26	2,231	35,078	773,278	236,146	2,891	18,935	178,942	231,823	52,881	-10.6	12.1
	1899	223	.....	.....	1,757	39,241	497,272	143,159	2,304	18,484	131,504	206,757	75,253	.....	.....
Iron and steel, steel works and rolling mills.	1909	446	260,762	47	20,639	240,076	2,100,978	1,004,735	26,191	163,201	657,501	985,723	328,222	15.7	46.3
	1904	415	221,956	64	14,330	207,562	1,649,269	700,182	17,890	122,492	441,204	673,965	232,761	13.3	12.9
	1899	445	.....	.....	7,454	183,249	1,100,801	430,232	9,433	102,336	390,895	597,212	206,317	.....	.....
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills.	1909	108	12,395	38	1,012	11,345	22,113	30,250	1,373	5,793	12,804	24,485	11,681	40.2	66.7
	1904	88	8,771	49	632	8,090	13,825	18,913	912	3,642	7,807	14,687	6,880	5.6	5.1
	1899	72	.....	.....	420	7,660	9,165	10,800	571	2,992	8,071	13,978	5,907	.....	.....
Iron and steel, doors and shutters.	1909	29	1,816	18	197	1,601	1,997	3,045	224	874	1,283	3,006	1,723	129.0	103.5
	1904	24	811	19	93	699	969	1,120	117	407	602	1,477	875	497.4	351.6
	1899	13	.....	.....	20	117	223	262	19	86	116	320	204	.....	.....
Iron and steel forgings....	1909	172	9,193	90	935	8,168	27,803	27,755	1,300	5,093	10,240	20,293	10,053	44.2	67.6
	1904	138	6,347	77	605	5,665	16,069	28,246	824	3,428	5,752	12,110	6,358	20.8	16.0
	1899	90	.....	.....	322	4,688	7,697	9,676	411	2,559	5,213	10,458	5,225	.....	.....
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	1909	57	3,239	42	432	2,765	7,723	8,898	562	1,353	3,972	8,192	4,220	-24.9	-8.2
	1904	76	4,147	60	406	3,681	10,533	8,742	454	1,684	4,686	8,923	4,237	-17.8	-39.6
	1899	102	.....	.....	431	4,477	12,853	10,751	444	2,042	8,562	14,777	6,215	.....	.....
Iron and steel pipe, wrought.	1909	28	7,309	17	475	6,817	20,656	22,266	657	3,963	22,942	30,886	7,944	25.9	77.5
	1904	27	5,723	11	296	5,416	15,094	13,053	369	2,473	12,747	17,401	4,654	-2.2	-18.3
	1899	19	.....	.....	193	5,536	11,717	18,344	266	2,496	15,524	21,292	5,768	.....	.....
Jewelry.....	1909	1,537	36,992	1,846	4,799	30,347	11,204	63,811	5,838	18,358	36,675	80,359	43,675	37.4	51.0
	1904	1,023	26,119	1,436	2,603	22,080	7,872	39,679	2,939	12,593	24,177	53,226	29,049	7.9	15.4
	1899	851	.....	.....	1,806	20,468	6,656	27,872	1,842	10,644	22,235	46,129	23,894	.....	.....
Jewelry and instrument cases.	1909	120	2,441	139	232	2,070	527	1,841	232	954	1,221	3,116	1,895	23.5	36.0
	1904	97	1,923	126	121	1,676	359	1,438	107	624	843	2,292	1,449	104.6	98.1
	1899	63	.....	.....	52	819	208	548	35	323	436	1,157	721	.....	.....
Kaolin and ground earths	1909	119	2,351	53	308	1,990	20,920	13,226	417	897	2,042	4,681	2,639	-7.7	5.5
	1904	131	2,501	91	253	2,157	17,325	10,196	329	899	1,869	4,439	2,570	3.0	19.3
	1899	145	.....	.....	232	2,094	18,404	12,212	257	821	1,651	3,722	2,071	.....	.....
Labels and tags.....	1909	96	2,880	85	482	2,313	1,589	3,857	541	1,123	1,910	4,670	2,760	71.6	89.7
	1904	67	1,610	65	197	1,348	919	2,118	258	609	957	2,462	1,505	78.8	122.8
	1899	47	.....	.....	96	754	392	848	120	289	388	1,105	717	.....	.....
Lapidary work.....	1909	77	886	90	169	627	679	4,808	195	889	6,560	9,173	2,613	23.7	20.0
	1904	54	681	72	102	507	554	2,384	109	657	6,224	7,647	1,423	1.8	32.2
	1899	60	.....	.....	43	498	212	3,087	51	499	4,656	5,786	1,130	.....	.....
Lard, refined, not made in slaughtering and meat- packing establishments.	1909	7	515	6	110	399	723	1,434	108	180	9,631	10,326	695	-9.5	68.5
	1904	9	528	10	77	441	598	1,163	108	219	5,640	6,129	489	-11.6	-29.0
	1899	19	.....	.....	54	499	714	1,336	80	238	7,497	8,031	1,134	.....	.....
Lasts.....	1909	60	2,029	47	254	1,728	3,386	3,061	412	1,203	1,324	4,159	2,835	43.0	65.0
	1904	55	1,453	59	186	1,208	2,865	2,009	223	798	768	2,520	1,752	6.8	34.0
	1899	65	.....	.....	97	1,131	1,951	1,485	108	650	527	1,880	1,353	.....	.....
Lead, bar, pipe, and sheet.	1909	33	1,044	8	234	802	3,179	20,587	360	510	7,412	9,145	1,733	24.3	-1.4
	1904	32	834	11	177	646	2,487	5,015	239	405	7,910	9,277	1,367	6.8	24.1
	1899	34	.....	.....	151	605	2,007	3,949	202	322	6,280	7,478	1,198	.....	.....
Leather goods.....	1909	2,375	43,525	2,532	6,066	34,907	28,148	69,814	6,701	17,921	60,027	104,719	44,692	2.1	27.5
	1904	1,918	40,508	2,148	4,171	34,189	16,257	50,919	4,148	15,707	44,435	82,121	37,686	16.8	35.9
	1899	1,568	.....	.....	3,207	29,274	10,947	33,895	2,829	11,892	33,195	60,414	27,219	.....	.....



## ABSTRACT OF THE CENSUS—MANUFACTURES.

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.		Cen- sus.	PERSONS ENGAGED IN INDUSTRY.					Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).	PER CENT OF INCREASE.	
INDUSTRY.	Num- ber of estab- lish- ments.		Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (aver- age num- ber).								Value of prod- ucts.	
Expressed in thousands.																
Leather, tanned, curried, and finished.	1909	919	67,100	784	4,114	62,202	148,140	\$332,727	\$6,744	\$32,103	\$248,279	\$327,874	\$79,595	8.7	29.8	
	1904	1,049	61,002	1,112	3,251	57,239	117,450	242,584	4,452	27,049	191,179	252,621	61,442	9.8	23.8	
	1899	1,306	.....	.....	2,442	52,109	88,800	173,977	3,159	22,591	155,000	204,038	49,038	.....	.....	
Lime <sup>1</sup> .....	1909	853	15,659	794	968	13,897	27,671	32,520	1,080	5,980	6,731	17,952	11,221	24.6	21.7	
	1904	526	12,383	500	731	11,152	18,198	22,596	703	4,597	5,437	14,751	9,314	-41.6	-48.6	
	1899	998	.....	.....	1,406	19,085	93,540	48,787	1,416	7,741	11,040	28,674	17,634	.....	.....	
Liquors, distilled.....	1909	613	8,328	563	1,335	6,430	46,120	72,450	1,988	3,074	35,977	204,099	168,722	20.1	55.9	
	1904	805	7,229	794	1,080	5,355	42,349	50,101	1,393	2,657	25,626	131,270	105,644	44.0	35.6	
	1899	965	.....	.....	661	3,720	31,427	32,540	890	1,733	15,145	96,794	81,649	.....	.....	
Liquors, malt.....	1909	1,414	66,725	639	11,507	54,579	347,726	671,158	22,804	41,206	96,596	374,730	278,134	13.4	25.6	
	1904	1,530	58,068	876	9,055	48,137	296,159	515,630	17,316	34,541	74,907	298,346	223,439	22.0	25.9	
	1899	1,507	.....	.....	7,146	39,459	197,901	413,767	13,038	25,776	51,598	236,915	185,317	.....	.....	
Liquors, vinous.....	1909	290	2,726	236	579	1,911	6,771	27,908	863	972	6,626	13,121	6,495	-0.1	18.2	
	1904	435	2,801	396	492	1,913	6,713	17,775	573	1,002	5,693	11,098	5,405	64.5	69.5	
	1899	359	.....	.....	344	1,163	3,416	9,838	365	446	3,689	6,547	2,858	.....	.....	
Locomotives, not made by railroad companies. <sup>2</sup>	1909	16	15,945	7	2,029	14,909	35,102	52,060	2,297	8,914	15,060	31,582	16,522	-39.9	-47.0	
	1904	15	25,979	9	1,164	24,806	29,806	38,421	1,675	15,798	27,703	59,552	31,849	.....	.....	
Looking-glass and pic- ture frames.	1909	437	7,470	431	1,018	6,021	5,330	9,058	1,119	3,261	5,525	13,475	7,950	-9.1	1.5	
	1904	442	8,076	467	984	6,626	4,653	7,634	955	3,315	4,975	13,270	8,295	9.9	22.3	
	1899	362	.....	.....	884	6,029	3,357	5,500	789	2,550	4,729	10,847	6,118	.....	.....	
Lumber and timber prod- ucts.	1909	40,671	784,989	48,825	41,145	695,019	2,840,082	1,176,675	47,428	318,739	508,118	1,156,129	648,011	30.5	30.7	
	1904	25,153	593,342	30,738	30,038	532,566	1,886,624	733,708	31,737	245,834	360,325	884,267	523,942	4.7	16.2	
	1899	28,133	.....	.....	20,940	508,766	1,658,594	541,595	18,715	188,395	364,964	760,992	396,028	.....	.....	
Malt.....	1909	114	2,237	52	425	1,760	26,441	60,286	884	1,348	30,464	38,252	7,788	-14.3	26.3	
	1904	141	2,594	96	444	2,054	20,288	47,934	747	1,457	23,621	30,289	6,668	3.2	56.3	
	1899	146	.....	.....	290	1,990	13,834	39,288	471	1,183	14,817	19,374	4,557	.....	.....	
Marble and stone work <sup>3</sup> ..	1909	4,964	77,275	6,026	5,646	65,603	187,686	114,842	6,386	42,546	37,397	113,093	75,696	28.4	33.3	
	1904	2,608	57,866	3,300	3,456	51,110	162,887	79,170	4,000	31,899	26,569	84,844	58,275	22.6	33.3	
	1899	2,952	.....	.....	2,606	41,686	83,119	52,982	2,440	22,843	21,546	63,667	42,121	.....	.....	
Matches.....	1909	26	4,220	46	543	3,631	6,224	11,953	723	1,390	4,599	11,353	6,754	14.0	101.0	
	1904	23	3,368	7	176	3,185	3,539	5,334	178	1,101	3,285	5,647	2,362	55.6	-6.0	
	1899	22	.....	.....	66	2,047	2,666	3,893	87	613	3,421	6,006	2,585	.....	.....	
Mats and matting.....	1909	12	1,040	18	85	937	1,433	4,051	95	385	1,067	2,432	1,365	49.9	95.7	
	1904	12	696	13	58	625	1,524	839	67	249	574	1,243	609	-47.8	6.7	
	1899	9	.....	.....	42	1,197	1,733	994	31	237	516	1,165	649	.....	.....	
Mattresses and spring beds	1909	930	14,109	869	1,918	11,322	17,689	23,735	2,039	5,771	20,483	35,783	15,300	8.6	28.9	
	1904	716	12,438	757	1,254	10,427	13,220	14,514	1,253	4,816	15,326	27,755	12,429	36.3	54.6	
	1899	589	.....	.....	851	7,649	7,980	7,999	770	3,102	10,227	17,956	7,729	.....	.....	
Millinery and lace goods..	1909	1,579	46,301	1,934	5,166	39,201	7,918	35,705	5,381	16,308	45,040	85,894	40,854	42.5	69.2	
	1904	860	31,417	1,163	2,754	27,500	4,737	17,850	2,296	10,307	26,259	50,778	24,519	63.0	72.3	
	1899	591	.....	.....	1,392	16,871	1,852	10,765	1,393	5,818	15,654	29,469	13,815	.....	.....	
Mineral and soda waters..	1909	4,916	22,060	5,743	3,170	13,147	19,392	42,305	2,846	6,902	16,466	43,508	27,042	20.8	43.8	
	1904	3,468	16,554	4,099	1,576	10,879	12,214	28,098	1,393	5,488	10,002	30,251	20,249	23.8	39.0	
	1899	2,763	.....	.....	1,423	8,788	8,037	19,727	1,161	4,080	8,565	23,209	14,704	.....	.....	
Mirrors.....	1909	148	3,509	131	384	2,994	3,862	4,890	450	1,763	5,905	9,571	3,666	13.0	25.9	
	1904	119	3,068	117	302	2,649	2,795	3,850	332	1,375	4,587	7,065	3,018	3.7	-5.0	
	1899	103	.....	.....	269	2,555	2,333	3,184	277	1,232	4,996	8,004	3,008	.....	.....	
Models and patterns, not including paper pat- terns.	1909	709	5,450	840	439	4,171	5,486	5,576	490	2,929	2,876	8,868	5,992	50.0	95.1	
	1904	547	3,678	656	242	2,780	4,358	2,896	238	1,788	922	4,545	3,623	6.6	18.5	
	1899	530	.....	.....	118	2,607	3,021	2,250	113	1,565	825	3,834	3,009	.....	.....	
Moving pictures.....	1909	16	718	5	207	506	486	19,428	396	335	2,192	4,206	2,014	.....	.....	
Mucilage and paste.....	1909	127	901	108	255	538	2,335	2,717	353	286	3,283	4,918	1,635	14.5	38.3	
	1904	111	728	100	158	470	1,505	2,430	166	237	2,301	3,556	1,255	2.6	39.1	
	1899	116	.....	.....	166	458	1,426	1,220	155	193	1,613	2,556	943	.....	.....	
Musical instruments and materials, not specified.	1909	187	2,269	187	260	1,822	1,423	3,298	343	992	890	3,228	2,338	-14.8	-7.3	
	1904	181	2,554	190	225	2,139	1,603	3,743	252	1,162	1,130	3,482	2,352	-11.1	2.6	
	1899	220	.....	.....	158	2,405	1,417	3,896	142	1,232	1,205	3,395	2,190	.....	.....	
Musical instruments, pianos and organs and materials.	1909	507	41,882	297	3,565	38,020	41,623	103,234	5,552	22,762	43,765	89,790	46,025	14.9	35.9	
	1904	444	36,106	303	2,722	33,081	30,134	68,482	3,728	18,527	27,987	66,093	38,106	55.2	61.1	
	1899	390	.....	.....	1,518	21,309	20,789	43,810	2,015	11,543	17,371	41,024	23,653	.....	.....	
Needles, pins, and hooks and eyes.	1909	49	4,978	27	313	4,638	4,542	6,705	393	2,064	2,329	6,094	4,365	17.0	40.9	
	1904	46	4,196	31	200	3,965	2,440	5,332	253	1,596	1,584	4,751	3,167	49.5	46.7	
	1899	52	.....	.....	135	2,653	2,103	4,618	147	1,067	1,228	3,228	2,010	.....	.....	
Oakum.....	1909	6	129	7	9	113	289	342	14	42	232	338	106	-20.4	-6.4	
	1904	6	158	5	11	142	367	488	14	49	241	351	120	-17.0	-18.0	
	1899	7	.....	.....	10	171	375	416	17	51	284	440	156	.....	.....	
Oil, castor.....	1909	4	70	4	12	54	385	1,038	27	32	661	905	244	25.6	40.7	
	1904	4	57	.....	14	43	500	625	27	28	487	643	156	-12.2	62.8	
	1899	3	.....	.....	12	49	260	539	17	29	293	395	102	.....	.....	
Oil, cottonseed,																

<sup>1</sup> Includes "cement" and "wall plaster" in 1899.<sup>2</sup> Included in "foundry and machine-shop products" in 1899.<sup>3</sup> Includes "artificial stone" in 1899.



## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.															
INDUSTRY.	Cen- sus.	Num- ber of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).	PER CENT OF INCREASE.	
			Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).								Wage earners (average num- ber).	Value of prod- ucts.
Oil, essential.....	1909	68	408	73	45	290	1,218	\$1,365	\$61	\$123	\$1,255	\$1,737	\$482	119.7	18.6
	1904	52	237	68	37	132	849	723	40	70	1,111	1,465	354	-21.4	80.2
	1899	47	.....	.....	39	168	1,048	576	25	61	589	813	224	.....	.....
Oil, linseed.....	1909	29	1,753	9	292	1,452	13,211	18,032	740	893	31,035	36,739	5,704	7.6	33.2
	1904	30	1,518	13	156	1,349	9,473	9,850	423	786	23,153	27,577	4,424	1.6	1.4
	1899	48	.....	.....	285	1,328	8,491	15,461	446	693	24,396	27,184	2,788	.....	.....
Oil, not elsewhere speci- fied.....	1909	189	3,144	118	1,311	1,715	5,772	18,441	1,923	1,060	21,407	39,865	9,458	31.4	34.6
	1904	186	2,116	148	663	1,305	5,207	11,229	882	752	14,438	22,923	8,485	-10.4	23.2
	1899	201	.....	.....	810	1,456	3,432	9,889	991	738	10,975	18,612	7,637	.....	.....
Oilcloth and linoleum....	1909	31	5,557	11	345	5,201	16,125	19,634	649	2,826	15,550	23,339	7,789	33.9	57.8
	1904	27	4,112	12	217	3,883	10,112	13,803	361	1,944	10,050	14,792	4,742	20.2	29.7
	1899	27	.....	.....	133	3,230	7,561	8,879	295	1,628	7,550	11,403	3,853	.....	.....
Oleomargarine.....	1909	12	773	1	166	606	2,408	3,558	276	413	6,497	8,148	1,651	16.1	46.2
	1904	14	730	2	206	522	1,560	1,551	253	316	4,398	5,574	1,176	-51.8	-55.4
	1899	24	.....	.....	394	1,084	1,356	3,024	412	534	7,640	12,500	4,860	.....	.....
Optical goods.....	1909	217	7,809	163	1,248	6,398	5,725	10,147	1,157	3,394	4,187	11,735	7,548	47.8	91.8
	1904	122	4,742	96	316	4,330	3,410	5,381	427	1,923	2,320	6,117	3,797	16.6	17.4
	1899	91	.....	.....	375	3,715	2,544	4,212	287	1,599	2,101	5,211	3,110	.....	.....
Paint and varnish.....	1909	791	21,896	456	7,200	14,240	56,162	103,995	10,378	8,271	79,016	124,889	45,873	22.4	37.5
	1904	639	16,480	439	4,408	11,633	41,288	75,485	5,677	6,264	59,827	90,840	31,013	20.0	30.6
	1899	600	.....	.....	3,710	9,697	30,443	60,053	5,017	4,926	44,739	69,562	24,823	.....	.....
Paper and wood pulp....	1909	777	81,473	250	5,245	75,978	1,304,265	409,348	9,510	40,805	165,442	267,657	102,215	15.2	41.8
	1904	761	70,051	309	3,778	65,964	1,093,708	277,444	6,097	32,019	111,252	188,715	77,463	32.9	48.2
	1899	763	.....	.....	2,935	49,646	762,118	167,508	4,501	20,746	70,530	127,326	56,796	.....	.....
Paper goods, not else- where specified.....	1909	403	22,385	228	2,946	19,211	27,067	48,662	3,701	8,169	31,249	55,171	23,922	30.5	62.5
	1904	308	16,696	236	1,734	14,726	16,226	27,345	1,993	5,577	19,645	33,946	14,301	51.4	39.4
	1899	246	.....	.....	1,092	9,727	10,421	18,152	1,342	3,658	14,191	24,355	10,164	.....	.....
Paper patterns.....	1909	27	1,755	22	812	921	751	4,578	675	407	646	2,611	1,965	-14.9	15.3
	1904	26	1,790	15	693	1,082	38	2,237	490	445	337	2,265	1,928	29.6	303.0
	1899	15	.....	.....	92	835	9	256	72	262	125	562	437	.....	.....
Patent medicines and compounds and drug- gists' preparations.....	1909	3,642	41,101	2,802	15,404	22,895	25,659	99,942	17,007	9,897	50,376	141,942	91,566	11.8	20.9
	1904	2,777	32,248	2,293	9,483	20,472	17,008	75,607	9,975	7,913	39,494	117,436	77,942	7.6	32.3
	1899	2,154	.....	.....	8,094	19,028	12,707	56,173	8,265	6,910	31,950	88,791	56,841	.....	.....
Paving materials.....	1909	49	1,731	31	281	1,419	5,757	11,410	373	750	3,478	6,229	2,751	-26.1	23.8
	1904	54	2,106	30	157	1,919	5,156	5,218	197	953	2,666	5,033	2,367	-21.2	27.9
	1899	99	.....	.....	173	2,436	34,397	13,464	184	1,144	1,582	3,936	2,354	.....	.....
Peanuts, grading, roast- ing, cleaning, and shell- ing. <sup>1</sup>	1909	46	2,177	35	193	1,949	2,827	3,646	209	351	8,612	9,737	1,125	43.7	34.1
	1904	30	1,490	18	116	1,356	1,602	1,109	122	205	6,324	7,261	937	.....	.....
Pencils, lead.....	1909	11	4,513	4	375	4,134	3,448	7,867	697	1,712	3,596	7,379	3,783	34.9	66.7
	1904	8	3,351	3	283	3,065	2,625	4,981	296	1,059	1,804	4,426	2,622	41.8	99.2
	1899	7	.....	.....	81	2,162	1,300	2,227	112	683	1,031	2,222	1,191	.....	.....
Pens, fountain, stylo- graphic, and gold.....	1909	65	1,820	51	544	1,225	569	3,121	554	712	2,246	4,739	2,493	31.3	70.8
	1904	49	1,196	39	224	933	349	1,545	198	533	1,166	2,774	1,608	34.1	62.6
	1899	45	.....	.....	146	696	527	1,087	148	371	664	1,706	1,042	.....	.....
Pens, steel.....	1909	5	755	.....	56	699	244	804	86	290	95	577	482	5.4	21.7
	1904	5	736	1	72	663	294	576	60	205	103	474	371	40.2	61.2
	1899	3	.....	.....	13	473	138	357	21	138	52	294	242	.....	.....
Petroleum, refining.....	1909	147	16,640	42	2,669	13,929	90,268	181,916	3,929	9,830	199,273	236,998	37,725	-16.9	35.4
	1904	98	18,768	24	1,974	16,770	46,019	136,281	2,724	9,989	139,387	175,005	35,618	37.4	41.2
	1899	67	.....	.....	1,201	12,199	36,127	95,328	1,811	6,717	102,859	123,929	21,070	.....	.....
Phonographs and graph- ophones.....	1909	18	5,928	2	727	5,199	6,371	14,363	945	2,841	3,099	11,726	8,627	53.0	14.5
	1904	14	3,940	6	537	3,397	2,522	8,741	666	1,684	4,161	10,237	6,076	168.1	355.8
	1899	11	.....	.....	144	1,267	1,082	3,348	179	608	828	2,246	1,418	.....	.....
Photographic apparatus and materials.....	1909	103	6,596	59	1,342	5,195	8,637	18,918	1,462	3,037	6,708	22,561	15,853	36.3	73.2
	1904	130	5,041	74	1,155	3,812	5,061	7,720	1,109	1,796	4,162	13,023	8,861	10.7	67.0
	1899	153	.....	.....	469	3,444	3,412	5,518	453	1,443	3,378	7,799	4,421	.....	.....
Photo-engraving.....	1909	313	7,277	233	1,701	5,343	2,638	5,474	1,849	4,750	2,134	11,624	9,490	37.8	59.9
	1904	223	5,071	227	968	3,876	1,925	4,071	934	2,916	1,303	7,268	5,965	44.0	73.5
	1899	203	.....	.....	484	2,691	1,040	1,994	450	1,750	725	4,190	3,465	.....	.....
Pipes, tobacco.....	1909	62	3,090	70	245	2,775	1,506	3,528	283	1,255	2,459	5,312	2,853	42.5	87.4
	1904	68	2,111	82	82	1,947	1,058	1,256	81	831	1,354	2,834	1,480	22.8	14.6
	1899	98	.....	.....	120	1,585	855	1,111	109	738	1,106	2,472	1,366	.....	.....
Pottery, terra-cotta, and fire-clay products.....	1909	822	61,022	452	4,402	56,168	110,017	141,350	5,813	29,753	21,911	76,119	54,208	7.1	18.6
	1904	873	56,730	550	3,752	52,428	104,918	110,926	4,628	25,178	16,591	64,201	47,610	19.9	45.0
	1899	1,000	.....	.....	2,777	43,714	75,802	65,952	3,012	17,602	11,915	44,263	32,348	.....	.....
Printing and publishing..	1909	31,445	388,466	30,424	99,608	258,424	297,763	588,346	103,458	164,628	291,775	737,876	536,101	18.0	33.6
	1904	27,793	316,047	28,368	68,592	219,087	166,380	432,854	67,748	127,196	142,514	552,473	409,959	12.2	39.8
	1899	23,814	.....	.....	40,685	195,260	119,775	333,093	39,475	99,816	103,654	395,187	291,533	.....	.....
Pulp goods.....	1909	14	882	1	98	783	3,125	2,680	124	377	971	1,770	799	12.5	20.7
	1904	17	759	7	56	696	2,368	3,198	83	284	719	1,467	748	0.7	15.8
	1899	22	.....	.....	75	691	1,314	2,317	92	284	647	1,267	620	.....	.....

<sup>1</sup> Included in "coffee and spice, roasting and grinding," in 1899.



## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.		Cen- sus.	Num- ber of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).	PER CENT OF INCREASE.	
INDUSTRY.	Total.			Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (aver- age num- ber).								Value of prod- ucts.	
																Expressed in thousands.
Pumps, not including steam pumps.	1909	102	2,623	87	400	2,136	4,214	\$6,018	\$420	\$1,258	\$2,487	\$5,583	\$3,096	52.1	95.7	
	1904	115	1,721	113	294	1,404	2,569	3,230	215	719	1,193	2,853	1,660	122.2	112.6	
	1899	130	.....	.....	95	632	1,245	1,261	84	247	638	1,342	704	.....	.....	
Rice, cleaning and pol- ishing.	1909	71	1,777	38	500	1,239	19,519	13,347	613	564	19,501	22,371	2,870	-17.0	37.3	
	1904	74	1,961	33	436	1,492	15,866	8,821	549	641	13,315	16,297	2,982	129.2	86.8	
	1899	80	.....	.....	169	651	7,546	2,601	182	266	7,576	8,724	1,148	.....	.....	
Roofing materials.....	1909	117	3,530	46	1,019	2,465	9,431	15,349	1,381	1,339	12,458	19,204	6,746	-72.0	-3.4	
	1904	307	10,162	314	1,029	8,819	23,022	16,925	1,162	4,008	10,842	19,871	9,029	16.1	45.1	
	1899	267	.....	.....	695	7,593	18,217	10,814	663	3,072	6,886	13,691	6,805	.....	.....	
Rubber goods, not else- where specified.	1909	227	31,284	102	4,661	26,521	79,062	98,507	5,406	14,120	82,192	128,436	46,244	25.2	103.9	
	1904	224	23,651	103	2,364	21,184	48,381	46,298	2,857	9,412	38,912	62,996	24,084	3.8	19.7	
	1899	261	.....	.....	1,825	20,404	40,835	39,302	2,216	8,082	33,482	52,622	19,140	.....	.....	
Rules, ivory and wood...	1909	9	127	9	9	109	167	104	11	51	31	144	113	-26.8	-42.2	
	1904	13	177	13	15	149	318	253	15	55	55	249	194	-30.0	19.7	
	1899	11	.....	.....	14	213	303	203	12	67	73	208	135	.....	.....	
Safes and vaults.....	1909	42	4,060	8	709	3,343	5,546	8,944	1,058	2,072	3,443	8,491	5,048	-4.2	8.0	
	1904	31	3,918	15	415	3,488	4,090	7,326	723	2,162	3,211	7,861	4,650	71.6	100.1	
	1899	35	.....	.....	272	2,033	2,209	5,480	283	1,017	1,689	3,928	2,239	.....	.....	
Salt.....	1909	124	5,580	74	570	4,936	27,263	29,012	719	2,531	5,203	11,328	6,125	5.8	20.0	
	1904	146	5,171	87	418	4,666	19,434	25,596	487	2,066	4,106	9,438	5,272	-2.3	18.5	
	1899	159	.....	.....	406	4,774	23,865	27,123	500	1,911	3,396	7,967	4,631	.....	.....	
Sand and emery paper and cloth.	1909	10	779	9	159	611	3,351	4,400	210	370	2,382	4,358	1,976	100.3	195.1	
	1904	8	356	11	40	305	1,133	1,206	78	183	1,055	1,477	422	11.3	25.6	
	1899	9	.....	.....	63	274	898	1,372	98	144	681	1,176	495	.....	.....	
Saws.....	1909	96	5,757	84	841	4,832	11,852	14,855	966	2,856	4,912	11,536	6,624	3.9	17.5	
	1904	83	5,301	75	576	4,650	7,491	11,288	623	2,707	4,036	9,820	5,784	44.6	52.4	
	1899	96	.....	.....	312	3,215	8,509	8,509	329	2,600	2,600	6,444	3,844	.....	.....	
Scales and balances.....	1909	87	4,275	44	672	3,559	6,183	10,183	815	2,186	2,704	8,786	6,082	13.6	46.4	
	1904	85	3,641	77	431	3,133	3,251	8,513	477	1,755	1,633	6,003	4,370	12.9	14.6	
	1899	86	.....	.....	305	2,775	2,466	6,308	297	1,437	1,533	5,240	3,707	.....	.....	
Screws, machine.....	1909	43	1,863	32	164	1,667	3,319	3,728	199	970	1,160	3,014	1,854	-15.2	11.1	
	1904	26	2,189	15	209	1,965	3,201	4,133	244	942	951	2,712	1,761	26.2	31.7	
	1899	25	.....	.....	108	1,557	1,407	2,467	126	703	797	2,059	1,262	.....	.....	
Screws, wood.....	1909	11	3,758	1	293	3,464	5,618	9,570	375	1,454	2,309	6,199	3,890	132.8	190.5	
	1904	7	1,647	1	158	1,488	3,715	5,969	193	556	732	2,134	1,402	-24.5	-17.9	
	1899	8	.....	.....	139	1,970	3,490	5,465	169	721	923	2,600	1,677	.....	.....	
Sewing machines, cases, and attachments.	1909	47	20,556	14	1,246	19,296	19,426	33,104	1,423	11,102	11,455	28,262	16,807	12.7	8.1	
	1904	54	18,064	19	924	17,121	17,162	32,583	1,152	9,493	10,701	26,142	15,441	28.1	23.7	
	1899	64	.....	.....	704	13,365	10,069	20,804	933	7,331	9,458	21,125	11,667	.....	.....	
Shipbuilding, including boat building.	1909	1,353	44,949	1,463	2,980	40,506	88,063	126,118	4,035	25,268	31,214	73,360	42,146	-20.2	-11.4	
	1904	1,097	54,424	1,190	2,480	50,754	78,127	121,624	3,340	29,241	37,463	82,769	45,306	8.6	11.1	
	1899	1,107	.....	.....	1,405	46,747	61,797	77,341	2,007	24,825	33,475	74,532	41,057	.....	.....	
Shoddy.....	1909	88	2,320	83	196	2,041	13,820	6,887	290	907	5,001	7,446	2,445	-2.3	-11.4	
	1904	97	2,371	110	172	2,089	12,244	5,804	245	835	6,056	8,406	2,350	8.5	24.9	
	1899	105	.....	.....	139	1,926	11,455	5,273	167	749	4,875	6,731	1,856	.....	.....	
Show cases.....	1909	149	3,943	154	399	3,390	4,746	5,369	505	2,017	3,140	7,167	4,027	10.0	25.3	
	1904	141	3,522	135	305	3,082	4,087	3,143	330	1,681	2,374	5,722	3,348	126.1	131.8	
	1899	102	.....	.....	106	1,363	1,232	1,153	88	708	1,058	2,468	1,410	.....	.....	
Signs and advertising novelties. <sup>1</sup>	1909	288	7,277	211	1,526	5,540	3,790	9,647	1,476	3,105	4,709	13,546	8,837	.....	.....	
Silk and silk goods, in- cluding throwsters.	1909	852	105,238	604	5,537	99,037	97,947	152,158	7,527	38,570	107,767	196,912	89,145	24.4	47.7	
	1904	624	84,153	525	4,027	79,601	71,760	109,557	4,742	26,768	75,861	133,288	57,427	21.7	24.3	
	1899	483	.....	.....	2,057	65,416	57,397	81,082	3,134	20,982	62,407	107,256	44,849	.....	.....	
Silverware and plated ware.	1909	183	18,774	114	2,050	16,610	15,183	46,759	2,745	10,282	18,332	42,229	23,897	11.8	28.6	
	1904	158	16,306	120	1,324	14,861	12,873	37,732	1,730	8,625	14,459	32,840	18,381	21.8	25.8	
	1899	109	.....	.....	1,129	12,205	8,486	30,628	1,457	6,531	11,659	26,114	14,455	.....	.....	
Slaughtering and meat packing.	1909	1,641	108,716	1,659	17,329	89,728	208,707	383,249	20,054	51,645	1,202,828	1,370,568	167,740	19.0	48.6	
	1904	1,221	88,819	1,324	12,096	75,399	119,311	240,419	13,453	41,067	811,426	922,038	110,612	8.9	17.0	
	1899	1,080	.....	.....	10,317	69,264	87,060	190,209	10,211	33,846	685,310	788,368	103,058	.....	.....	
Smelting and refining, copper.	1909	38	16,832	7	1,197	15,628	158,126	111,443	2,419	13,396	333,532	378,806	45,274	22.6	57.3	
	1904	40	13,562	1	809	12,752	76,324	76,825	1,527	10,827	196,737	240,780	44,043	12.6	45.8	
	1899	47	.....	.....	488	11,324	61,630	53,063	955	8,529	122,174	165,132	42,958	.....	.....	
Smelting and refining, lead.	1909	28	8,059	.....	635	7,424	26,954	132,310	1,476	5,431	151,963	167,406	15,443	-2.0	-9.9	
	1904	32	8,102	5	524	7,573	25,667	63,823	888	5,375	168,958	185,827	16,869	-9.0	5.9	
	1899	39	.....	.....	425	8,319	16,342	72,149	755	5,089	144,195	175,466	31,271	.....	.....	
Smelting and refining, zinc.	1909	29	7,156	3	498	6,655	21,457	27,760	993	4,210	25,230	34,206	8,976	1.9	38.0	
	1904	31	6,884	2	354	6,528	18,404	23,702	581	3,856	17,028	24,791	7,763	34.1	36.3	
	1899	31	.....	.....	208	4,869	11,145	14,142	440	2,356	13,286	18,188	4,902	.....	.....	
Smelting and refining, not from the ore.	1909	89	2,596	73	376	2,147	10,705	13,834	570	1,281	23,162	28,072	4,910	25.4	61.3	
	1904	65	1,994	57	225	1,712	17,111	9,807	354	995	13,760	17,403	3,643	74.2	123.5	
	1899	61	.....	.....	203	983	8,633	5,201	229	532	5,900	7,785	1,885	.....	.....	

<sup>1</sup> Included in other classifications in 1904 and 1899.



## STATES, CITIES, AND INDUSTRIES.

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COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.		Cen- sus.	Num- ber of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).	PER CENT OF INCREASE.	
INDUSTRY.	Total.			Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (aver- age num- ber).								Value of prod- ucts.	
																Expressed in thousands.
Soap <sup>1</sup> .....	1909	420	18,393	329	5,065	12,999	28,360	\$71,951	\$5,506	\$6,227	\$72,179	\$111,358	\$39,179	17.7	63.1	
	1904	436	14,501	399	3,058	11,044	20,228	54,816	3,503	4,763	43,626	68,275	24,649	16.4	28.3	
	1899	558	.....	.....	2,738	9,487	17,514	38,068	2,777	3,755	33,143	53,231	20,088	.....	.....	
Soda-water apparatus....	1909	63	2,399	40	562	1,797	2,894	8,589	624	1,239	2,443	6,556	4,11	22.3	41.5	
	1904	37	1,829	27	333	1,469	1,533	3,415	296	835	1,924	4,634	2,710	52.5	53.7	
	1899	30	.....	.....	227	963	1,183	4,202	244	550	997	3,015	2,018	.....	.....	
Sporting and athletic goods.	1909	180	5,993	155	517	5,321	3,243	6,617	617	2,165	5,565	11,052	5,487	24.9	57.2	
	1904	152	4,757	136	361	4,260	2,995	4,249	319	1,641	2,963	7,032	4,069	91.5	93.8	
	1899	143	.....	.....	168	2,225	1,133	2,015	167	810	1,802	3,628	1,826	.....	.....	
Springs, steel, car and carriage.	1909	54	3,573	24	353	3,196	7,349	8,784	590	1,853	4,727	9,005	4,278	29.1	56.9	
	1904	52	2,774	28	270	2,476	5,510	4,016	353	1,243	2,742	5,741	2,999	17.8	0.9	
	1899	48	.....	.....	166	2,102	3,185	4,684	275	1,061	3,025	5,690	2,665	.....	.....	
Stationery goods, not elsewhere specified.	1909	153	7,938	103	1,629	6,206	6,842	13,508	1,897	2,736	7,744	16,647	8,903	44.5	87.7	
	1904	143	5,095	115	685	4,295	3,396	6,929	751	1,500	3,920	8,867	4,947	41.7	75.0	
	1899	113	.....	.....	453	3,032	1,706	4,495	412	968	2,128	5,066	2,938	.....	.....	
Statuary and art goods <sup>2</sup>	1909	194	2,172	275	198	1,699	462	2,221	225	1,339	680	3,442	2,762	12.7	42.4	
	1904	135	1,812	191	114	1,507	466	1,669	127	1,030	392	2,417	2,025	.....	.....	
Steam packing.....	1909	153	4,968	82	1,238	3,648	11,129	14,126	1,356	1,811	6,650	12,160	5,510	33.4	35.8	
	1904	106	3,240	56	450	2,734	8,846	12,253	594	1,273	3,896	8,952	5,056	138.4	156.2	
	1899	97	.....	.....	290	1,147	4,488	2,691	326	525	1,546	3,494	1,948	.....	.....	
Stereotyping and electro- typing.	1909	174	3,661	133	678	2,850	4,076	3,826	800	2,312	1,765	6,384	4,619	6.4	27.6	
	1904	146	3,301	132	490	2,679	2,878	3,298	517	1,993	1,032	5,005	3,973	11.3	32.7	
	1899	140	.....	.....	330	2,408	1,470	2,389	312	1,459	767	3,772	3,005	.....	.....	
Stoves and furnaces, in- cluding gas and oil stoves. <sup>3</sup>	1909	576	42,921	244	5,547	37,130	45,524	86,944	6,975	22,944	29,338	78,853	49,515	11.2	26.9	
	1904	494	37,292	306	3,582	33,404	32,017	62,953	4,499	19,770	22,271	62,133	39,862	.....	.....	
Sugar and molasses, not including beet sugar. <sup>4</sup>	1909	233	15,658	204	1,928	13,526	160,603	153,167	2,392	7,484	247,583	279,249	31,666	-0.2	0.7	
	1904	344	15,799	364	1,886	13,649	140,650	165,468	2,154	7,576	244,753	277,285	32,532	-4.1	15.7	
	1899	657	.....	.....	1,867	14,129	152,569	184,033	1,682	6,918	221,385	239,711	18,326	.....	.....	
Sulphuric, nitric, and mixed acids. <sup>5</sup>	1909	42	2,582	.....	330	2,252	6,494	18,726	551	1,495	5,386	9,884	4,498	-8.0	9.2	
	1904	32	2,757	2	308	2,447	5,416	12,762	556	1,505	4,973	9,053	4,080	.....	.....	
Surgical appliances and artificial limbs.	1909	324	5,805	316	1,248	4,241	5,752	11,045	1,488	2,129	5,372	12,399	7,027	34.5	70.6	
	1904	284	4,049	289	607	3,153	3,214	5,825	594	1,376	2,866	7,269	4,403	76.3	55.3	
	1899	306	.....	.....	440	1,788	1,254	2,778	414	767	1,418	4,682	3,264	.....	.....	
Tin plate and terneplate.	1909	31	5,846	4	490	5,352	8,154	10,995	620	3,315	41,889	47,970	6,081	10.4	36.0	
	1904	36	5,132	1	284	4,847	8,990	10,813	310	2,383	31,376	35,283	3,907	32.0	10.6	
	1899	57	.....	.....	333	3,671	3,515	6,650	291	1,890	26,728	31,802	5,164	.....	.....	
Tin foil.....	1909	10	762	8	71	683	1,699	2,505	92	304	2,277	3,419	1,142	-10.8	22.3	
	1904	14	847	11	70	766	1,388	1,918	86	303	1,888	2,795	907	31.6	75.5	
	1899	15	.....	.....	45	582	854	2,094	59	228	1,074	1,593	519	.....	.....	
Tobacco manufactures...	1909	15,822	197,637	17,634	13,193	166,810	28,514	245,660	16,779	69,355	177,186	416,605	239,509	4.6	25.8	
	1904	16,827	187,652	19,011	9,235	159,406	24,604	323,982	8,800	62,639	126,086	331,111	205,025	20.3	25.6	
	1899	14,959	.....	.....	7,836	132,526	22,296	111,517	8,593	47,975	92,867	263,713	170,846	.....	.....	
Toys and games.....	1909	226	6,072	185	582	5,305	5,323	6,541	661	2,227	3,554	8,264	4,710	22.5	48.2	
	1904	161	4,792	133	329	4,330	4,757	4,831	366	1,615	2,289	5,578	3,289	30.6	39.1	
	1899	169	.....	.....	204	3,316	3,155	3,279	184	1,119	1,665	4,010	2,345	.....	.....	
Turpentine and rosin....	1909	1,585	44,524	2,567	2,446	39,511	4,129	12,401	1,655	9,363	4,911	25,295	20,384	18.4	5.7	
	1904	1,287	37,526	1,997	2,147	33,382	1,175	6,961	1,152	8,383	3,775	23,937	20,162	-20.3	17.7	
	1899	1,503	.....	.....	1,889	41,864	866	11,848	779	8,394	6,186	20,345	14,159	.....	.....	
Type founding and print- ing materials.	1909	122	2,597	78	493	2,026	1,948	6,793	560	1,191	1,772	4,703	2,931	12.4	19.5	
	1904	98	2,255	84	368	1,803	1,497	5,926	387	1,123	1,119	3,935	2,816	-9.1	0.1	
	1899	92	.....	.....	247	1,984	1,331	3,175	274	1,036	1,270	3,931	2,661	.....	.....	
Typewriters and supplies	1909	89	12,101	34	2,489	9,578	6,845	26,309	2,707	6,221	4,077	19,719	15,642	53.7	85.3	
	1904	66	7,509	29	1,248	6,232	4,455	16,642	1,246	3,469	1,870	10,640	8,770	43.3	53.5	
	1899	47	.....	.....	532	4,340	2,272	8,400	480	2,404	1,402	6,932	5,530	.....	.....	
Umbrellas and canes.....	1909	256	6,505	299	734	5,472	2,413	9,556	915	2,253	10,056	15,864	5,808	1.6	19.3	
	1904	264	6,155	242	527	5,386	2,122	8,951	474	1,826	8,250	13,296	5,046	-4.5	-2.7	
	1899	262	.....	.....	587	5,640	1,457	4,605	504	1,869	8,381	13,669	5,288	.....	.....	
Upholstering materials...	1909	230	4,777	214	496	4,067	17,456	10,297	587	1,689	8,069	13,054	4,985	-13.7	3.0	
	1904	236	5,405	244	449	4,712	15,604	9,293	526	1,867	7,977	12,078	4,701	-7.6	26.2	
	1899	270	.....	.....	338	5,098	11,351	7,594	364	1,715	5,882	10,048	4,166	.....	.....	
Vault lights and ventila- tors.	1909	37	453	27	99	327	234	607	109	228	338	957	619	47.3	97.7	
	1904	24	278	28	28	222	174	241	31	154	161	484	323	60.9	43.2	
	1899	14	.....	.....	11	138	103	121	13	81	141	338	197	.....	.....	
Vinegar and cider.....	1909	963	3,073	1,050	481	1,542	16,681	10,879	539	723	4,964	8,448	3,484	0.9	16.3	
	1904	568	2,514	645	341	1,528	10,556	7,520	359	725	3,852	7,265	3,413	-1.9	22.5	
	1899	613	.....	.....	451	1,557	16,849	5,630	391	652	3,134	5,932	2,798	.....	.....	
Wall paper.....	1909	45	4,746	10	699	4,037	5,680	14,153	1,054	2,039	7,623	14,449	6,826	3.2	14.3	
	1904	44	4,425	15	497	3,913	4,867	12,354	692	1,868	6,658	12,637	5,979	-6.2	18.5	
	1899	51	.....	.....	512	4,172	4,573	8,890	817	2,074	6,073	10,663	4,590	.....	.....	

<sup>1</sup> Includes "candles" in 1899.<sup>2</sup> Included in other classifications in 1899.<sup>3</sup> "Stoves and furnaces, not including gas and oil stoves," included in "foundry and machine-shop products" in 1899.<sup>4</sup> Includes 214 establishments reported as "sugar and molasses" and 19 as "sugar, refining, not including beet sugar," in 1909.<sup>5</sup> Included in "chemicals" in 1899.



## ABSTRACT OF THE CENSUS—MANUFACTURES.

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.		Cen- sus.	Num- ber of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).	PER CENT OF INCREASE.	
INDUSTRY.	Total.			Pro- pri- tors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (aver- age num- ber).								Value of prod- ucts.	
																Expressed in thousands.
Wall plaster <sup>1</sup> .....	1909	198	5,624	60	773	4,791	25,892	\$16,885	\$1,049	\$2,391	\$6,007	\$12,804	\$6,797	27.5	26.0	
	1904	176	4,459	72	629	3,758	20,054	13,204	620	1,890	4,726	10,164	5,438			
Washing machines and clothes wringers.	1909	100	2,294	76	383	1,835	3,351	5,318	466	904	2,837	5,825	2,988	13.1	51.7	
	1904	92	1,861	68	171	1,622	3,564	2,952	148	684	2,213	3,839	1,626	7.5	2.8	
	1899	118			104	1,509	2,732	2,405	104	549	2,175	3,735	1,560			
Waste.....	1909	53	2,129	41	191	1,897	4,286	6,125	290	716	8,837	11,398	2,561	21.7	36.6	
	1904	41	1,716	41	116	1,559	3,863	3,586	164	495	6,825	8,343	1,518	42.9	71.0	
	1899	25			58	1,091	2,193	2,437	85	327	4,000	4,880	880			
Wheelbarrows.....	1909	24	775	17	94	664	1,486	1,510	81	321	715	1,625	910	13.7	37.9	
	1904	26	665	12	69	584	1,282	1,045	76	296	494	1,178	684	81.9	159.5	
	1899	15			31	321	762	514	27	127	180	454	274			
Whips.....	1909	57	1,946	90	310	1,546	1,321	3,900	323	704	1,585	3,949	2,364	-0.5	25.5	
	1904	58	1,771	43	174	1,554	1,068	3,368	184	603	1,253	3,147	1,894	20.7	15.1	
	1899	60			228	1,287	818	1,894	246	478	1,278	2,734	1,456			
Windmills.....	1909	34	2,742	18	387	2,337	3,301	5,636	479	1,403	3,331	6,677	3,346	21.2	39.2	
	1904	53	2,341	25	387	1,929	3,694	5,837	392	969	2,308	4,796	2,487	-5.7	10.1	
	1899	68			281	2,045	2,214	4,309	250	940	2,172	4,354	2,182			
Window shades and fix- tures.	1909	219	4,770	194	645	3,930	5,737	10,334	807	1,918	12,653	18,571	5,918	49.8	107.9	
	1904	144	3,165	132	409	2,624	2,705	5,977	480	1,080	5,947	8,931	2,984	45.7	10.6	
	1899	96			292	1,801	1,927	5,184	323	752	5,575	8,072	2,497			
Wire.....	1909	56	19,945	15	1,846	18,084	71,959	60,157	2,199	10,316	60,543	84,486	23,943	281.8	122.8	
	1904	25	5,325	7	581	4,737	25,856	14,899	793	2,859	30,063	37,914	7,851	195.5	302.4	
	1899	29			94	1,603	9,979	4,242	136	860	7,014	9,421	2,407			
Wirework, including wire rope and cable.	1909	611	14,994	484	2,162	12,348	20,131	34,970	2,674	6,331	24,394	41,938	17,544	-7.7	26.9	
	1904	649	15,967	652	1,936	13,379	18,280	26,894	2,117	6,100	17,856	33,038	15,182	46.3	66.5	
	1899	596			995	9,142	12,772	16,345	940	3,894	10,813	19,840	9,027			
Wood carpet.....	1909	10	221	9	28	184	269	423	33	138	228	490	262	-50.7	-38.8	
	1904	20	445	22	50	373	473	330	45	269	351	801	450	-38.7	-24.2	
	1899	31			49	608	534	412	35	362	418	1,057	639			
Wood distillation, not in- cluding turpentine and rosin. <sup>2</sup>	1909	120	3,095	56	318	2,721	9,854	13,017	355	1,463	5,876	9,737	3,861	19.8	24.6	
	1904	141	2,655	82	301	2,272	4,620	10,507	298	1,067	4,848	7,813	2,965			
Wood preserving.....	1909	53	2,875	1	471	2,403	10,647	12,408	517	1,066	9,328	14,099	4,771	226.1	318.6	
	1904	26	859	7	115	737	3,439	2,935	158	315	2,463	3,368	905	54.2	40.6	
	1899	21			54	478	1,007	1,230	57	205	1,825	2,396	571			
Wood, turned and carved.	1909	1,050	16,243	1,097	1,007	14,139	48,447	18,334	1,045	6,213	9,744	22,199	12,455	-3.7	10.1	
	1904	1,097	16,837	1,226	924	14,687	47,595	16,842	829	6,031	8,578	20,109	11,591	27.1	40.9	
	1899	1,166			565	11,558	31,133	10,280	488	4,371	5,830	14,318	8,488			
Wool pulling.....	1909	37	759	37	91	631	1,366	3,248	132	387	4,103	5,181	1,078	-7.3	487.4	
	1904	34	786	40	65	681	1,324	2,534	74	365	104	882	778	43.4	66.1	
	1899	34			35	475	820	945	35	248	54	531	477			
Wool scouring.....	1909	28	1,262	18	102	1,142	6,782	3,258	143	558	2,122	3,289	1,167	46.6	212.3	
	1904	27	852	18	55	779	3,478	1,188	78	398	215	1,053	838	8.2	18.3	
	1899	25			45	720	2,900	1,061	72	339	194	890	696			
Woolen, worsted, and felt goods, and wool hats.	1909	985	175,176	732	5,722	168,722	362,309	430,579	10,097	72,427	282,878	435,979	153,101	15.0	36.5	
	1904	1,074	152,306	958	4,593	146,755	288,969	314,081	6,781	57,073	204,613	319,348	114,735	12.3	28.4	
	1899	1,281			3,808	130,697	244,825	265,730	5,874	46,812	153,930	248,798	94,868			
All other industries <sup>3</sup> .....	1909	8	132	11	25	96	136	254	39	67	115	390	275	-78.0	-63.1	
	1904	15	494	8	50	436	1,767	3,860	59	263	386	1,058	672	-64.1	-60.1	
	1899	17			97	1,215	2,354	4,078	113	687	988	2,650	1,662			

<sup>1</sup> Included in "lime and cement" in 1899.<sup>2</sup> Included in "chemicals" in 1899.<sup>3</sup> All other industries embrace "Millstones," 1 establishment; "ordnance and accessories," 2; "pulp, from fiber other than wood," 2; "straw goods, not elsewhere specified," 2; and "whalebone cutting," 1, in 1909. "Millstones," 2; "ordnance and accessories," 4; "pulp, from fiber other than wood," 1; "straw goods, not elsewhere specified," 6; "whalebone cutting," 2, in 1904. "Millstones," 3; "ordnance and accessories," 4; "pulp, from fiber other than wood," 3; "straw goods, not elsewhere specified," 4; "whalebone cutting," 3, in 1899.



## STATES, CITIES, AND INDUSTRIES.

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## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909, 1904, AND 1899.

NOTE.—Primary horsepower includes power generated in manufacturing establishments plus electric and other power rented from outside sources; it does not include electric power generated by primary units of the establishments reporting.

[A minus sign (—) denotes decrease.]

Table 111		PERSONS ENGAGED IN INDUSTRY.													Value added by manu- facture (value of products less cost of materials).		PER CENT OF INCREASE.	
DIVISION AND STATE.	Cen- sus.	Num- ber of estab- lish- ments.	Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of materials).	Wage earners (aver- age num- ber).	Value of prod- ucts.			
																Expressed in thousands.		
United States....	1909	268,491	7,678,578	273,265	790,267	6,615,046	18,675,376	\$18,428,276	\$938,575	\$3,427,038	\$12,142,791	\$20,672,052	\$8,529,261	21.0	39.7			
	1904	216,180	6,213,612	225,673	519,554	5,468,383	13,487,707	12,675,581	574,439	2,610,445	8,506,208	14,793,903	6,293,695	16.0	29.7			
	1899	207,514	.....	.....	364,120	4,712,763	10,097,893	8,975,256	380,771	2,068,361	6,575,851	11,406,927	4,831,076	.....	.....			
GEOGRAPHIC DIVISIONS:																		
New England.....	1909	25,351	1,212,158	24,171	86,697	1,101,290	2,715,121	2,503,854	112,284	557,631	1,476,297	2,670,065	1,193,768	17.1	31.8			
	1904	22,279	1,023,708	22,098	60,258	940,752	2,125,815	1,870,995	72,799	439,050	1,116,273	2,025,999	909,726	10.4	22.0			
	1899	22,576	.....	.....	45,402	851,903	1,792,342	1,507,630	53,396	367,674	904,037	1,660,348	756,311	.....	.....			
Middle Atlantic....	1909	81,315	2,576,677	85,516	283,414	2,207,747	5,531,502	6,505,675	345,266	1,182,568	4,159,498	7,141,761	2,982,263	17.0	36.9			
	1904	67,099	2,148,379	74,525	187,289	1,886,565	4,255,264	4,742,357	213,371	926,145	2,961,995	5,218,266	2,256,224	17.6	28.1			
	1899	65,834	.....	.....	127,326	1,604,844	3,139,128	3,450,619	141,943	729,365	2,311,404	4,074,719	1,763,315	.....	.....			
East North Central.	1909	60,013	1,786,808	57,271	215,773	1,513,764	4,382,070	4,547,225	250,508	827,152	3,034,472	5,211,702	2,177,230	23.6	44.6			
	1904	51,754	1,415,888	50,531	140,829	1,224,528	3,120,369	2,895,446	151,992	615,643	2,045,537	3,605,368	1,559,831	14.1	26.4			
	1899	50,521	.....	.....	103,350	1,073,322	2,401,808	2,056,117	101,500	473,040	1,647,577	2,853,056	1,205,479	.....	.....			
West North Central.	1909	27,171	464,460	26,683	63,440	374,337	1,101,990	1,171,572	69,504	204,792	1,241,855	1,803,899	562,044	19.8	40.4			
	1904	21,492	374,787	21,394	41,032	312,361	753,700	857,904	41,303	157,843	862,011	1,284,446	422,435	17.4	32.0			
	1899	20,732	.....	.....	30,606	266,051	605,098	577,453	29,127	117,209	647,565	972,969	325,404	.....	.....			
South Atlantic....	1909	28,088	745,830	30,783	52,032	663,015	1,832,001	1,368,475	57,272	244,378	790,005	1,381,186	591,181	26.9	41.8			
	1904	19,564	578,989	21,745	34,633	522,611	1,221,040	930,420	34,201	175,461	550,102	974,028	423,926	14.0	26.8			
	1899	19,144	.....	.....	24,368	458,344	851,050	583,328	22,408	130,864	395,686	711,800	316,114	.....	.....			
East South Central.	1909	15,381	305,465	17,208	26,485	261,772	1,036,560	586,276	29,008	102,191	336,163	630,488	294,325	18.3	35.8			
	1904	10,311	249,892	11,449	17,214	221,229	753,928	405,361	17,417	83,942	252,156	464,336	212,180	24.8	42.8			
	1899	10,058	.....	.....	11,204	177,208	513,425	234,014	10,385	56,003	176,506	325,086	148,580	.....	.....			
West South Central.	1909	12,339	240,902	12,944	23,438	204,520	873,350	547,739	25,382	97,646	382,131	625,443	243,312	42.6	50.6			
	1904	8,279	166,640	8,299	14,871	143,470	555,717	328,906	15,190	67,128	246,832	415,232	168,400	26.5	64.6			
	1899	7,174	.....	.....	8,255	113,388	397,471	193,969	7,334	42,715	153,510	252,314	98,804	.....	.....			
Mountain.....	1909	5,254	89,862	4,849	9,578	75,435	400,766	348,977	12,522	56,870	228,692	363,996	135,304	42.9	42.9			
	1904	3,610	61,812	3,302	5,720	52,790	241,825	220,569	7,541	39,046	152,813	254,663	101,850	18.6	32.8			
	1899	3,146	.....	.....	3,486	44,497	123,012	126,724	3,897	27,714	115,606	191,825	76,219	.....	.....			
Pacific.....	1909	13,579	256,416	13,840	29,410	213,166	802,016	848,477	36,829	153,810	403,678	843,512	349,834	29.9	52.9			
	1904	11,192	19,517	11,730	17,710	164,077	460,049	423,623	20,025	106,187	312,489	551,365	239,076	33.2	51.2			
	1899	8,329	.....	.....	10,123	123,206	274,559	245,402	10,781	63,777	223,960	364,810	140,850	.....	.....			
NEW ENGLAND:																		
Maine.....	1909	3,546	88,476	3,661	4,860	79,955	459,599	202,260	5,797	37,632	97,101	176,029	78,928	6.7	22.2			
	1904	3,145	82,109	3,379	3,772	74,958	343,627	143,708	3,989	32,692	80,042	144,020	63,978	7.2	27.5			
	1899	2,878	.....	.....	3,103	69,914	259,232	114,008	3,051	25,731	61,210	112,959	51,749	.....	.....			
New Hampshire....	1909	1,961	84,191	2,014	3,519	78,658	293,991	139,990	4,191	36,200	98,157	164,581	66,424	20.3	33.1			
	1904	1,618	69,738	1,726	2,666	65,366	218,344	109,495	2,972	27,693	73,216	123,611	50,395	—3.4	14.9			
	1899	1,771	.....	.....	2,068	67,646	200,975	92,146	2,200	25,850	60,163	107,591	47,428	.....	.....			
Vermont.....	1909	1,958	38,580	2,113	2,679	33,788	159,445	73,470	2,803	17,272	34,823	68,310	33,487	2.1	8.3			
	1904	1,099	37,015	1,856	2,053	33,106	140,616	62,659	2,103	15,221	32,430	63,084	30,654	17.5	22.5			
	1899	1,938	.....	.....	1,695	28,179	126,124	43,500	1,610	11,426	26,385	51,515	25,130	.....	.....			
Massachusetts.....	1909	11,684	644,399	11,194	48,646	584,559	1,175,071	1,279,687	63,279	301,174	830,765	1,490,529	659,764	19.7	32.6			
	1904	10,723	532,481	11,258	32,824	488,399	938,007	965,949	39,654	232,388	626,411	1,124,092	497,681	11.4	23.8			
	1899	10,929	.....	.....	25,256	438,234	796,061	781,808	29,480	195,278	498,055	907,027	408,972	.....	.....			
Rhode Island.....	1909	1,951	122,641	1,721	7,382	113,538	226,740	290,901	10,577	55,234	158,192	280,344	122,152	16.7	38.7			
	1904	1,617	104,299	1,561	5,420	97,318	181,017	215,901	7,041	43,113	112,872	202,110	89,238	10.3	22.1			
	1899	1,678	.....	.....	4,022	88,197	153,619	176,901	5,300	35,995	87,952	165,550	77,598	.....	.....			
Connecticut.....	1909	4,251	233,871	3,468	19,611	210,792	400,275	517,546	25,637	110,119	257,259	490,272	233,013	16.1	32.8			
	1904	3,477	198,046	2,918	13,523	181,605	304,204	373,283	17,040	87,942	191,302	369,082	177,780	13.7	17.1			
	1899	3,382	.....	.....	9,258	159,733	256,331	299,207	11,755	73,394	169,672	315,106	145,434	.....	.....			
MIDDLE ATLANTIC:																		
New York.....	1909	44,935	1,203,241	47,569	151,691	1,003,981	1,997,662	2,779,497	186,032	557,231	1,856,904	3,369,490	1,512,586	17.2	35.4			
	1904	37,194	996,725	41,766	98,012	856,947	1,516,592	2,031,460	111,145	430,015	1,348,603	2,488,346	1,139,743	17.9	32.9			
	1899	35,957	.....	.....	68,030	726,909	1,099,931	1,523,503	76,740	337,324	1,018,377	1,871,831	853,454	.....	.....			
New Jersey.....	1909	8,417	371,265	8,204	36,838	326,223	612,293	977,172	48,337	169,710	720,034	1,145,529	425,495	22.5	47.9			
	1904	7,010	296,202	6,730	23,196	266,336	436,274	715,060	28,957	128,109	470,449	774,309	303,920	24.5	40.0			
	1899	6,415	.....	.....	15,361	213,975	322,503	477,301	19,058	95,165	334,726	553,006	218,280	.....	.....			
Pennsylvania.....	1909	27,563	1,002,171	29,743	94,885	877,543	2,921,547	2,749,006	110,897	455,627	1,582,560	2,626,742	1,044,182	15.0	34.3			
	1904	23,495	855,392	26,029	66,081	763,282	2,302,398	1,995,837	73,209	367,961	1,142,943	1,955,551	812,608	15.0	18.5			
	1899	23,462	.....	.....	43,935	663,960	1,716,694	1,449,815	46,145	296,876	958,301	1,649,882	691,581	.....	.....			
EAST NORTH CENTRAL:																		
Ohio.....	1909	15,138	523,004	14,719	61,351	446,934	1,583,155	1,300,733	72,147	245,450	824,202	1,437,936	613,734	22.7	49.7			
	1904	13,785	417,946	13,657	39,991	364,298	1,116,932	856,989	43,435	182,429	527,637	960,812	433,175	18.2	28.3			
	1899	13,868	.....	.....	28,109	308,109	783,665	570,909	28,151	136,428	409,303	748,671	339,368	.....	.....			
Indiana.....	1909	7,969	218,263	7,674	23,605	186,984	633,377	508,717	26,305	95,510	334,375	57						



## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

Table 111—Contd.		Cen- sus.	Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of materials).	PER CENT OF INCREASE.	
DIVISION AND STATE.	Total.			Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (average num- ber).								Value of prod- ucts.	
Expressed in thousands.																
EAST NORTH CENTRAL—Continued.																
Michigan.....	1909	9,159	271,071	8,965	30,607	231,499	598,288	\$583,947	\$34,870	\$118,968	\$368,612	\$685,109	\$316,497	32.1	59.7	
	1904	7,446	200,196	7,732	17,235	175,229	440,890	337,894	17,470	81,279	230,081	429,120	199,039	12.5	34.2	
	1899	7,310	.....	.....	13,350	155,800	368,497	246,996	12,336	62,532	175,966	319,692	143,726	.....	.....	
Wisconsin.....	1909	9,721	213,426	8,556	22,287	182,583	554,179	605,657	25,737	93,905	346,356	590,305	243,949	20.6	43.6	
	1904	8,558	173,572	7,961	14,220	151,391	440,234	412,647	15,498	71,472	227,255	411,140	183,885	10.1	25.8	
	1899	7,841	.....	.....	10,480	137,525	364,380	286,061	10,493	55,696	185,695	326,753	141,058	.....	.....	
WEST NORTH CENTRAL:																
Minnesota.....	1909	5,561	104,406	5,376	14,263	84,767	297,670	275,416	15,451	47,471	281,622	409,420	127,798	21.7	33.0	
	1904	4,756	83,301	4,524	9,141	69,636	220,934	184,903	9,033	35,843	210,554	307,858	97,304	7.9	37.6	
	1899	4,096	.....	.....	6,625	64,557	180,124	133,077	6,064	29,029	150,299	223,693	73,394	.....	.....	
Iowa.....	1909	5,528	78,360	5,323	11,402	61,635	155,384	171,219	10,972	32,542	170,707	259,238	88,531	24.6	61.4	
	1904	4,785	61,361	4,758	7,122	49,481	118,065	111,428	5,948	22,997	102,844	160,572	57,728	11.4	20.8	
	1899	4,828	.....	.....	5,159	44,420	106,664	85,668	4,233	18,021	85,779	132,871	47,092	.....	.....	
Missouri.....	1909	8,375	185,705	8,226	24,486	152,993	340,467	444,343	28,994	80,843	354,411	574,111	219,700	14.9	30.6	
	1904	6,464	156,585	6,299	17,119	133,167	247,861	379,369	19,002	66,644	252,258	439,549	187,291	23.6	39.0	
	1899	6,853	.....	.....	12,474	107,704	189,117	223,781	13,295	46,714	184,189	316,304	132,115	.....	.....	
North Dakota.....	1909	752	4,148	723	636	2,789	13,196	11,585	629	1,787	13,674	19,137	5,463	58.9	87.3	
	1904	507	2,545	494	296	1,755	9,873	5,704	258	1,032	7,096	10,218	3,122	29.2	63.2	
	1899	337	.....	.....	152	1,358	7,351	3,512	130	671	4,151	6,260	2,109	.....	.....	
South Dakota.....	1909	1,020	5,226	942	682	3,602	17,666	13,018	616	2,297	11,476	17,870	6,394	44.5	36.6	
	1904	686	3,582	649	441	2,492	11,154	7,585	294	1,422	8,697	13,086	4,389	12.0	37.3	
	1899	624	.....	.....	288	2,224	11,775	6,051	175	1,130	6,484	9,530	3,046	.....	.....	
Nebraska.....	1909	2,500	31,966	2,522	5,108	24,336	64,466	99,901	5,491	13,948	151,081	199,019	47,938	20.1	28.5	
	1904	1,819	25,356	1,904	3,192	20,260	46,372	80,235	3,075	11,022	124,052	154,918	30,896	8.5	18.9	
	1899	1,695	.....	.....	2,296	18,669	41,825	65,906	2,107	8,842	95,925	130,302	34,377	.....	.....	
Kansas.....	1909	3,435	54,649	3,571	6,863	44,215	213,141	156,090	7,351	25,904	258,884	325,104	66,220	24.3	64.0	
	1904	2,475	42,067	2,766	3,721	35,570	99,441	88,680	3,693	18,883	156,510	198,245	41,735	31.2	28.7	
	1899	2,299	.....	.....	3,612	27,119	68,242	59,458	3,123	12,802	120,738	154,009	33,271	.....	.....	
SOUTH ATLANTIC:																
Delaware.....	1909	726	23,984	722	2,024	21,238	52,779	60,906	2,322	10,296	30,938	52,840	21,902	15.0	28.4	
	1904	631	20,567	641	1,451	18,475	49,490	50,926	1,629	8,158	24,884	41,160	16,276	-10.2	-0.4	
	1899	633	.....	.....	1,189	20,562	40,134	38,791	1,337	8,457	24,725	41,321	16,506	.....	.....	
Maryland.....	1909	4,837	125,489	5,376	12,192	107,921	218,244	251,227	13,617	45,436	199,049	315,669	116,620	14.6	29.7	
	1904	3,852	107,303	4,505	8,624	94,174	165,449	201,878	8,844	36,144	150,024	243,376	93,352	(*)	15.3	
	1899	3,886	.....	.....	6,741	94,170	132,052	149,155	6,845	32,414	129,355	211,076	81,721	.....	.....	
District of Columbia.....	1909	518	9,758	475	1,576	7,707	16,563	30,553	1,846	4,989	10,247	25,289	15,042	22.4	37.7	
	1904	482	7,778	473	1,006	6,299	12,592	20,200	1,207	3,659	7,732	18,359	10,627	2.3	11.8	
	1899	491	.....	.....	957	6,155	10,255	17,961	872	3,023	7,475	16,426	8,951	.....	.....	
Virginia.....	1909	5,685	120,797	6,570	8,551	105,676	283,928	216,392	9,101	38,154	125,583	219,794	94,211	31.6	47.7	
	1904	3,187	88,898	3,643	4,970	80,285	176,988	147,989	4,875	27,943	83,649	148,857	65,208	21.2	37.0	
	1899	3,186	.....	.....	3,828	66,223	136,696	92,300	3,630	20,274	59,360	108,644	49,284	.....	.....	
West Virginia.....	1909	2,586	71,463	2,599	4,971	63,893	217,496	150,922	5,710	33,000	92,878	161,949	69,071	46.0	63.5	
	1904	2,109	48,880	2,230	4,375	53,758	138,578	86,821	2,899	21,153	54,419	99,041	44,622	32.3	47.8	
	1899	1,824	.....	.....	1,744	33,080	91,894	49,103	1,519	12,640	37,228	67,007	29,779	.....	.....	
North Carolina.....	1909	4,931	133,453	5,451	6,529	121,473	378,556	217,185	6,903	34,355	121,861	216,656	94,795	42.3	52.0	
	1904	3,272	93,142	3,731	4,072	85,339	216,622	141,001	3,795	21,375	79,268	142,521	63,253	18.0	67.1	
	1899	3,465	.....	.....	2,894	72,322	154,467	68,283	2,395	14,052	44,854	85,274	40,420	.....	.....	
South Carolina.....	1909	1,854	78,040	1,737	3,257	73,046	276,378	173,221	3,756	20,361	66,351	113,236	46,885	22.9	42.7	
	1904	1,399	63,071	1,241	2,389	59,441	197,479	113,422	2,355	13,809	49,999	79,376	29,407	26.4	48.8	
	1899	1,369	.....	.....	1,419	47,025	112,097	62,750	1,307	9,130	30,486	53,336	22,850	.....	.....	
Georgia.....	1909	4,792	118,036	5,141	8,367	104,588	298,241	202,778	9,062	34,805	116,970	202,863	85,893	12.8	34.3	
	1904	3,219	102,365	3,512	6,104	92,749	220,419	135,211	5,927	27,393	83,625	151,040	67,415	11.3	59.8	
	1899	3,015	.....	.....	3,815	83,336	136,499	79,303	3,204	19,958	49,356	94,532	45,176	.....	.....	
Florida.....	1909	2,159	64,810	2,712	4,025	57,473	89,816	65,291	4,955	22,982	26,128	72,890	46,762	36.5	44.9	
	1904	1,413	46,985	1,709	3,125	42,091	43,413	32,972	2,670	15,767	16,532	59,298	33,766	18.7	47.1	
	1899	1,275	.....	.....	1,781	35,471	36,356	25,682	1,299	10,916	12,847	34,184	21,337	.....	.....	
EAST SOUTH CENTRAL:																
Kentucky.....	1909	4,776	79,060	5,059	8,610	65,400	230,224	172,779	9,603	27,888	111,779	223,754	111,975	9.4	40.1	
	1904	3,734	69,755	4,108	5,853	59,794	174,625	147,282	5,871	24,439	86,545	159,754	73,209	15.6	26.3	
	1899	3,648	.....	.....	4,356	51,735	144,161	87,996	4,185	18,454	67,406	126,509	59,103	.....	.....	
Tennessee.....	1909	4,609	87,672	5,415	8,417	73,840	242,277	167,924	9,186	28,251	104,016	180,217	76,201	21.9	30.6	
	1904	3,175	69,287	3,805	4,910	60,572	175,780	102,440	5,081	22,806	79,352	137,961	58,609	31.8	48.7	
	1899	3,116	.....	.....	3,329	45,963	130,318	63,140	3,048	14,727	54,559	92,749	38,190	.....	.....	
Alabama.....	1909	3,398	81,972	3,769	6,055	72,148	357,837	173,180	6,565	27,284	83,442	145,962	62,520	16.0	33.7	
	1904	1,882	67,884	1,948	3,763	62,173	293,185	105,383	3,867	21,878	60,458	109,170	48,712	18.0	51.4	
	1899	2,000	.....	.....	2,259	52,711	173,308	60,166	2,059	14,912	37,998	72,110	34,112	.....	.....	
Mississippi.....	1909	2,598	56,761	2,974	3,403	50,384	206,222	72,393	3,654	18,768	36,926	80,555	43,629	30.2	40.2	
	1904	1,520	42,966	1,588	2,688	38,090	110,338	50,256	2,598	14,819	25,801	57,451	31,650	44.4	70.4	
	1899															



## STATES, CITIES, AND INDUSTRIES.

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## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

Table 111—Contd.		Cen- sus.	Num- ber of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of materials).	PER CENT OF INCREASE.	
DIVISION AND STATE.	Total.			Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (aver- age num- ber).								Value of prod- ucts.	
																Expressed in thousands.
WEST SOUTH CENTRAL:																
Arkansas.....	1909	2,925	51,730	3,455	3,293	44,982	173,088	\$70,174	\$3,461	\$19,113	\$34,935	\$74,916	\$39,981	35.9	39.1	
	1904	1,907	37,557	2,140	2,328	33,089	109,509	46,306	2,310	14,544	21,799	53,865	32,066	5.0	35.0	
	1899	1,746			1,549	31,525	79,560	25,385	1,262	10,184	18,288	39,888	21,600			
Louisiana.....	1909	2,516	86,563	2,295	8,103	76,165	346,652	221,816	9,008	33,386	134,865	223,949	89,084	36.4	20.2	
	1904	2,091	63,735	1,899	5,977	55,839	251,963	150,811	6,044	25,316	117,035	186,380	69,345	36.6	67.3	
	1899	1,826			3,576	40,878	190,182	100,875	2,934	14,725	75,404	111,398	35,994			
Oklahoma.....	1909	2,310	18,034	2,698	2,193	13,143	71,139	38,873	2,045	7,240	34,153	53,682	19,529	140.9	119.5	
	1904	1,123	7,456	1,187	813	5,456	29,608	16,124	718	2,799	16,394	24,459	8,065	129.1	200.7	
	1899	495			209	2,381	11,572	4,054	219	894	5,430	8,134	2,704			
Texas.....	1909	4,588	84,575	4,496	9,849	70,230	282,471	216,876	10,868	37,907	178,178	272,896	94,718	43.1	81.3	
	1904	3,158	57,892	3,073	5,753	49,066	164,637	115,665	6,118	24,469	91,604	150,528	58,924	27.1	62.0	
	1899	3,107			2,861	38,604	116,157	63,655	2,919	16,912	54,388	92,894	38,506			
MOUNTAIN:																
Montana.....	1909	677	13,694	639	1,380	11,655	90,402	44,588	2,054	10,901	49,180	73,272	24,092	30.1	10.3	
	1904	382	10,196	334	905	8,957	46,736	52,590	1,506	8,652	40,930	66,415	25,485	-9.1	25.9	
	1899	395			508	9,854	43,679	38,225	786	7,377	30,068	52,745	22,677			
Idaho.....	1909	725	9,909	831	858	8,220	42,804	32,477	984	5,498	9,920	22,400	12,480	168.5	155.4	
	1904	364	3,791	371	359	3,061	16,987	9,689	379	2,059	4,069	8,769	4,700	97.2	192.2	
	1899	287			92	1,552	5,649	2,130	66	818	1,439	3,001	1,562			
Wyoming.....	1909	268	3,393	263	263	2,867	7,628	6,195	311	2,081	2,608	6,249	3,641	56.3	77.4	
	1904	169	2,163	150	179	1,834	3,604	2,696	206	1,261	1,301	3,523	2,222	-11.0	7.8	
	1899	139			87	2,060	3,820	2,048	91	1,209	1,370	3,268	1,898			
Colorado.....	1909	2,034	34,115	1,722	4,326	28,067	154,615	162,668	5,648	19,912	80,491	130,044	49,553	28.7	29.9	
	1904	1,606	25,888	1,398	2,677	21,813	124,907	107,664	3,549	15,100	63,114	100,144	37,030	11.9	12.4	
	1899	1,323			1,870	19,498	43,434	58,173	2,059	11,708	60,751	89,068	28,317			
New Mexico.....	1909	313	4,766	288	335	4,143	15,465	7,743	383	2,591	3,261	7,898	4,637	19.1	38.4	
	1904	199	3,891	189	224	3,478	5,948	4,638	264	2,153	2,236	5,706	3,470	39.7	40.5	
	1899	174			88	2,490	3,658	2,161	91	1,199	1,999	4,061	2,062			
Arizona.....	1909	311	7,202	261	500	6,441	39,140	32,873	798	5,505	33,600	50,257	16,657	34.4	79.0	
	1904	169	5,217	133	291	4,793	21,412	14,396	472	3,969	14,595	28,083	13,488	53.3	37.4	
	1899	154			205	3,126	8,537	9,517	209	2,287	7,877	20,439	12,562			
Utah.....	1909	749	14,133	688	1,660	11,785	42,947	52,627	1,966	8,400	41,266	61,989	20,723	46.4	59.2	
	1904	606	9,650	619	979	8,052	19,397	26,004	1,039	5,158	24,940	38,927	13,987	48.8	116.5	
	1899	575			599	5,413	12,674	13,219	501	2,763	11,440	17,982	6,542			
Nevada.....	1909	177	2,650	137	256	2,257	7,765	9,806	378	1,982	8,366	11,887	3,521	181.4	283.9	
	1904	115	1,016	108	106	802	2,834	2,892	126	694	1,628	3,096	1,468	59.1	145.5	
	1899	99			37	504	1,561	1,251	34	353	662	1,261	599			
PACIFIC:																
Washington.....	1909	3,674	80,118	3,264	7,734	69,120	297,897	222,261	9,827	49,766	117,888	220,746	102,858	52.9	71.4	
	1904	2,751	51,459	2,602	3,658	45,199	168,342	96,953	4,093	30,087	66,166	128,822	62,656	43.4	81.9	
	1899	1,926			2,103	31,623	87,601	41,575	2,064	17,065	38,277	70,831	32,554			
Oregon.....	1909	2,246	34,722	2,499	3,473	28,750	175,019	89,082	4,047	19,902	50,532	93,005	42,453	55.2	67.5	
	1904	1,602	22,018	1,726	1,769	18,523	81,348	44,023	2,133	11,443	30,597	55,525	24,928	28.1	51.7	
	1899	1,406			1,143	14,459	60,005	28,359	1,222	6,822	20,789	36,593	15,804			
California.....	1909	7,659	141,576	8,077	18,203	115,296	329,100	537,134	22,955	84,142	325,238	529,761	204,523	14.9	44.3	
	1904	6,839	120,040	7,402	12,283	100,355	210,339	282,647	14,399	64,657	215,726	367,218	151,492	30.0	42.7	
	1899	4,997			6,877	77,224	126,953	175,468	7,495	39,890	164,894	257,386	92,492			

1 Includes Indian Territory.



## ABSTRACT OF THE CENSUS—MANUFACTURES.

## COMPARATIVE SUMMARY FOR THE 25 PRINCIPAL CITIES: 1909, 1904, AND 1899.

NOTE.—The figures for some cities do not agree with those published in 1904 because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the cities.

[A minus sign (—) denotes decrease.]

CITY.	Cen- sus.	Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of ma- terials).	PER CENT OF INCREASE.	
			Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).								Wage earners (average num- ber).	Value of prod- ucts.
Expressed in thousands.															
New York, N. Y.	1909	25,938	680,510	29,055	97,453	554,002	429,003	\$1,364,353	\$122,074	\$323,698	\$1,092,155	\$2,029,693	\$937,538	19.2	33.0
	1904	20,839	552,952	24,650	63,586	464,716		1,042,946	73,028	248,128	818,029	1,526,523	708,494	19.6	30.2
	1899	19,243			43,783	388,586		853,238	51,656	196,656	634,210	1,172,870	538,660		
Chicago, Ill.	1909	9,656	356,954	8,156	54,821	293,977	525,236	971,841	65,925	174,112	793,470	1,281,171	487,701	21.5	34.1
	1904	8,159	289,529	7,269	40,276	241,984		637,743	45,001	136,405	589,914	955,036	365,122	9.4	19.7
	1899	7,668			32,406	221,191		511,249	32,068	108,727	502,222	797,879	295,657		
Philadelphia, Pa.	1909	8,379	294,498	9,162	33,452	251,884	365,950	691,397	39,446	126,381	429,092	746,076	316,984	10.0	26.2
	1904	7,087	259,878	8,140	22,839	228,899		520,179	25,396	107,640	333,352	591,388	258,006	6.6	13.7
	1899	7,503			17,498	214,775		445,725	18,931	94,737	295,175	519,982	224,807		
St. Louis, Mo.	1909	2,667	104,587	1,869	15,347	87,371	163,615	269,392	19,671	48,535	188,189	328,495	140,306	5.6	22.9
	1904	2,482	95,962	1,883	11,381	82,608		265,937	13,475	42,642	137,740	267,307	129,567	27.6	38.0
	1899	2,646			8,867	64,832		150,526	10,079	29,145	101,838	193,733	91,895		
Cleveland, Ohio.	1909	2,148	98,686	1,718	12,240	84,728	199,898	227,397	15,506	48,053	154,915	271,961	117,046	32.3	58.2
	1904	1,616	72,362	1,445	6,876	64,041		156,321	8,299	33,450	97,578	171,924	74,346	15.7	23.4
	1899	1,350			5,064	55,341		101,243	5,453	26,518	76,465	139,356	62,891		
Detroit, Mich.	1909	2,606	95,841	1,804	13,026	81,011	114,190	190,125	15,260	43,007	130,218	252,992	122,774	67.1	97.3
	1904	1,362	55,718	1,312	5,923	48,483		91,038	6,126	22,558	66,581	128,247	61,666	26.3	45.1
	1899	1,259			4,947	38,373		67,224	4,726	15,317	47,007	88,366	41,359		
Pittsburgh, Pa.	1909	1,659	79,625	1,553	10,598	67,474	307,666	283,139	12,083	39,973	148,527	243,454	94,927	-5.8	15.2
	1904	1,562	81,407	1,516	8,273	71,618		260,765	9,753	39,805	124,581	211,259	85,678	-0.2	-3.2
	1899	1,301			5,850	71,794		211,774	6,351	37,635	128,458	218,198	89,740		
Boston, Mass.	1909	3,155	85,158	2,873	12,648	69,637	68,419	175,182	15,641	39,910	124,577	237,457	112,880	17.7	28.8
	1904	2,747	71,421	2,833	9,428	59,160		131,563	10,464	31,873	94,603	184,351	89,748	11.9	13.3
	1899	2,878			7,691	52,853		130,143	8,180	28,209	82,295	162,765	80,470		
Buffalo, N. Y.	1909	1,753	61,246	1,489	8,345	51,412	121,791	193,041	9,347	28,727	136,538	218,804	82,266	18.0	48.5
	1904	1,538	50,390	1,559	5,264	43,567		137,023	5,542	21,622	88,367	147,378	59,011	27.1	39.5
	1899	1,478			3,767	34,275		95,740	3,429	15,678	65,939	105,627	39,688		
Milwaukee, Wis.	1909	1,764	68,933	1,472	7,989	59,502	94,254	219,391	9,405	31,437	120,621	208,324	87,703	37.2	51.0
	1904	1,527	49,843	1,393	5,084	43,366		161,494	5,837	20,809	71,103	137,995	66,892	5.2	24.5
	1899	1,419			4,077	41,220		105,504	4,305	17,102	59,694	110,854	51,160		
Newark, N. J.	1909	1,858	69,986	1,704	8,327	59,955	78,263	154,233	11,777	33,076	114,679	202,511	87,832	18.3	35.0
	1904	1,600	57,463	1,631	5,135	50,697		119,026	6,685	25,622	80,689	150,055	69,366	18.2	33.1
	1899	1,573			4,146	42,878		97,182	5,256	20,365	60,772	112,728	51,966		
Cincinnati, Ohio.	1909	2,184	72,488	2,015	10,281	60,192	88,597	150,254	12,759	31,101	101,932	194,516	92,584	2.7	17.1
	1904	2,171	68,954	2,180	8,190	58,584		130,272	9,077	27,390	83,258	166,059	82,801	6.6	17.2
	1899	2,454			6,164	54,942		103,464	6,437	23,104	71,391	141,678	70,287		
Baltimore, Md.	1909	2,502	83,473	2,660	9,369	71,444	76,764	164,437	10,571	31,171	107,024	186,978	79,954	9.8	24.5
	1904	2,158	74,234	2,432	6,752	65,050		146,961	6,997	25,507	80,555	150,171	69,616	-2.3	11.1
	1899	2,274			5,501	60,571		107,217	5,871	23,493	75,223	135,108	59,885		
Minneapolis, Minn.	1909	1,102	33,923	1,012	5,949	26,962	89,247	90,382	6,277	15,638	119,993	165,405	45,412	24.4	36.5
	1904	876	26,045	847	3,527	21,671		66,135	3,536	11,418	88,882	121,163	32,281	10.5	28.3
	1899	789			2,158	19,620		50,177	2,113	9,383	68,910	94,408	25,498		
Kansas City, Kans.	1909	165	14,333	142	1,897	12,294	31,885	42,817	2,138	7,027	144,390	164,081	19,691	16.8	70.1
	1904	100	11,761	82	1,150	10,529		27,773	1,216	5,449	83,883	96,473	12,590	11.0	20.6
	1899	114			2,063	9,483		18,236	1,911	4,259	68,875	80,023	11,148		
San Francisco, Cal.	1909	1,796	36,910	2,544	6,122	28,244	49,934	133,824	8,086	22,381	76,217	133,041	56,824	-26.5	-3.4
	1904	2,251	46,666	3,047	5,190	38,429		102,362	6,630	25,015	75,946	137,788	61,842	18.0	28.7
	1899	1,748			3,413	32,555		69,643	3,929	17,259	65,535	107,024	41,489		
Jersey City, N. J.	1909	745	30,239	614	4,171	25,454	35,917	79,794	5,049	13,216	89,317	128,775	39,458	25.1	70.0
	1904	628	23,312	580	2,379	20,353		82,395	2,990	10,021	48,799	75,741	26,942	17.0	3.9
	1899	536			1,614	17,391		78,612	2,039	7,965	50,266	72,930	22,664		
Indianapolis, Ind.	1909	855	37,929	631	5,483	31,815	50,872	76,497	6,494	16,557	84,151	126,522	42,371	19.0	53.9
	1904	810	31,431	591	4,115	26,725		53,420	4,096	12,620	51,763	82,228	30,465	27.4	38.6
	1899	697			2,325	20,985		34,736	2,248	8,844	38,287	59,322	21,035		
Providence, R. I.	1909	1,080	51,667	1,017	4,269	46,381	56,410	118,512	5,650	24,449	64,770	120,241	55,471	16.5	30.7
	1904	881	43,748	893	3,051	39,804		95,666	3,819	19,555	49,973	91,981	42,008	3.7	16.9
	1899	929			2,493	38,368		79,686	3,053	16,931	42,551	78,657	36,106		
Rochester, N. Y.	1909	1,203	46,617	1,042	6,467	39,108	39,277	95,708	7,734	21,518	50,674	112,676	62,002	23.1	38.9
	1904	1,109	37,128	1,084	4,265	31,779		69,807	4,529	14,702	37,918	81,109	43,191	13.3	35.9
	1899	1,221			3,061	28,049		45,210	3,131	11,366	28,245	59,669	31,424		
Louisville, Ky.	1909	903	32,397	669	4,705	27,023	49,926	79,437	5,533	12,460	54,128	101,284	47,156	8.2	21.7
	1904	842	28,817	706	3,126	24,985		79,999	3,367	10,812	45,682	83,204	37,522	8.3	25.9
	1899	860			2,491	23,062		44,016	2,896	8,436	34,876	66,110	31,234		
South Omaha, Nebr.	1909	71	7,659	63	1,290	6,306	11,859	19,877	1,559	3,544	77,673	92,436	14,763	11.4	37.1
	1904	41	6,571	34	875	5,662		20,564	950	3,210	59,193	67,415	8,222	-10.5	-3.0
	1899	41			769	6,327									



## CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899.

NOTE.—The figures for some cities do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the cities. Figures for 1904 and 1899 are available for cities which had between 8,000 and 10,000 inhabitants in 1900 and are included, but for cities having less than 8,000 inhabitants in 1900 comparative data are not available.

Table 113.

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
							Expressed in thousands.					
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
ALABAMA:												
Anniston.....	39	35	25	2,167	2,005	1,445	\$4,333	\$3,327	\$1,863	\$1,509	\$1,449	\$894
Bessemer.....	31			1,816			6,106			1,867		
Birmingham.....	248	122	109	8,999	3,987	3,490	24,128	7,593	8,599	10,118	3,644	4,619
Gadsden.....	27			786			1,525			621		
Mobile.....	126	139	113	2,362	2,496	2,371	5,429	4,942	3,486	2,490	2,620	1,944
Montgomery.....	73	59	52	2,284	1,940	1,528	5,443	3,878	2,944	2,420	1,689	1,229
Selma.....	35	26	32	813	668	699	2,382	1,139	1,419	787	512	567
ARIZONA:												
Phoenix.....	57			304			1,467			603		
Tucson.....	35			555			2,037			767		
ARKANSAS:												
Argenta.....	18			2,157			4,842			2,157		
Fort Smith.....	83	63	66	1,455	1,049	677	3,739	2,329	1,401	1,733	1,216	750
Hot Springs.....	71	22	21	335	239	94	844	597	191	541	309	106
Little Rock.....	125	104	62	2,017	1,971	1,397	6,882	4,690	3,379	2,868	2,131	1,600
Pine Bluff.....	42	34	37	1,118	1,425	990	2,387	2,500	1,541	1,033	1,079	752
CALIFORNIA:												
Alameda.....	51	30	23	915	279	372	2,554	697	1,335	1,625	464	547
Bakersfield.....	27			746			2,819			1,119		
Berkeley.....	84	44	22	1,084	338	211	4,435	1,474	651	1,748	692	259
Eureka.....	48			946			3,012			1,518		
Fresno.....	76	80	62	1,938	1,915	819	11,090	9,754	2,752	3,098	2,926	1,048
Long Beach.....	51			277			927			429		
Los Angeles.....	1,325	814	534	17,327	10,424	5,173	68,586	34,814	15,134	29,673	16,125	7,046
Oakland.....	441	248	195	6,905	3,353	2,476	22,343	9,015	5,368	10,496	4,708	2,664
Pasadena.....	88	46	28	499	318	177	1,724	967	331	870	546	204
Pomona.....	30			224			560			330		
Redlands.....	37			147			518			279		
Riverside.....	53			267			1,178			511		
Sacramento.....	211	156	111	4,514	4,203	3,686	13,977	10,073	9,495	7,083	4,929	4,150
San Bernardino.....	41			729			1,660			897		
San Diego.....	117	89	57	1,071	541	255	4,741	1,974	670	2,074	838	389
San Francisco.....	1,796	2,251	1,748	28,244	38,429	32,555	133,041	137,788	107,024	56,824	61,842	41,489
San Jose.....	153	153	124	1,430	1,260	1,221	5,611	4,298	3,292	2,368	1,786	1,442
Santa Barbara.....	51			265			1,169			473		
Santa Cruz.....	34			274			1,161			493		
Stockton.....	144	110	91	1,594	1,333	1,185	11,849	8,030	5,525	3,529	2,180	1,538
Vallejo.....	23			203			1,896			492		
COLORADO:												
Colorado Springs.....	59	49	34	516	410	409	1,733	1,101	845	910	690	490
Cripple Creek.....		22	35		51	167		223	441		147	266
Denver.....	766	722	574	12,058	9,672	8,500	51,538	36,660	37,906	20,611	15,660	13,434
Leadville.....		32	34		861	1,227		5,446	5,883		1,562	1,043
Pueblo.....	94	80	69	1,320	941	790	3,345	2,197	1,440	1,848	1,256	768
Trinidad.....	30			220			814			503		
CONNECTICUT:												
Ansonia.....	53	49	49	4,127	3,394	3,288	20,088	19,132	18,515	5,477	3,824	3,559
Bridgeport.....	367	306	286	25,775	19,492	17,038	65,609	44,586	33,536	27,662	22,252	16,249
Danbury.....	131	103	104	4,810	4,515	3,939	10,318	8,066	6,527	5,439	4,371	3,269
Hartford.....	396	340	322	14,627	11,221	10,677	40,680	25,974	23,829	22,817	14,487	12,460
Meriden.....	129	97	92	7,845	7,281	6,689	16,317	13,764	11,751	9,374	8,120	6,645
Middletown.....	58	65	60	2,434	2,318	2,495	4,955	4,351	4,152	2,012	1,788	1,799
Naugatuck borough.....	24	22	22	3,464	3,628	3,160	11,033	11,010	8,887	3,704	3,750	2,815
New Britain.....	111	95	82	13,513	10,073	8,019	22,021	14,960	11,096	13,693	9,292	6,500
New Haven.....	590	490	437	23,547	21,437	17,594	51,071	39,666	34,900	26,752	21,145	18,764
New London.....	70	57	54	2,225	2,554	1,963	4,483	4,710	4,221	1,952	2,183	1,959
Norwich.....	91	87	89	4,470	3,706	3,172	9,389	6,022	5,935	4,587	2,979	2,889
Stamford.....	86	62	49	3,984	3,341	2,445	8,739	5,890	3,920	5,035	3,560	2,220
Torrington borough.....	54	43	37	4,488	4,025	3,161	12,550	9,674	9,178	5,087	3,759	2,917
Waterbury.....	169	143	124	20,170	15,406	13,225	50,350	32,367	30,330	21,624	14,597	12,128
Willimantic.....	47	35	30	3,020	2,852	2,258	6,733	4,902	3,023	3,539	2,832	1,668
DELAWARE:												
Wilmington.....	261	245	262	14,663	13,508	14,498	38,069	30,285	30,587	16,093	12,164	12,711
DISTRICT OF COLUMBIA.....												
	518	482	491	7,707	6,299	6,155	25,289	18,359	16,426	15,042	10,627	8,951
FLORIDA:												
Jacksonville.....	114	125	74	1,988	2,650	1,238	6,722	5,340	1,799	2,725	2,550	993
Key West.....	56	73	53	2,431	2,466	1,809	3,965	4,254	3,088	2,322	2,448	1,857
Pensacola.....	60	39	32	961	1,206	578	1,963	1,937	1,053	1,008	1,117	551
Tampa.....	215	141	70	8,996	5,831	3,919	17,653	11,264	7,083	10,280	6,713	3,717
GEORGIA:												
Athens.....	37	28	27	962	509	589	2,112	1,158	678	783	405	264
Atlanta.....	483	294	196	12,302	11,891	7,966	33,038	25,746	14,419	16,620	12,305	6,976
Augusta.....	71	64	80	5,073	4,839	5,563	10,456	8,829	7,984	3,854	2,876	2,837
Brunswick.....	23	29	25	385	254	351	672	407	703	414	220	304
Columbus.....	55	52	58	4,661	4,434	4,110	8,552	7,080	5,061	2,990	2,796	2,105
Macon.....	80	61	66	3,729	3,661	2,994	10,703	7,297	5,452	3,833	3,181	2,301
Rome.....	39			1,014			1,804			786		
Savannah.....	137	122	82	2,727	3,230	2,249	6,734	6,340	3,750	3,385	3,086	1,942
Waycross.....	21			1,130			1,203			591		
IDAHO:												
Boise.....	50			411			1,661			766		



CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
Expressed in thousands.												
<b>ILLINOIS:</b>												
Alton	69	62	59	2,429	3,069	2,174	\$10,096	\$8,097	\$4,250	\$2,834	\$3,274	\$1,778
Aurora	165	103	97	5,095	4,078	3,949	10,954	7,329	5,638	5,373	3,791	3,046
Belleville	119	96	89	1,872	1,765	1,335	4,615	4,357	2,873	2,291	2,570	1,938
Bloomington	107	81	68	2,077	2,275	1,671	4,868	5,777	3,012	2,341	2,285	1,417
Cairo	56	57	53	1,237	1,435	1,501	4,440	4,382	3,116	1,483	1,544	1,216
Canton	33			1,262			2,942			1,759		
Champaign	42	36	33	273	289	245	846	486	354	427	328	222
Chicago	9,656	8,159	7,668	293,977	241,984	221,191	1,281,171	955,036	797,879	487,701	365,122	295,657
Chicago Heights	79			3,953			10,839			5,227		
Cicero town <sup>1</sup>	7			658			1,461			728		
Danville	76	70	72	1,744	1,884	957	3,351	3,304	1,914	1,921	1,639	867
Decatur	157	116	108	2,699	2,340	1,920	9,768	8,667	5,134	3,850	3,074	1,775
East St. Louis	139	91	58	5,252	4,505	3,106	18,228	10,586	6,241	6,788	4,890	2,563
Elgin	115	76	80	6,094	4,885	4,376	11,120	9,349	6,386	6,582	5,259	3,772
Evanston	60	33	27	837	738	400	3,778	2,551	830	1,428	968	468
Freeport	69	61	51	2,853	1,516	1,333	7,811	3,109	2,708	3,394	1,686	1,394
Galesburg	62	58	39	1,465	1,447	1,070	2,919	2,218	1,450	1,503	1,282	830
Jacksonville	57	55	55	947	899	1,066	2,299	1,982	1,684	992	880	834
Joliet	137	104	135	6,383	5,792	5,792	38,817	32,897	26,132	11,059	11,638	8,939
Kankakee	55	49	36	1,349	1,038	377	2,723	2,089	649	1,230	1,063	360
La Salle	29	24	26	1,293	1,197	917	5,308	3,158	3,309	2,380	1,280	912
Lincoln	40	39	36	220	236	188	670	784	375	280	409	219
Mattoon	35	34	39	948	1,022	632	1,434	1,309	764	765	787	418
Moline	66	62	55	5,449	3,987	4,138	20,892	13,158	9,302	9,703	6,263	4,704
Oak Park village	23			282			1,118			727		
Ottawa		54	57		1,127	1,020		2,078	1,738		1,305	987
Peoria	283	263	291	5,981	5,834	5,096	63,061	60,420	44,569	45,288	44,585	31,584
Quincy	235	234	198	4,032	4,602	3,815	11,436	10,748	7,919	5,644	5,560	3,568
Rock Island	74	72	66	1,754	1,703	1,885	5,387	5,333	4,622	2,569	2,753	1,939
Rockford	205	180	159	9,309	7,239	5,851	22,266	15,276	11,022	11,684	7,210	4,820
Springfield	171	122	106	3,652	3,071	2,199	8,497	5,797	3,467	4,293	3,307	2,055
Streator	45	34	42	1,275	1,544	1,283	2,137	1,889	1,245	1,320	1,305	883
Waukegan	59	41	32	3,090	825	495	19,984	3,962	733	5,820	1,004	395
<b>INDIANA:</b> <sup>2</sup>												
Anderson	116	102	96	4,393	3,079	3,537	13,765	8,181	8,296	5,638	3,321	3,856
East Chicago	16			2,370			5,483			2,423		
Elkhart	69	58	57	3,010	2,265	2,123	6,932	4,345	3,933	3,911	2,329	2,051
Elwood	37	32	46	2,073	1,779	2,745	8,468	6,111	9,433	2,159	1,714	2,678
Evansville	299	268	273	8,997	7,758	6,284	22,929	18,091	12,168	10,135	7,969	5,623
Fort Wayne	230	193	178	10,298	7,729	6,519	33,687	14,011	11,263	12,272	6,992	5,231
Hammond	49	38	21	3,841	1,548	2,683	15,580	7,671	25,070	8,929	5,126	4,868
Huntington	33	36	39	1,376	1,311	1,246	2,228	2,081	1,725	1,068	985	758
Indianapolis	855	810	697	31,815	26,725	20,985	126,522	82,228	59,322	42,371	30,465	21,035
Jeffersonville	35	33	34	766	1,492	1,516	1,916	4,526	3,772	833	1,099	1,336
Kokomo	72	61	62	2,051	1,917	1,355	5,451	3,651	2,062	2,469	2,057	1,052
Lafayette	69	80	85	1,660	1,786	1,343	5,542	4,631	3,514	2,096	1,928	1,524
Laporte	41			1,674			3,972			2,158		
Logansport	68	61	68	2,169	1,720	1,316	4,201	2,956	2,100	2,219	1,394	1,074
Marion	89	96	81	2,269	2,219	2,843	4,442	4,034	4,593	2,118	2,296	2,394
Michigan City	48	52	41	2,887	3,140	2,912	8,290	6,314	6,032	2,925	2,334	2,071
Mishawaka	42			3,445			10,883			5,613		
Muncie	102	97	90	4,033	2,835	3,848	9,684	5,891	7,042	4,210	2,571	3,194
New Albany	95	93	95	1,910	2,240	2,137	3,493	3,835	3,638	1,607	1,794	1,522
Peru	31	43	39	619	912	1,136	1,097	1,343	1,338	615	718	667
Richmond	107	98	88	3,621	2,970	2,688	10,374	6,732	4,754	5,256	3,731	2,523
South Bend	218	156	131	11,789	8,997	7,678	27,854	15,180	12,860	12,601	7,010	6,119
Terre Haute	170	178	143	4,359	4,044	4,679	21,793	18,008	26,296	13,136	10,361	18,927
Vincennes	84	62	48	1,354	1,354	906	4,234	3,029	1,979	1,818	1,288	1,038
<b>IOWA:</b>												
Boone	34	34	35	330	367	485	682	714	629	399	415	315
Burlington	128	109	125	4,190	2,915	2,064	8,443	5,779	4,450	3,798	3,073	2,008
Cedar Rapids	153	134	89	3,565	3,259	2,374	24,824	16,280	11,136	6,174	4,000	2,973
Clinton	69	83	81	2,414	2,153	2,502	7,480	4,906	6,203	2,850	2,260	2,293
Council Bluffs	101	71	74	1,434	1,091	788	3,769	1,924	1,692	1,812	994	868
Davenport	232	173	163	4,231	3,840	3,403	18,802	13,696	9,872	7,231	4,857	3,815
Des Moines	387	291	218	5,383	4,155	3,479	23,585	15,085	8,397	10,020	6,441	4,259
Dubuque	156	156	161	5,168	4,274	4,658	15,376	9,279	9,631	6,266	4,573	4,293
Fort Dodge	44	42	30	1,115	961	390	2,975	3,026	1,006	1,163	1,324	327
Iowa City	44			282			805			465		
Keokuk	91	80	88	1,541	1,533	1,362	7,399	4,226	3,049	2,715	1,992	1,458
Marshalltown	49	44	44	1,365	888	1,112	4,822	3,090	3,957	1,643	950	1,161
Mason City	49			807			2,881			1,085		
Muscatine	113	107	105	3,496	2,763	2,589	6,166	5,040	5,220	3,428	2,025	1,705
Ottumwa	93	62	61	2,650	2,304	1,820	14,838	10,374	8,683	2,672	1,841	1,783
Sioux City	136	106	123	3,500	2,299	2,463	37,425	14,761	14,227	7,057	3,365	4,097
Waterloo	108	90	55	3,124	1,674	804	8,999	4,694	2,088	4,357	1,945	745
<b>KANSAS:</b>												
Atchison	68	60	39	824	798	583	4,405	3,829	2,003	1,268	873	591
Coffeyville	47			1,069			4,752			1,260		
Fort Scott	36	46	32	266	244	389	1,010	786	714	340	323	335
Galena		15	19		130	114		797	421		109	105
Hutchinson	67	44	42	667	510	536	3,614	2,031	1,541	941	644	503
Independence	31			252			757			365		
Kansas City	165	100	114	12,294	10,529	9,483	164,081	96,473	80,023	19,091	12,500	11,148
Lawrence	49	39	39	422	402	461	1,633	658	1,239	498	341	347
Leavenworth	79	89	89	1,311	1,321	1,141	4,875	4,152	3,251	1,077	1,564	1,270
Parsons	25			1,130			1,026			891		
Pittsburg	49	34	33	972	919	882	1,817	1,494	1,434	1,093	848	523
Topeka	202	154	145	4,214	3,933	2,874	17,821	14,449	8,357	5,562	4,216	3,079
Wichita	225	110	103	2,783	1,262	863	22,564	7,390	3,329	5,579	1,963	973

<sup>1</sup> While the population for 1900 was in excess of 10,000, statistics for that census are not available.

<sup>2</sup> Does not include statistics for Gary.



## STATES, CITIES, AND INDUSTRIES.

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CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

Table 113—Continued.

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
Expressed in thousands.												
<b>KENTUCKY:</b>												
Covington.....	196	199	204	3,942	3,703	3,212	\$8,712	\$6,100	\$5,479	\$4,241	\$3,490	\$2,962
Frankfort.....	31	30	34	537	525	281	3,083	1,747	1,327	1,115	614	498
Henderson.....	43	34	26	1,088	459	352	2,932	1,965	1,032	1,210	603	451
Lexington.....	85	84	88	1,032	1,114	797	2,851	2,775	1,889	1,602	1,389	903
Louisville.....	903	842	860	27,023	24,985	23,062	101,284	83,204	66,110	47,156	37,522	31,234
Newport.....	144	103	134	2,632	1,958	1,955	6,491	5,231	3,548	3,125	2,259	2,075
Owensboro.....	69	60	51	1,064	1,392	890	3,505	3,319	1,740	1,253	1,504	825
Paducah.....	91	84	70	2,613	2,841	2,061	4,967	4,443	2,977	2,619	2,598	1,642
<b>LOUISIANA:</b>												
Alexandria.....	30	—	—	513	—	—	1,279	—	—	681	—	—
Baton Rouge.....	33	37	13	357	620	329	658	1,383	718	322	785	331
Lake Charles.....	33	—	—	736	—	—	2,251	—	—	982	—	—
Monroe.....	23	—	—	681	—	—	1,255	—	—	710	—	—
New Orleans.....	848	690	688	17,186	17,408	16,185	78,794	81,411	57,446	30,062	22,583	17,061
Shreveport.....	61	63	46	1,114	1,102	736	3,643	2,838	1,556	1,554	1,554	655
<b>MAINE:</b>												
Auburn.....	83	72	67	3,452	2,652	2,749	8,843	6,407	5,965	3,053	1,990	1,978
Augusta.....	40	44	52	2,096	1,800	2,018	4,662	3,887	3,313	2,178	2,000	2,101
Bangor.....	122	87	101	1,327	1,496	1,511	3,346	3,408	3,336	1,499	1,671	1,431
Bath.....	—	46	54	—	1,950	2,097	—	3,654	3,697	—	1,672	1,759
Biddeford.....	43	33	39	5,076	4,764	4,375	9,012	6,949	5,472	4,114	2,813	2,506
Lewiston.....	83	81	84	6,788	6,167	6,677	10,475	8,528	7,779	5,200	3,811	4,061
Portland.....	271	243	234	4,902	4,345	3,763	11,950	9,133	7,334	5,941	4,778	3,731
Waterville.....	33	40	29	1,812	2,011	1,926	3,179	3,069	2,284	1,408	1,296	1,238
<b>MARYLAND:</b>												
Baltimore.....	2,502	2,158	2,274	71,444	65,050	66,571	186,978	150,171	135,108	79,954	69,616	59,885
Cumberland.....	71	72	56	1,936	2,276	1,643	4,534	4,595	2,900	1,858	1,917	1,226
Frederick.....	55	56	54	1,026	1,032	939	2,911	1,938	1,438	836	715	519
Hagerstown.....	76	67	80	1,718	2,210	1,515	3,197	3,027	1,820	1,399	1,376	72
<b>MASSACHUSETTS:</b>												
Adams town.....	31	23	26	3,991	3,994	3,182	6,410	5,492	3,894	3,328	2,804	2,181
Arlington town.....	19	18	12	283	209	122	695	493	256	384	267	144
Attleborough town.....	128	108	108	6,429	5,044	4,811	15,160	10,050	8,751	8,347	5,399	4,965
Beverly.....	63	71	73	4,487	2,083	2,275	8,653	4,101	3,781	5,362	1,778	1,632
Boston.....	3,155	2,747	2,878	69,037	59,100	52,853	237,457	184,351	162,765	112,880	89,748	80,470
Brookline town.....	196	201	186	14,737	13,889	10,296	45,972	37,791	24,855	17,407	15,238	9,522
Brookline town.....	16	13	8	340	495	324	532	733	485	336	462	266
Cambridge.....	275	262	243	15,260	14,586	11,070	44,227	42,407	29,092	20,661	17,290	12,319
Chelsea.....	110	130	120	5,954	4,939	2,969	17,003	13,879	9,519	6,434	5,572	4,058
Chicopee.....	58	40	46	7,260	4,670	4,085	19,219	7,716	5,389	8,267	3,386	2,689
Clinton town.....	39	35	22	4,123	3,482	3,836	7,845	5,458	5,043	3,629	2,050	2,328
Everett.....	62	51	52	2,680	2,186	1,877	8,747	6,136	4,437	4,241	3,013	1,963
Fall River.....	288	234	240	37,139	26,836	30,646	64,146	43,473	39,103	28,622	17,377	21,033
Fitchburg.....	122	107	115	8,497	6,498	6,218	23,252	15,391	13,068	8,810	5,970	5,528
Framingham town.....	27	36	34	3,069	2,484	2,207	6,917	4,174	3,007	3,506	1,657	1,315
Gardner town.....	52	50	46	3,617	3,168	2,806	6,485	5,019	4,386	3,652	2,449	2,102
Gloucester.....	102	132	137	2,181	1,763	2,367	7,753	6,921	6,293	2,983	2,239	2,061
Greenfield town.....	47	—	—	1,251	—	—	2,801	—	—	1,767	—	—
Haverhill.....	346	320	390	11,689	9,574	9,761	35,377	24,447	23,419	13,691	10,190	8,425
Holyoke.....	187	179	158	16,513	14,685	12,519	40,097	30,731	24,093	17,796	14,152	11,387
Hyde Park town.....	40	40	33	4,320	3,991	2,483	7,336	6,739	4,384	3,985	3,158	1,877
Lawrence.....	162	187	167	30,542	21,910	20,899	79,993	48,037	41,742	34,555	18,621	16,900
Leominster town.....	94	65	70	5,001	4,127	3,412	10,531	7,502	5,397	4,955	3,538	2,628
Lowell.....	320	256	286	32,575	29,303	29,254	60,271	46,879	41,203	27,440	19,968	20,924
Lynn.....	431	431	423	27,368	21,540	16,377	71,503	55,003	39,347	30,142	22,387	14,876
Malden.....	86	59	53	2,900	2,954	2,416	8,206	11,236	6,602	3,818	7,191	2,518
Marlborough.....	59	46	50	4,265	3,479	2,524	10,382	7,409	4,498	4,007	2,883	1,664
Medford.....	40	37	36	500	484	575	2,045	872	1,132	795	486	592
Melrose.....	25	24	16	1,038	1,571	1,180	2,825	9,451	3,416	1,236	6,536	1,270
Methuen town.....	19	—	—	1,572	—	—	3,476	—	—	1,250	—	—
Milford town.....	53	44	50	1,801	1,782	1,357	4,442	3,390	2,552	2,033	1,614	1,086
New Bedford.....	207	176	171	26,566	17,855	15,263	53,238	29,469	23,397	24,674	13,378	11,614
Newburyport.....	74	69	64	3,215	2,955	2,801	6,931	6,810	5,141	3,150	2,548	2,090
Newton.....	46	48	45	2,174	1,893	1,823	6,279	4,141	3,679	2,896	1,899	1,785
North Adams.....	60	58	68	5,414	5,502	6,312	10,315	8,036	10,741	4,739	4,025	5,694
Northampton.....	71	77	66	3,150	2,903	2,635	6,999	5,756	4,707	3,836	2,714	2,167
Peabody town.....	74	76	86	4,850	3,953	2,661	15,549	10,237	6,944	5,357	3,489	1,870
Pittsfield.....	71	44	69	6,353	4,455	3,198	15,215	8,577	5,754	6,687	3,948	2,676
Plymouth town.....	32	35	27	2,912	2,300	1,511	11,618	11,116	5,530	3,143	2,548	1,966
Quincy.....	183	161	153	5,492	5,371	2,128	10,505	8,982	3,012	6,661	5,278	2,103
Revere town.....	14	12	17	101	125	87	407	355	156	115	106	105
Salem.....	155	143	162	6,338	5,945	5,625	14,576	12,202	10,711	5,936	4,281	4,127
Somerville.....	114	78	85	5,280	3,474	3,528	38,087	22,955	20,065	6,764	3,779	3,344
Southbridge town.....	36	32	32	4,037	3,223	2,687	6,269	4,202	3,512	3,144	1,922	1,730
Springfield.....	346	296	278	11,855	10,523	8,152	31,773	25,860	18,155	17,410	13,480	9,263
Taunton.....	146	127	114	7,407	6,608	6,590	15,380	13,645	11,544	7,605	5,958	6,004
Wakefield town.....	23	22	25	2,230	1,804	1,436	5,527	4,808	2,647	2,092	1,970	1,393
Waltham.....	80	69	74	6,037	6,208	4,861	7,814	7,150	5,890	5,370	5,083	4,001
Watertown town.....	25	20	27	4,335	3,322	1,935	11,546	15,525	5,330	5,083	9,996	1,831
Westfield town.....	23	16	20	3,409	3,107	2,377	11,296	8,868	4,008	3,476	1,927	1,546
Westport town.....	91	86	97	3,060	2,634	2,370	7,362	5,818	4,441	4,494	3,567	2,856
Weymouth town.....	41	46	51	1,991	1,841	1,922	6,627	4,922	5,399	2,423	1,924	2,211
Winthrop town.....	7	—	—	7	—	—	42	—	—	17	—	—
Woburn.....	59	52	47	1,653	1,482	1,356	5,408	4,654	4,003	2,294	1,846	1,124
Worcester.....	580	470	465	28,221	22,796	22,593	77,148	52,145	46,793	34,547	25,134	23,323



CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

Table 113—Continued.

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
							Expressed in thousands.					
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
<b>MICHIGAN:</b>												
Adrian.....	80	65	63	1,059	1,502	1,030	\$6,085	\$4,897	\$2,125	\$1,935	\$2,068	\$1,227
Alpena.....	58	57	46	1,432	1,245	1,202	3,904	2,905	2,273	1,663	1,220	997
Ann Arbor.....	63	65	71	573	549	623	1,866	1,386	1,377	856	612	592
Battle Creek.....	105	120	75	4,175	3,389	2,051	20,174	12,298	6,301	13,106	8,314	4,201
Bay City.....	182	173	177	4,737	4,456	4,309	10,294	8,809	9,011	4,647	3,861	3,776
Detroit.....	2,036	1,362	1,259	81,011	48,483	38,373	252,992	128,247	88,366	122,774	61,666	41,359
Escanaba.....	39	34	26	720	949	520	1,074	1,333	610	710	929	360
Flint.....	104	70	63	7,088	2,161	1,960	24,118	6,177	4,713	10,147	2,408	1,959
Grand Rapids.....	524	388	382	17,590	15,514	12,929	42,231	30,690	22,229	22,495	16,268	11,108
Holland.....	59			1,940			4,622			2,038		
Ironwood.....	14	13	14	201	87	90	377	202	145	176	124	90
Ishpeming.....	19	15	14	66	73	80	132	247	195	80	105	100
Jackson.....	160	147	117	4,797	3,967	3,715	14,006	8,348	6,710	5,838	4,076	2,902
Kalamazoo.....	193	157	129	6,272	5,666	3,870	17,904	13,142	7,186	8,399	6,246	3,293
Lansing.....	169	98	74	5,285	2,982	1,425	16,567	6,887	2,942	7,765	3,414	1,310
Manistee.....	64	47	56	2,125	2,084	2,103	3,344	3,257	3,625	2,055	1,983	2,249
Marquette.....	34	31	29	498	738	836	1,254	2,364	1,585	698	972	772
Menominee.....	52	45	38	1,700	1,489	1,703	3,728	2,974	4,076	2,071	1,601	2,239
Muskegon.....	101	70	67	4,522	3,078	3,078	9,648	6,319	4,528	4,710	2,793	2,259
Pontiac.....	42	47	47	1,739	1,296	1,092	5,894	3,047	2,471	2,654	1,312	869
Port Huron.....	82	74	78	1,580	2,136	2,026	3,588	3,715	3,627	1,639	1,968	1,875
Saginaw.....	203	179	184	5,990	4,445	4,205	18,833	10,079	8,653	8,424	4,712	3,569
Sault Ste. Marie.....	47	38	33	1,005	895	817	4,619	2,412	728	1,496	985	449
Traverse City.....	61	46	36	1,220	1,108	909	2,289	2,177	1,201	1,106	1,079	686
<b>MINNESOTA:</b>												
Duluth.....	194	163	126	6,083	3,987	3,658	17,180	10,139	7,811	8,336	5,505	4,152
Mankato.....	63	54	47	807	724	520	3,723	3,422	1,887	995	893	532
Minneapolis.....	1,102	876	789	26,962	21,671	19,620	165,405	121,163	94,408	45,412	32,281	25,498
St. Cloud.....	69	39	30	626	414	507	2,299	1,800	1,561	957	583	484
St. Paul.....	719	614	537	19,339	14,363	13,019	58,990	38,319	30,056	28,690	18,831	14,144
Stillwater.....	38	36	32	688	955	829	2,686	2,784	1,801	1,038	1,300	751
Virginia.....	21			188			519			357		
Winona.....	99	86	72	2,032	1,953	1,965	11,199	7,850	6,013	3,869	2,576	2,012
<b>MISSISSIPPI:</b>												
Hattiesburg.....	29			648			1,251			626		
Jackson.....	45			799			3,113			1,145		
Meridian.....	54	53	42	1,524	1,346	834	4,238	3,267	1,924	1,764	1,215	809
Natchez.....	27	24	16	428	316	648	1,114	820	1,115	425	317	534
Vicksburg.....	47	52	24	1,202	1,031	987	2,229	1,888	1,368	1,081	895	652
<b>MISSOURI:</b>												
Hannibal.....	66	58	66	2,445	1,811	1,238	6,195	3,564	2,099	1,879	1,408	964
Jefferson City.....	35	45	41	1,336	262	299	5,446	3,927	3,061	1,794	1,440	930
Joplin.....	77	56	45	830	680	682	4,136	3,096	2,325	1,778	1,046	769
Kansas City.....	902	612	585	14,643	11,039	9,699	54,704	35,573	23,588	23,742	16,048	11,057
Meriden.....	31	28	32	999	496	656	1,984	801	792	892	402	432
St. Joseph.....	261	219	184	5,390	4,663	5,095	17,626	11,574	11,362	6,573	4,754	4,420
St. Louis.....	2,667	2,482	2,646	87,371	82,068	64,832	328,495	267,307	193,733	140,306	129,567	91,895
Sedalia.....	75	50	57	955	974		2,333	1,692	1,283	1,117	867	608
Springfield.....	108	82	79	2,131	2,138	1,710	5,382	5,293	3,434	2,334	1,901	1,443
Webb City.....	25	19	12	170	138	126	777	638	354	264	243	140
<b>MONTANA:</b> <sup>1</sup>												
Anaconda.....	13			97			591			434		
Billings.....	37			226			1,243			478		
Butte.....	66	54	56	662	478	411	2,464	1,760	1,517	1,544	1,192	739
Helena.....	44	34	27	420	349	264	1,303	1,163	776	810	735	440
Missoula.....	26			428			1,171			769		
<b>NEBRASKA:</b>												
Grand Island.....	44			616			1,837			826		
Lincoln.....	167	128	81	2,140	1,617	1,104	7,010	5,222	2,764	3,146	2,531	1,168
Omaha.....	432	318	307	8,023	5,822	5,276	69,854	54,094	38,074	17,439	11,111	18,146
South Omaha.....	71	41	41	6,306	5,662	6,327	92,436	67,415	69,509	14,763	8,222	8,491
<b>NEVADA:</b>												
Reno.....	40			310			1,862			691		
<b>NEW HAMPSHIRE:</b>												
Berlin.....	20	17	17	1,790	2,282	2,810	5,897	5,989	5,985	2,243	2,324	2,874
Concord.....	111	80	86	2,693	2,654	2,432	6,477	5,374	4,211	2,931	2,543	2,123
Dover.....	51	42	40	3,030	2,859	2,797	6,370	6,043	5,440	3,134	2,173	2,167
Keene.....	64	50	57	1,709	1,685	1,576	3,483	2,691	2,584	1,646	1,314	1,138
Lancaster.....	43	55	53	2,146	1,957	1,535	3,818	3,097	2,152	1,805	1,377	958
Manchester.....	175	155	166	24,735	17,579	17,862	46,812	30,697	24,628	16,315	11,990	10,825
Nashua.....	104	78	72	7,312	6,159	5,777	17,326	12,858	10,096	6,947	4,375	3,970
Portsmouth.....	36	27	38	992	638	1,323	2,871	2,602	3,961	1,510	1,714	2,086
<b>NEW JERSEY:</b>												
Asbury Park.....	27			264			602			308		
Atlantic City.....	94	62	36	726	381	305	2,260	975	608	1,124	610	327
Bayonne.....	97	58	63	7,519	7,057	4,670	73,641	60,634	38,601	14,709	13,650	4,807
Bloomfield town.....	45	33	39	2,957	1,893	1,612	5,895	4,645	3,371	3,594	2,895	1,665
Bridgeton.....	74	61	62	2,387	2,276	2,182	4,070	2,964	2,259	2,073	1,725	1,216
Camden.....	365	298	322	16,527	12,661	7,742	49,138	33,587	17,970	21,754	13,164	7,528
East Orange.....	42	17	22	1,386	854	690	3,725	2,327	2,087	1,957	1,219	1,176
Elizabeth.....	163	124	141	12,737	12,335	9,498	29,147	29,301	22,861	12,718	12,320	9,948
Garfield borough.....	25			2,530			8,894			2,919		
Hackensack town.....	46	23	21	738	812	487	1,978	1,488	782	1,079	801	411
Harrison town.....	54	41	41	6,500	4,040	2,859	13,142	8,409	6,087	7,729	4,780	2,885
Hoboken.....	244	279	194	8,100	7,227	5,712	20,413	14,077	10,483	10,944	7,497	5,457
Irvington town.....	51			540			3,018			675		

<sup>1</sup> Does not include statistics for Great Falls.



CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
							Expressed in thousands.					
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
NEW JERSEY—Continued.												
Jersey City.....	745	628	536	25,454	20,353	17,391	\$128,775	\$75,741	\$72,930	\$39,458	\$26,942	\$22,664
Kearny town.....	18	11	16	2,820	1,303	986	8,306	4,428	1,607	3,043	923	623
Long Branch.....	34	26	11	415	294	96	1,117	577	281	533	370	172
Millville.....	39	35	18	2,761	2,767	2,239	4,182	3,719	2,514	2,583	2,335	1,595
Montclair town.....	23	19	23	252	151	169	1,026	621	664	357	202	278
Morristown town.....	31	26	22	201	307	252	724	705	596	355	406	286
New Brunswick.....	93	71	72	5,264	4,590	3,836	10,005	8,917	5,791	5,456	4,759	2,797
Newark.....	1,858	1,600	1,573	59,955	50,697	42,878	202,511	150,055	112,728	87,832	69,396	51,956
Orange.....	85	66	74	4,383	2,450	1,640	9,176	6,151	2,996	5,488	3,509	1,416
Passaic.....	169	95	70	15,086	11,000	6,399	41,729	22,783	12,805	17,394	9,673	5,387
Paterson.....	702	513	487	32,004	28,509	28,542	66,584	54,673	48,502	34,855	27,232	23,447
Perth Amboy.....	80	53	47	5,866	3,950	2,005	73,093	34,800	14,061	9,161	4,484	2,714
Phillipsburg town.....	39	32	34	3,432	3,148	2,216	9,150	6,684	4,585	4,380	3,118	1,782
Plainfield.....	60	49	32	1,758	1,086	1,384	3,649	3,572	2,437	2,119	2,418	1,624
Trenton.....	340	311	246	18,543	14,130	13,138	49,009	32,300	28,458	21,336	14,809	11,877
Union town.....	83	77	57	2,894	1,856	1,376	7,941	3,512	3,403	4,402	2,120	1,995
West Hoboken town.....	137	95	65	2,782	3,562	2,733	5,577	5,947	4,709	3,089	2,825	2,240
West New York town.....	66			1,508			9,274			1,805		
West Orange town.....	10			476			748			349		
NEW MEXICO:												
Albuquerque.....	31			587			1,288			704		
NEW YORK:¹												
Albany.....	395	490	511	9,861	8,976	8,106	22,826	20,209	17,269	12,305	10,832	9,762
Amsterdam.....	97	89	98	10,284	7,993	6,261	22,440	15,007	10,643	9,254	6,154	4,653
Auburn.....	140	111	120	6,497	6,660	5,895	15,961	13,421	9,575	7,024	5,176	4,363
Batavia village.....	59	51	54	2,007	1,603	1,573	4,401	3,589	2,573	2,620	1,805	1,327
Binghamton.....	266	241	219	6,823	5,636	5,011	17,114	13,907	10,539	8,388	7,486	5,177
Buffalo.....	1,753	1,538	1,478	51,412	43,567	34,275	218,804	147,378	105,627	82,296	59,011	39,688
Cohoes.....	103	98	112	8,209	6,910	8,273	14,831	10,290	11,031	6,655	4,006	5,123
Corning.....	45	57	49	2,074	2,355	1,600	3,050	3,084	2,273	2,186	2,009	1,353
Cortland.....	51	53	46	2,356	2,282	1,412	6,395	4,574	3,064	2,821	1,976	1,268
Dunkirk.....	57	38	41	2,756	3,395	2,533	6,576	9,909	5,226	3,368	5,160	2,211
Elmira.....	154	142	144	3,647	3,208	3,570	8,067	6,308	6,597	4,477	3,307	2,695
Fulton.....	45			2,799			7,867			3,010		
Geneva.....	56	54	49	1,526	1,580	1,180	5,154	4,952	2,716	2,163	1,956	1,066
Glens Falls.....	68	49	57	2,774	2,052	3,101	4,877	2,825	3,994	2,568	1,533	2,135
Gloversville.....	187	180	183	5,741	5,048	7,813	14,171	9,341	9,070	6,109	4,089	3,816
Hornell.....	45	45	48	2,183	2,200	1,549	3,648	3,163	2,431	1,770	1,699	1,123
Hudson.....	45	48	45	1,302	1,524	1,132	3,506	4,116	2,604	1,443	2,038	1,270
Ithaca.....	81	67	62	873	873	861	1,920	2,080	1,501	1,080	1,261	845
Jamestown.....	156	149	108	6,789	5,237	4,528	14,720	10,350	7,731	7,336	6,099	3,937
Johnstown.....	138	100	115	2,589	2,426	3,695	6,574	4,543	5,123	2,649	1,982	2,138
Kingston.....	99	96	109	3,281	2,636	2,042	5,986	4,812	3,952	3,404	2,700	2,049
Little Falls.....	55	49	52	4,211	2,621	2,980	8,460	4,471	4,071	3,537	1,936	1,896
Lockport.....	109	109	124	2,138	2,323	2,359	8,168	5,808	5,353	2,818	2,492	2,256
Middletown.....	59	50	51	1,733	1,596	1,396	4,658	3,356	2,155	1,753	1,400	830
Mount Vernon.....	90	54	37	1,207	670	438	3,376	1,877	910	2,090	1,092	582
Newburgh.....	104	79	93	4,344	4,013	3,074	9,928	7,036	5,358	5,085	3,700	2,710
New Rochelle.....	42	28	25	735	517	198	1,669	1,103	508	855	641	230
New York.....	25,938	20,839	19,243	554,002	464,716	388,586	2,029,693	1,526,523	1,172,870	937,538	708,494	538,660
Niagara Falls.....	156	85	93	6,089	4,574	2,840	28,652	16,916	8,540	14,381	7,724	3,652
North Tonawanda.....	81	38	34	2,824	2,025	1,656	9,600	6,499	6,294	3,211	1,965	2,050
Ogdensburg.....	75	55	74	1,259	929	809	4,948	3,057	2,261	1,440	794	740
Olean.....	54	41	47	2,259	1,175	1,793	10,005	4,677	6,210	2,277	1,380	1,395
Ossining village.....	34			356			1,329			893		
Oswego.....	81	77	75	3,817	3,746	3,457	10,413	7,592	7,487	4,310	2,875	3,175
Peekskill village.....	52	46	37	2,055	1,957	1,281	7,888	7,252	1,783	4,946	4,970	1,022
Plattsburg.....	41	39	39	1,049	750	621	3,137	1,057	1,043	1,392	547	519
Port Chester village.....	34			2,122			6,243			1,689		
Poughkeepsie.....	111	108	118	3,299	3,775	2,810	9,151	7,207	5,576	5,284	3,674	2,595
Rensselaer.....	33			763			2,296			1,130		
Rochester.....	1,203	1,109	1,221	39,108	31,779	28,049	112,676	81,109	59,669	62,002	43,191	31,424
Rome.....	119	89	87	3,633	3,209	2,274	14,423	8,631	5,549	4,219	2,937	2,087
Saratoga Springs village.....	39	35	44	833	590	602	2,337	1,709	1,334	1,454	1,007	656
Schenectady.....	134	103	83	14,931	14,316	8,494	38,165	33,084	17,605	16,213	16,587	7,680
Syracuse.....	738	637	630	18,148	14,554	11,809	49,435	34,687	26,546	27,659	18,605	13,998
Troy.....	363	311	327	20,020	19,114	22,933	37,980	31,861	28,739	22,354	18,115	17,277
Utica.....	317	333	311	13,153	10,882	8,898	31,199	22,880	16,479	14,553	10,106	8,285
Watertown.....	107	85	91	3,291	3,020	3,223	8,527	7,251	6,888	4,706	3,909	3,180
Watervliet.....	36	36	41	753	1,111	1,000	1,669	1,738	1,507	853	899	774
White Plains village.....	33			249			816			444		
Yonkers.....	158	106	107	12,711	9,779	7,555	59,334	33,549	17,304	16,132	10,219	7,762
NORTH CAROLINA:												
Asheville.....	52	45	37	984	792	804	3,250	1,918	1,300	955	671	479
Charlotte.....	108	73	57	4,199	2,234	2,787	10,460	4,850	4,187	3,929	1,981	1,583
Durham.....	61			3,718			23,271			13,461		
Greensboro.....	61	63	43	952	1,098	677	2,031	1,744	920	925	766	418
Raleigh.....	55	42	39	1,023	585	549	2,376	1,087	947	1,100	575	514
Wilmington.....	64	53	50	1,213	1,594	1,553	3,005	2,904	2,283	1,102	1,189	891
Winston.....	52	47	30	6,708	4,850	2,894	16,778	11,353	4,888	9,882	7,510	3,255
NORTH DAKOTA:												
Fargo.....	61	47	36	510	386	307	2,477	1,161	1,231	1,067	606	448
Grand Forks.....	38			350			1,910			699		

1 Does not include statistics for Lackawanna.



## ABSTRACT OF THE CENSUS—MANUFACTURES.

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

Table 113—Continued.

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
							Expressed in thousands.					
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
<b>OHIO:</b> <sup>1</sup>												
Akron.....	246	186	178	15,831	9,626	8,259	\$73,158	\$33,559	\$22,016	\$30,087	\$13,149	\$9,296
Alliance.....	44	40	39	2,524	1,442	1,486	6,135	3,547	3,203	3,282	1,646	1,555
Ashtabula.....	44	36	29	1,471	846	373	3,459	1,895	884	1,375	899	357
Bellaire.....	36	37	30	2,597	2,183	1,928	10,091	10,712	8,838	2,932	3,396	2,851
Cambridge.....	32	34	28	1,230	814	768	4,291	2,441	2,202	1,406	921	885
Canton.....	204	158	164	9,964	5,938	5,149	28,583	10,591	9,575	13,939	5,997	5,226
Chillicothe.....	57	64	46	1,674	1,553	1,112	4,345	3,147	1,616	1,307	1,219	738
Cincinnati.....	2,184	2,171	2,454	60,192	58,584	54,942	194,516	166,059	141,678	92,584	82,801	70,287
Cleveland.....	2,148	1,616	1,350	84,728	64,041	55,341	271,961	171,924	139,356	117,046	74,346	62,891
Columbus.....	586	459	408	16,428	14,350	13,787	49,032	39,530	34,748	23,828	20,286	16,496
Dayton.....	513	431	425	21,549	17,093	14,408	60,378	39,507	31,015	32,850	21,092	16,085
East Liverpool.....	82	81	75	4,873	5,228	4,171	6,629	6,437	4,749	4,108	4,330	3,286
Elyria.....	58	50	32	2,673	1,144	638	8,065	2,933	1,221	3,570	1,338	481
Findlay.....	74	71	80	1,376	1,343	1,107	3,487	2,925	1,686	1,393	1,346	935
Hamilton.....	125	113	97	6,895	6,107	5,147	18,184	13,811	10,656	8,544	7,427	5,653
Ironton.....	63	57	53	1,920	1,800	1,577	7,118	4,755	5,411	2,124	1,332	2,206
Lancaster.....	42	42	36	1,532	1,069	1,069	4,074	3,848	1,905	1,023	1,347	846
Lima.....	85	77	76	3,607	2,733	1,980	7,754	4,828	6,223	3,885	2,573	2,287
Lorain.....	57	43	26	6,697	3,102	2,233	38,987	14,491	9,481	14,765	4,783	2,996
Mansfield.....	121	109	95	3,204	3,021	2,622	8,173	7,354	6,076	3,817	3,831	3,371
Marietta.....	66	73	77	1,288	1,314	1,411	3,214	2,599	2,398	1,427	1,231	1,248
Marion.....	55	47	34	2,619	1,721	1,171	5,667	3,228	2,426	3,090	1,876	1,460
Massillon.....	56	52	49	1,934	1,995	1,474	4,788	3,707	2,749	2,498	2,125	1,486
Middletown.....	41	47	41	2,576	1,814	1,578	16,517	8,538	5,800	8,567	4,846	3,327
Newark.....	72	78	69	3,913	3,627	2,075	7,831	5,613	2,879	3,869	3,180	1,699
Norwood.....	49	.....	.....	3,907	.....	.....	9,684	.....	.....	5,663	.....	.....
Piqua.....	82	76	68	2,683	2,044	1,953	6,931	4,036	5,352	3,079	2,128	1,942
Portsmouth.....	75	81	100	3,728	4,072	4,153	7,277	6,645	6,659	3,383	3,125	3,254
Sandusky.....	91	93	81	2,118	2,323	1,453	5,947	4,879	2,834	3,112	2,743	1,627
Springfield.....	195	157	164	7,405	6,258	6,299	19,246	13,382	12,116	10,327	7,630	6,827
Steubenville.....	55	72	54	4,267	4,184	1,773	21,187	12,370	4,547	6,744	4,127	2,141
Tiffin.....	75	87	75	1,632	1,645	1,238	3,254	2,434	1,902	2,002	1,434	1,094
Toledo.....	760	597	445	18,878	15,697	12,747	61,230	44,501	31,976	27,146	19,035	12,579
Warren.....	68	53	44	1,798	1,505	1,832	5,988	4,414	4,385	2,924	2,366	2,042
Youngstown.....	115	113	103	10,498	8,095	8,679	81,271	46,853	33,908	18,979	11,670	10,775
Zanesville.....	109	99	115	3,150	3,098	3,495	9,145	6,347	5,708	3,641	3,056	2,622
<b>OKLAHOMA:</b>												
Chickasha.....	30	.....	.....	364	.....	.....	1,867	.....	.....	582	.....	.....
Enid.....	65	.....	.....	303	.....	.....	2,453	.....	.....	646	.....	.....
Guthrie.....	34	34	33	282	333	241	1,443	1,200	649	496	499	312
McAlester.....	29	.....	.....	180	.....	.....	451	.....	.....	296	.....	.....
Muskogee.....	64	.....	.....	381	.....	.....	2,279	.....	.....	801	.....	.....
Oklahoma City.....	171	89	36	1,398	720	220	7,868	3,671	845	2,722	1,309	328
Shawnee.....	40	.....	.....	1,014	.....	.....	2,081	.....	.....	918	.....	.....
Tulsa.....	53	.....	.....	462	.....	.....	1,563	.....	.....	689	.....	.....
<b>OREGON:</b>												
Portland.....	649	437	408	12,214	8,171	5,380	46,861	28,651	16,904	20,785	11,627	6,727
Salem.....	62	.....	.....	597	.....	.....	2,208	.....	.....	1,031	.....	.....
<b>PENNSYLVANIA:</b>												
Allentown.....	274	257	216	11,481	8,984	7,335	26,263	16,841	14,990	10,682	6,968	6,013
Altoona.....	44	73	57	8,469	9,540	6,573	16,763	14,350	11,273	7,629	7,102	4,390
Beaver Falls borough.....	44	42	47	2,180	2,232	2,174	6,400	4,908	6,229	3,385	2,666	2,370
Bethlehem borough <sup>2</sup> .....	49	.....	.....	1,383	.....	.....	3,712	.....	.....	1,382	.....	.....
Bradford borough.....	41	38	30	1,040	1,225	815	5,094	4,125	4,091	1,747	1,387	1,526
Bradford.....	82	80	65	1,318	1,490	1,200	3,887	3,192	3,125	1,445	1,599	1,490
Butler borough.....	61	48	41	2,823	2,093	792	11,058	6,832	1,403	3,464	2,172	883
Carbondale.....	34	32	26	1,503	1,475	1,023	2,523	2,316	1,146	1,270	1,203	676
Carlisle borough.....	50	48	39	1,334	1,340	1,121	2,496	1,986	1,708	1,065	857	661
Carnegie borough.....	19	.....	.....	422	.....	.....	3,099	.....	.....	658	.....	.....
Chambersburg borough.....	57	47	44	1,364	843	612	2,456	1,085	815	1,286	516	337
Chester.....	128	131	121	6,986	7,061	6,972	19,373	16,645	14,940	7,797	6,223	6,369
Columbia borough.....	47	44	53	2,773	3,034	2,519	4,807	3,887	4,214	2,136	1,434	1,642
Connellsville borough.....	39	.....	.....	1,035	.....	.....	1,971	.....	.....	1,154	.....	.....
Dubois borough.....	37	34	24	1,015	1,057	817	1,890	2,607	1,768	964	882	615
Dunmore borough.....	18	15	18	1,138	1,133	614	1,851	1,460	1,132	1,181	910	642
Easton.....	126	97	106	3,388	2,720	3,202	6,915	5,059	5,425	3,491	2,375	2,232
Erie.....	391	261	260	9,796	8,415	8,032	24,226	18,639	16,493	12,162	9,212	8,285
Greensburg borough.....	47	.....	.....	310	.....	.....	726	.....	.....	396	.....	.....
Harrisburg.....	199	175	175	9,743	7,955	6,439	22,725	16,571	14,996	8,642	6,244	5,991
Hazleton.....	77	62	45	2,682	1,406	822	4,707	2,186	999	2,005	1,056	706
Homestead borough.....	26	27	15	171	307	164	659	713	266	337	448	165
Johnstown.....	97	82	66	10,574	6,914	5,600	48,106	28,892	21,365	15,758	9,137	7,457
Lancaster.....	306	300	284	7,957	8,693	7,504	15,979	14,648	12,750	7,138	7,050	6,297
Lebanon.....	109	103	97	5,591	4,387	4,475	11,429	6,978	7,658	4,651	3,699	2,913
McKeesport.....	68	75	67	8,246	8,848	7,213	42,495	23,054	36,058	15,199	10,744	14,223
Mahanoy City borough.....	31	.....	.....	3,591	.....	.....	9,787	.....	.....	4,380	.....	.....
Meadville.....	33	29	29	590	238	301	868	431	401	485	288	288
Mount Carmel borough.....	62	52	46	2,048	1,300	1,201	3,559	2,075	1,668	1,843	1,111	779
Nanticoke borough.....	20	19	9	600	197	109	785	620	393	369	193	133
New Castle.....	17	12	17	348	229	140	423	358	310	243	198	128
Norristown borough.....	82	71	71	5,339	5,433	4,529	38,038	28,923	20,016	7,064	7,711	6,870
Oil City.....	111	84	77	3,818	3,517	2,944	7,413	5,925	4,107	4,139	3,058	1,948
Philadelphia.....	34	36	42	1,338	1,557	1,683	4,122	3,082	5,164	1,822	1,748	1,476
Phoenixville borough.....	8,379	7,087	7,503	251,884	228,899	214,775	746,076	591,388	519,982	316,984	258,036	224,807
Pittsburgh.....	31	31	32	2,599	2,888	2,249	5,876	5,500	3,322	2,159	2,477	1,475
Pittston.....	1,659	1,562	1,301	67,474	71,618	71,794	243,454	211,259	218,198	94,927	86,678	89,740
Pittston.....	40	40	27	792	830	357	1,969	1,475	908	902	797	375

<sup>1</sup> Does not include statistics for Lakewood.<sup>2</sup> While the population for 1900 was in excess of 10,000, statistics for that census are not available.



CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
							Expressed in thousands.					
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
<b>PENNSYLVANIA—Continued.</b>												
Plymouth borough.....	23	23	24	908	827	756	\$1,179	\$860	\$533	\$475	\$413	\$292
Pottstown borough.....	78	77	65	3,650	3,457	2,681	12,505	8,145	7,357	3,506	2,707	2,512
Pottsville borough.....	91	79	77	2,872	1,904	1,699	9,138	5,806	4,830	3,211	1,781	1,400
Reading.....	432	402	403	24,145	18,053	16,892	51,135	39,491	32,682	21,287	13,782	15,686
Scranton.....	293	258	247	12,851	10,912	11,139	26,385	29,453	24,742	12,083	9,200	7,522
Shamokin borough.....	39	48	46	1,623	897	762	3,544	1,444	1,147	1,415	418	447
Sharon borough.....	45	37	35	3,316	1,812	1,827	9,881	5,671	3,765	3,198	1,880	1,501
Shenandoah borough.....	29	30	22	242	170	107	888	595	302	552	414	208
South Bethlehem borough.....	49	46	38	7,985	5,754	4,645	26,417	15,275	9,964	10,450	8,014	5,102
Steelton borough <sup>1</sup> .....	.....	18	18	.....	4,656	4,762	.....	15,746	14,034	.....	4,996	4,098
Sunbury borough.....	39	32	29	2,069	1,457	968	4,450	2,593	1,868	2,222	891	710
Uniontown borough.....	41	.....	.....	335	.....	.....	1,347	.....	.....	968	.....	.....
Warren borough.....	72	63	43	1,489	1,174	1,050	5,744	4,666	3,681	2,068	1,947	1,527
Washington borough.....	75	.....	.....	2,126	.....	.....	4,837	.....	.....	2,390	.....	.....
West Chester borough.....	33	35	35	916	849	497	2,146	2,121	859	1,479	1,447	543
Wilkes-Barre.....	176	129	138	7,553	5,920	4,749	13,526	11,000	8,617	7,093	5,735	4,308
Wilkesburg borough.....	24	30	16	185	184	100	538	472	246	276	237	120
Williamsport.....	159	115	142	5,641	5,296	4,717	13,348	11,367	9,726	6,288	5,351	4,125
York.....	218	228	241	10,492	7,952	6,851	18,622	13,333	10,569	9,756	6,853	5,100
All other cities <sup>2</sup> .....	99	.....	.....	18,283	.....	.....	103,288	.....	.....	25,328	.....	.....
<b>RHODE ISLAND:</b>												
Central Falls.....	43	33	36	2,475	2,443	2,372	5,471	5,091	4,511	2,090	1,761	1,785
Cranston.....	28	13	13	1,711	587	493	5,625	1,639	1,403	2,738	1,043	790
Cumberland town.....	29	19	10	5,359	4,574	1,500	9,827	5,965	1,756	5,209	2,858	1,164
East Providence town.....	26	21	15	2,041	1,381	836	7,146	5,544	5,347	2,086	1,200	1,059
Newport.....	54	46	43	726	849	881	1,379	1,347	1,575	809	791	922
Pawtucket.....	217	186	191	15,275	12,054	10,712	37,696	25,847	19,272	16,156	11,735	9,266
Providence.....	1,080	881	929	46,381	39,804	38,368	120,241	91,981	78,657	55,471	42,008	36,106
Warwick town.....	49	37	27	6,471	6,153	5,465	10,589	7,052	6,020	5,195	3,204	3,579
Woonsocket.....	130	103	104	10,703	8,672	7,591	28,218	19,261	14,745	11,456	8,682	7,576
<b>SOUTH CAROLINA:</b>												
Charleston.....	116	108	104	2,874	3,450	3,187	6,951	6,007	5,713	2,722	2,259	2,206
Columbia.....	55	41	41	2,522	2,393	2,091	5,872	4,677	3,134	2,294	2,035	1,286
Greenville.....	41	36	22	1,182	1,204	770	2,142	1,677	967	914	576	249
Spartanburg.....	36	35	28	1,773	1,650	1,361	3,276	2,127	1,591	1,191	583	685
<b>SOUTH DAKOTA:</b>												
Aberdeen.....	37	.....	.....	295	.....	.....	1,575	.....	.....	564	.....	.....
Sioux Falls.....	83	61	48	677	465	311	2,889	1,898	884	1,260	832	562
<b>TENNESSEE:</b>												
Chattanooga.....	185	177	149	6,410	6,420	4,729	16,036	14,261	10,518	7,602	6,787	4,097
Jackson.....	42	42	33	1,405	1,268	1,018	2,710	2,318	1,577	1,495	1,135	884
Knoxville.....	159	138	102	2,773	2,999	4,203	8,149	6,699	6,202	3,048	2,598	2,650
Memphis.....	329	289	223	7,927	7,374	6,626	30,242	20,043	14,233	12,391	8,704	6,354
Nashville.....	384	257	237	9,721	8,032	6,726	29,650	21,567	15,301	12,194	9,085	6,274
<b>TEXAS:</b>												
Austin.....	108	62	84	754	641	495	2,845	1,569	765	1,218	798	308
Beaumont.....	56	40	30	863	732	1,005	4,831	2,610	1,913	1,387	1,098	816
Brownsville.....	9	.....	.....	51	.....	.....	121	.....	.....	75	.....	.....
Cleburne.....	24	.....	.....	825	.....	.....	1,577	.....	.....	718	.....	.....
Dallas.....	305	247	177	4,882	3,445	2,842	26,959	15,628	9,488	9,993	6,421	4,090
Denison.....	29	25	29	833	725	668	1,314	1,235	840	721	644	461
El Paso.....	187	54	38	1,752	1,158	716	3,637	2,378	1,213	2,141	1,247	674
Fort Worth.....	148	102	68	2,059	1,423	943	8,661	5,668	3,488	3,395	2,479	1,341
Galveston.....	81	67	100	1,094	761	1,422	6,308	2,997	3,675	2,041	1,398	1,650
Houston.....	249	209	145	5,338	5,056	3,188	23,015	13,564	7,492	8,694	5,947	3,297
Laredo.....	23	18	14	213	515	372	221	454	331	147	258	192
Marshall.....	22	19	19	745	.....	.....	1,787	.....	.....	984	.....	.....
Palestine.....	20	17	19	745	544	481	1,313	735	704	691	430	355
Paris.....	45	29	27	541	210	263	1,430	855	743	568	327	282
San Angelo.....	26	.....	.....	115	.....	.....	318	.....	.....	185	.....	.....
San Antonio.....	194	141	113	3,105	2,457	2,683	13,435	7,402	5,989	6,483	3,661	3,038
Sherman.....	36	39	31	273	307	314	4,676	2,641	1,461	629	492	391
Temple.....	37	.....	.....	366	.....	.....	1,346	.....	.....	512	.....	.....
Tyler.....	23	21	16	484	368	431	996	629	682	459	318	330
Waco.....	92	76	80	1,033	947	1,004	4,769	2,980	2,294	1,804	1,201	968
<b>UTAH:</b>												
Ogden.....	68	63	51	1,323	1,013	678	3,713	2,507	1,242	1,648	1,109	563
Salt Lake City.....	245	192	154	4,287	2,776	2,154	13,351	7,544	4,279	6,736	4,029	2,302
<b>VERMONT:</b>												
Barre.....	139	105	146	2,340	2,198	1,875	3,852	3,373	2,761	2,744	2,464	1,978
Burlington.....	82	67	78	2,371	2,300	2,232	6,800	6,356	6,066	2,477	2,552	2,772
Rutland.....	63	51	61	1,636	1,803	1,496	2,680	2,523	1,959	1,473	1,361	1,124
<b>VIRGINIA:<sup>3</sup></b>												
Alexandria.....	54	51	57	1,470	1,291	859	4,420	2,187	1,539	1,689	1,195	869
Danville.....	52	34	46	3,076	3,018	2,933	5,389	4,775	3,694	2,153	2,009	1,827
Lynchburg.....	82	55	61	4,026	2,534	1,487	10,188	4,965	2,994	3,720	2,092	1,469
Norfolk.....	215	121	140	4,749	2,935	2,638	10,341	5,739	4,692	4,859	2,537	2,150
Petersburg.....	72	72	77	3,887	3,288	3,608	8,896	5,891	5,293	3,137	2,097	2,178
Portsmouth.....	31	28	22	842	551	471	1,528	945	960	752	459	346
Richmond.....	380	300	276	14,849	12,444	13,715	47,358	27,745	24,669	23,106	13,982	13,184
Roanoke.....	62	54	38	3,544	3,089	2,431	7,261	5,545	5,398	3,217	2,313	1,805
Staunton.....	44	.....	.....	339	.....	.....	1,223	.....	.....	327	.....	.....

<sup>1</sup> Included in "all other cities" for 1909.<sup>2</sup> Includes: Coatesville, Duquesne, Monessen, North Braddock, Old Forge, South Sharon, and Steelton boroughs, to avoid disclosure of individual operations.<sup>3</sup> Does not include statistics for Newport News.



## ABSTRACT OF THE CENSUS—MANUFACTURES.

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
							Expressed in thousands.					
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
<b>WASHINGTON:</b>												
Aberdeen.....	43			1,509			\$3,590			\$1,418		
Bellingham.....	96	73	47	1,566	1,314	1,562	4,600	\$3,294	\$2,629	2,178	\$1,643	\$1,076
Everett.....	94			2,375			7,423			3,564		
North Yakima.....	36			602			2,175			1,225		
Seattle.....	751	467	352	11,331	6,390	4,440	50,569	25,406	15,323	21,884	11,048	6,459
Spokane.....	286	188	84	3,989	2,428	1,060	18,880	8,831	3,756	8,637	4,131	1,723
Tacoma.....	276	236	174	5,765	4,457	3,552	22,450	14,264	10,301	8,734	6,107	3,960
Walla Walla.....	48	33	34	388	242	213	2,317	1,486	964	932	557	343
<b>WEST VIRGINIA:</b>												
Bluefield.....	15			670			1,465			576		
Charleston.....	63	54	48	931	887	686	3,235	2,101	1,262	1,098	1,103	603
Huntington.....	67	44	29	3,156	2,229	1,717	6,511	4,407	3,642	3,129	1,731	1,144
Martinsburg.....	39			1,420			2,516			1,239		
Parkersburg.....	75	68	72	1,495	1,444	1,237	5,499	3,778	3,101	1,939	1,290	1,215
Wheeling.....	176	195	178	7,809	7,127	6,190	27,077	21,797	15,074	11,052	9,308	6,668
<b>WISCONSIN:</b>												
Appleton.....	97	108	88	2,125	2,486	1,561	6,734	6,673	3,861	2,477	2,647	1,504
Ashland.....	38	37	41	1,116	1,361	1,812	2,748	4,210	3,600	1,262	2,018	2,084
Beloit.....	51	44	43	2,986	2,471	1,845	5,896	4,485	2,800	3,447	2,650	1,462
Eau Claire.....	75	73	64	2,524	1,985	1,758	5,855	3,602	3,876	2,881	1,803	1,764
Fond du Lac.....	97	85	74	2,707	2,566	1,520	8,227	5,600	2,861	3,153	2,289	1,226
Green Bay.....	102	103	79	2,579	2,111	1,427	6,235	4,873	2,769	2,342	2,177	1,346
Janesville.....	78	73	72	1,451	1,348	1,398	5,156	3,846	3,184	2,279	1,790	1,415
Kenosha.....	62	45	38	6,449	4,354	3,090	23,182	12,363	7,334	8,409	4,971	2,311
La Crosse.....	151	150	131	3,329	2,644	2,763	14,103	8,139	7,677	6,306	3,414	3,032
Madison.....	116	84	69	1,792	1,476	1,365	5,467	3,291	2,689	3,130	1,998	1,551
Manitowoc.....	80	76	62	1,525	1,321	975	5,939	4,428	1,935	1,976	1,488	1,099
Marquette.....	43	37	45	1,491	1,645	2,485	3,309	3,633	4,411	1,606	2,052	2,697
Milwaukee.....	1,764	1,527	1,419	59,502	43,366	41,220	208,324	137,995	110,834	87,703	66,892	51,160
Oshkosh.....	159	134	129	5,778	4,840	4,226	14,739	8,652	8,081	7,658	4,220	3,799
Racine.....	142	148	135	8,381	6,504	6,138	24,673	16,459	11,676	13,161	9,316	5,750
Sheboygan.....	109	96	80	5,988	5,903	4,992	11,299	9,751	6,907	5,210	4,198	3,195
Superior.....	99	72	75	1,847	1,343	1,765	6,574	6,357	6,836	2,302	1,709	1,810
Wausau.....	67	58	56	2,092	1,945	1,716	6,287	4,645	3,381	2,962	2,096	1,473
<b>WYOMING:</b>												
Cheyenne.....	22	18	17	853	552	423	1,577	925	722	970	617	433
All other cities <sup>1</sup> .....	142	54	71	16,331	8,401	6,892	82,537	22,346	15,272	22,218	11,389	6,666

<sup>1</sup> Includes Gary, Ind., Great Falls, Mont., Lackawanna, N. Y., Lakewood, Ohio, and Newport News, Va., in 1909, and Great Falls, Mont., and Newport News, Va. in 1904 and 1899.



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# MINES AND QUARRIES



CHAPTER 16.—STATISTICS OF MINES AND QUARRIES FOR INDUSTRIES AND STATES.

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## CHAPTER 16.

### STATISTICS OF MINES AND QUARRIES FOR INDUSTRIES AND STATES.

**Introduction.**—This chapter contains a summary of the statistics of mining for the United States for the calendar year 1909, as shown by the Thirteenth Census.

The statistics relate both to mines in the narrower sense and to quarries and petroleum and gas wells, but for brevity all these enterprises are often called "mines," using the term in its broad sense.

The principal statistics of mining industries derived from the census inquiry are given in a series of general tables at the end of the chapter. Table 25 gives a comparative summary of the results of the inquiries of 1909 and 1902, comparing for each geographic division and state the expenses of operation and development, the primary power, and the value of products. Table 26 gives a similar comparative summary for each industry. Table 27 gives for the several geographic divisions and for each state the number of operators; the number of mines, quarries, or wells; capital; expenses of operation and development; number of persons engaged in the industry; acreage of land controlled; primary power; and value of products. Table 28 gives similar information for each industry. Table 29 gives information similar to that contained in Table 28 for nonproducing mines, quarries, and wells, in which operations are as yet confined to development work.

The explanatory text deals almost exclusively with the producing mines, quarries, and wells, and gives for all mining industries combined and for a number of the more important industries separately further statistics amplifying the figures given in the general tables, together with averages, percentages, etc., derived from the figures in those tables.

In order to avoid any misapprehension as to the significance of the statistics here published, it seems advisable to offer a few brief explanations of the terms used in the census of mining industries.

**Scope of census.**—The Thirteenth Census covered all classes of mines and quarries that were in operation during any portion of the year 1909, both those which were producing and those whose operations were confined to development work, and petroleum and gas wells that were in operation at the end of that year. Mines, quarries, or wells that were idle during the entire year 1909 were omitted from the canvass. The following operations were likewise omitted from the canvass: Prospecting; the digging or dredging of sand and gravel for the construction of roads and for building operations; the production of mineral waters; and the operation of small bituminous coal banks producing less than 1,000 tons annually. Where the mineral products are not marketed in their

crude condition, but are dressed or washed at the mine or quarry, the statistics of mining cover the entire work of obtaining the crude material and its preparation for the market.

**Period covered.**—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for enterprises which began or discontinued business during the year.

**Number of operators.**—As a rule, the unit of enumeration was the "operator." Every individual, firm, or corporation was required to furnish one report for all mines, quarries, or wells which were operated under the same management, or for which one set of books of account was kept. Where several mines, quarries, or wells managed separately were owned by the same operator, it was optional with the operator to furnish one report for all his operations, or a separate report for each of his properties. Separate reports were obtained for all properties operated in different states, even where they were owned by the same operator. Likewise, where the operations of one individual, firm, or corporation covered more than one class of mines and quarries, such as coal, iron, limestone, etc., a separate report was received for each industry. The total number of operators, accordingly, as shown by the original returns, included a small amount of duplication. As far as practicable, all duplications of this character within the same industry were eliminated by the consolidation of the reports for the same operator. All such duplications have been eliminated for the coal, petroleum and natural gas, iron, and copper industries.

**Number of mines, quarries, and wells.**—This figure represents the total number of mines and quarries in operation or in the course of development at any time during the calendar year 1909, or the business year that corresponds most nearly to that calendar year, and the number of completed petroleum and natural gas wells in operation on December 31, 1909.

In most mining and quarrying industries the number of mines or quarries varies but little from the number of operators, the principal variations being found in the mining of anthracite coal, iron, and copper, with an average of more than two mines per operator; in the mining of tungsten, with an average of more than five mines per operator; and in the quarrying of gypsum, with an average of nearly three quarries per operator. In the production of petroleum and natural gas there was an average of more than twenty wells to one operator.

**Expenses of operation and development.**—A certain amount of development work is incident to the operation of every mine. The expenses reported for producing mines include the cost both of operation and of development work which was done in connection with operation.

**Wages.**—The amount shown as wages includes only the compensation of regular wage earners hired by the day, week, or month, or under the piecework system. There is a class of miners variously known under the local names of "leasers," "block lessees," etc., who are compensated by a share of the product. The compensation of such miners is included under the payments for "Contract work" in the general tables.

**Supplies and materials.**—This item includes the cost of lumber and timber used for repairs, mine supports, track ties, etc.; iron and steel for blacksmithing; rails, frogs, sleepers, etc., for tracks;



renewals of tools and machinery and materials for repairs; and supplies, explosives, oil, etc., as well as the cost of fuel and the rent of power. The schedule called only for the cost of such supplies and materials as had been used during the year covered by the report. Accurate figures, however, could be furnished only in those cases where the operators kept an account of supplies and materials used, or had an inventory made of all in stock at the beginning and at the end of the year. Such a system of accounting is far from general among mine operators, and there is reason to believe that in many cases the reported cost of supplies and materials covered all purchased during the year rather than those used during the year. The crude product of some operators was purchased by others for further dressing or refining; the cost of such materials is shown in a separate column in the general tables for producing mines, but in all other tables it is included in the general item of cost of supplies and materials.

**Miscellaneous expenses.**—In the general tables royalties and the rent of mines, taxes, and the amounts paid for contract work are shown in separate columns. All other expenses not enumerated separately are combined under the head of "Rent of offices and other sundry expenses," which includes rent of offices and buildings other than those at the mine, quarry, or well, use of patents, insurance, ordinary repairs of buildings and machinery (not including materials therefor where carried in separate accounts), advertising, damages, traveling expenses, and all other sundry expenses.

**Value of products.**—Statistics of the value of each mineral product were obtained by the Bureau of the Census in cooperation with the United States Geological Survey, but the two bureaus follow different methods in presenting these statistics. The Geological Survey shows separately the value of each mineral product, whereas the Bureau of the Census presents the value of products of each mining industry. The value of products given for each mining industry often includes the value of some products not covered by the industry designation. The crude product of metaliferous mines may include varying combinations of metals, such as gold, silver, copper, lead, zinc, and iron. Similarly, the total value of all products of the granite quarries is not identical with the value of the total output of granite, but may include the value of some marble or other stone quarried in connection with the principal product.

The value of products for 1909 in most cases represents the value of the products marketed during that year, not the value of those mined during that year. In this respect the data differ from those usually obtained for manufacturing establishments. In order to ascertain the value of the products mined during the year 1909, account would have had to be taken of the inventories at the beginning and at the close of the year. In many mining industries, however, no such inventories are made, by reason of the purely speculative value of the crude product lying on the dump.

Another element of inaccuracy inherent in the statistics as to the value of products is due to the combination of mining with manufacturing. Most of the product of iron mines is not sold, but is used in blast furnaces operated by the owners of the mines. A large proportion of the output of coal is likewise used in iron and steel works operated by the owners of the coal mines, while a considerable proportion also is controlled by railway companies and other industrial concerns which own the coal mines, either directly, or indirectly through subsidiary companies. In such cases the reported value of

the mining product is often a mere item of bookkeeping which may or may not reflect the actual market value of the product.

The total value of products for some industries includes a certain amount of duplication, due to the fact that the crude product of some operators was used as material by others whose mines or quarries were equipped with dressing or refining plants; the total value of products for the industry, accordingly, includes both the crude product and the refined product made from it. In order to eliminate this duplication and to obtain the approximate value of products for each industry, the cost of such materials, which is shown in a separate column in the general tables for producing mines, should be subtracted from the total value of products for the industry. There is, however, a certain degree of inaccuracy involved in such a computation, because the purchaser of the crude product usually figures freight as a part of the cost of his materials, whereas the value reported by the producer represents the selling value at the mine.

**Cost of production and profits.**—It can be seen from the preceding explanations that the difference between the reported value of products and the total expenses reported does not accurately represent profits. As already stated the product reported usually represents that sold rather than the actual output in producing which the expenses were incurred. Furthermore, the census inquiries did not call for depreciation, which is a particularly important element in mining because of the exhaustion of the mine. Few mining concerns keep a separate account for depreciation. Moreover, the heterogeneous character of the returns regarding capital precludes the computation, from census statistics, of the rate of return on the investment.

**Capital.**—The census schedule required every operator to state the total amount of capital invested in the enterprise on the last day of the business year reported, as shown by his books. There is, however, a great diversity in the methods of bookkeeping in use by different operators. As a result, the statistics for capital lack uniformity. Some of the reported figures apparently represent capital stock at face value; others include large investments in mineral lands which are not at present being actively mined, but are held in reserve; still others may include expenditures for unproductive mining ventures in no way related to the operations carried on during the census year.

**Persons engaged in mining industries.**—The statistics of the number of proprietors and officials, clerks, and wage earners, are based on the returns for December 15, or the nearest representative day. The reported number of wage earners includes overseers and foremen performing work similar to that of the men over whom they have charge; those whose duties are wholly supervisory are classed as superintendents and managers. Because of the very common practice of shutting down mines at frequent intervals, it is impossible to ascertain with any satisfactory degree of accuracy the average number of employees—that is, the number who, if continuously employed, would be required to produce the actual output of the year.

**Primary horsepower.**—This item represents the total primary power generated by the mining enterprises plus the amount of power, principally electric, rented by them from other concerns. It does not cover the horsepower of electric motors operated by current generated by the enterprises themselves, the inclusion of which would evidently result in duplication.



## GENERAL SUMMARY.

Continental United States and noncontiguous territory: 1909.—Table 1 gives for 1909 the principal statistics collected by the Bureau of the Census for all mines and quarries and petroleum and gas wells within the area of enumeration. In addition to

continental United States this area included in 1909 Alaska, Hawaii, and Porto Rico. The figures here given include nonproducing as well as producing mines and constitute the most general summary of the results of the investigation.

Table 1

	NUMBER OR AMOUNT: 1909				
	Total.	Continental United States.	Alaska.	Hawaii.	Porto Rico.
Number of operators.....	24,355	23,664	673	4	14
Number of mines and quarries.....	27,260	27,240	.....	6	14
Number of petroleum and gas wells.....	166,448	166,448	.....	.....	.....
Persons engaged in mining industries, Dec. 15, 1909...	1,175,188	1,166,948	8,025	45	170
Proprietors and firm members, total.....	35,208	33,691	1,501	2	14
Number performing manual labor in connection with mines, quarries, and wells.....	10,740	10,299	441	.....	.....
Salaried employees.....	46,694	46,475	219	.....	.....
Wage earners.....	1,093,286	1,086,782	6,305	43	156
Primary horsepower.....	4,722,479	4,699,910	22,347	197	25
Capital.....	\$3,710,356,533	\$3,662,527,064	\$47,749,164	\$45,700	\$34,605
Expenses of operation and development.....	1,087,437,081	1,074,191,429	13,220,200	19,760	5,692
Services.....	662,422,226	655,584,467	6,819,850	14,058	3,851
Salaries.....	56,286,988	55,878,478	408,510	.....	.....
Wages.....	606,135,238	599,705,989	6,411,340	14,058	3,851
Supplies and materials.....	263,019,615	260,110,898	2,902,956	5,371	390
Royalties and rent of mines.....	65,683,384	64,154,926	1,527,995	206	257
Contract work.....	32,335,580	30,690,458	1,645,063	.....	59
Miscellaneous.....	63,976,276	63,650,680	324,336	125	1,135
Value of products.....	1,255,370,163	1,238,410,322	16,933,427	20,955	5,459

Of the total number of persons engaged in mining industries in the area covered by the preceding table, only a little more than one-half of 1 per cent were in Alaska, while the mining operations in Hawaii and Porto Rico were insignificant.

Owing to the fact that a certain number of mines in continental United States and Alaska were engaged in development work only, during the census year, the figure for value of products in 1909, \$1,255,370,163, relates to a smaller number of enterprises than the figures for persons engaged in the industries, expenses, etc. Of the total, representing the value of the products of all mines in the entire area covered by the canvass, Alaska contributed \$16,933,427, or 1.3 per cent, while Hawaii contributed only \$20,955 and Porto Rico \$5,459. A rough but somewhat convenient measure of the relative importance of mining operations in the areas concerned is found in the per capita production (that is, value of products divided by total population), which was \$13.46 for continental United States, \$263.12 for Alaska, \$0.11 for Hawaii, and less than 1 cent for Porto Rico.

The further discussion of mining operations in this chapter is confined to the data reported for continental United States (referred to simply as the United States).

Producing and nonproducing mines.—In some aspects of the statistics of mining industries the distinction between producing and nonproducing mines is

important. So far as it is possible to bring the figures in regard to production into relation with the various factors of operation, particularly the number of employees and the expenses of operation, it is necessary to confine comparisons to the producing mines. Table 2 gives comparative figures for producing and nonproducing mines in the United States.

Table 2

	All enterprises.	Producing enterprises.	NONPRODUCING ENTERPRISES.	
			Number or amount.	Per cent of total.
Number of operators.....	23,664	19,915	3,749	15.8
Number of mines and quarries.....	27,240	18,164	9,076	33.3
Number of wells.....	166,448	166,320	128	(1)
Persons engaged in mining industry.....	1,166,948	1,139,332	27,616	2.4
Proprietors and firm members, total.....	33,691	29,922	3,769	11.2
Number performing manual labor.....	9,937	8,861	1,076	10.8
Salaried employees.....	46,475	44,127	2,348	5.1
Wage earners.....	1,086,782	1,065,283	21,499	2.0
Primary horsepower.....	4,699,910	4,608,253	91,657	2.0
Capital.....	\$3,662,527,064	\$3,380,525,841	\$282,001,223	7.7
Expenses of operation and development.....	1,074,191,429	1,042,642,693	31,548,736	2.9
Services.....	655,584,467	640,167,630	15,416,837	2.4
Salaries.....	55,878,478	53,303,551	2,484,927	4.4
Wages.....	599,705,989	586,774,079	12,931,910	2.2
Supplies and materials.....	260,110,898	247,806,304	12,244,594	4.7
Royalties and rent of mines.....	64,154,926	63,973,585	181,341	0.3
Contract work.....	30,690,458	28,887,898	1,802,560	5.9
Miscellaneous.....	63,650,680	61,747,276	1,903,404	3.0
Value of products.....	1,238,410,322	1,238,410,322	.....	.....

(1) Less than one-tenth of 1 per cent.



Perhaps the most satisfactory index of the relative importance of the two classes of mines shown in the preceding table is the number of wage earners and the amount of primary power, the figures for nonproducing mines representing exactly 2 per cent of the total in each instance. The average number of wage earners per operator for the nonproducing mines is 6 and for the producing mines 53.

Additional details in regard to nonproducing mines are given in Table 29 (p. 564), which presents separate figures for most of the different mining industries. The further discussion in this chapter of the statistics for 1909 will deal primarily with the producing mines,

with only incidental reference to the nonproducing enterprises.

There were in all mining industries in the United States in 1909, as shown by the previous table, 19,915 operators of producing mines, who employed 1,065,283 wage earners and reported products valued at \$1,238,410,322.

**Geographic distribution of producing enterprises.**—The distribution of the mining industries by geographic divisions and states is shown in Table 3, which gives the number of wage earners employed and the value of products for each division and state, with the percentage which such number or value forms of the total.

Table 3

DIVISION AND STATE.	PRODUCING ENTERPRISES: 1909						
	Number of operators.	Number of mines and quarries.	Number of wells.	Wage earners (Dec. 15, or nearest representative day).		Value of products.	
				Number.	Per cent of total.	Amount.	Per cent of total.
<b>United States....</b>	<b>19,915</b>	<b>18,164</b>	<b>166,320</b>	<b>1,065,283</b>	<b>100.0</b>	<b>\$1,238,410,322</b>	<b>100.0</b>
<b>GEOGRAPHIC DIVS.:</b>							
New England.....	510	586	.....	18,254	1.7	17,327,242	1.4
Middle Atlantic.....	6,333	3,903	71,122	402,937	37.8	370,742,262	30.0
East North Central..	4,152	2,662	56,379	213,669	20.1	237,534,170	19.2
West North Central..	2,300	2,603	3,450	88,458	8.3	130,252,538	10.5
South Atlantic.....	1,358	1,652	15,146	118,006	11.1	105,714,462	8.5
East South Central..	830	1,109	1,110	70,856	6.7	49,143,289	3.9
West South Central..	1,229	452	14,700	28,252	2.6	47,530,937	3.8
Mountain.....	1,972	3,728	97	93,072	8.7	205,053,906	16.6
Pacific.....	1,538	1,616	4,316	31,788	3.0	75,111,522	6.1
<b>NEW ENGLAND:</b>							
Maine.....	97	102	.....	2,471	0.2	2,056,063	0.2
New Hampshire.....	45	53	.....	1,520	0.1	1,308,597	0.1
Vermont.....	137	182	.....	8,388	0.8	8,221,323	0.7
Massachusetts.....	139	147	.....	3,508	0.3	3,467,888	0.3
Rhode Island.....	21	27	.....	677	0.1	897,606 <sup>(1)</sup>	
Connecticut.....	71	75	.....	1,600	0.2	1,375,765	0.1
<b>MIDDLE ATLANTIC:</b>							
New York.....	1,351	752	11,342	11,303	1.1	13,334,975	1.1
New Jersey.....	131	151	.....	6,801	0.6	8,347,501	0.7
Pennsylvania.....	4,851	3,000	59,780	384,833	36.1	349,059,786	28.2
<b>E. NORTH CENTRAL:</b>							
Ohio.....	1,876	964	35,067	57,185	5.4	63,767,112	5.1
Indiana.....	1,010	480	10,373	27,539	2.6	21,934,201	1.8
Illinois.....	915	759	10,918	82,436	7.7	76,658,974	6.2
Michigan.....	83	173	21	40,397	3.8	67,714,479	5.5
Wisconsin.....	268	286	.....	6,083	0.6	7,459,404	0.6
<b>W. NORTH CENTRAL:</b>							
Minnesota.....	153	250	.....	18,114	1.7	58,664,852	4.7
Iowa.....	373	431	.....	19,010	1.8	13,877,781	1.1
Missouri.....	1,021	1,224	39	29,676	2.8	31,667,525	2.5
North Dakota.....	53	53	6	800	0.1	564,812 <sup>(1)</sup>	
South Dakota.....	39	43	3	3,806	0.4	6,452,417	0.5
<b>W. NORTH CENTRAL—Continued.</b>							
Nebraska.....	18	20	.....	491	(1)	\$322,517	(1)
Kansas.....	643	582	3,402	16,441	1.5	18,722,634	1.5
<b>SOUTH ATLANTIC:</b>							
Delaware.....	9	9	.....	628	(1)	516,213	(1)
Maryland.....	126	173	.....	7,745	0.7	5,782,045	0.5
Virginia.....	150	244	.....	16,893	1.6	8,795,646	0.7
West Virginia.....	798	718	15,146	78,404	7.4	70,287,889	6.2
North Carolina.....	118	130	.....	2,825	0.3	1,358,617	0.1
South Carolina.....	29	32	.....	2,014	0.2	1,252,792	0.1
Georgia.....	92	109	.....	4,014	0.4	2,874,595	0.2
Florida.....	36	96	.....	5,483	0.5	8,846,665	0.7
<b>E. SOUTH CENTRAL:</b>							
Kentucky.....	437	442	1,109	22,033	2.1	12,100,075	0.9
Tennessee.....	216	365	1	18,028	1.7	12,692,547	1.0
Alabama.....	177	302	.....	30,795	2.9	24,350,667	2.0
<b>W. SOUTH CENTRAL:</b>							
Arkansas.....	96	146	62	6,422	0.6	4,603,845	0.3
Louisiana.....	33	2	246	953	0.1	6,547,050	0.5
Oklahoma.....	864	212	12,113	13,920	1.3	26,637,892	2.1
Texas.....	236	92	2,279	6,957	0.6	10,742,150	0.9
<b>MOUNTAIN:</b>							
Montana.....	373	543	.....	20,503	1.9	54,991,961	4.4
Idaho.....	174	370	.....	3,992	0.3	8,649,342	0.7
Wyoming.....	66	95	21	8,499	0.8	10,572,188	0.9
Colorado.....	672	1,575	76	24,769	2.4	45,680,135	3.7
New Mexico.....	98	285	.....	5,682	0.5	5,587,744	0.4
Arizona.....	135	251	.....	13,451	1.3	34,217,651	2.8
Utah.....	188	235	.....	11,004	1.0	22,083,282	1.8
Nevada.....	266	374	.....	5,572	0.5	23,271,597	1.9
<b>PACIFIC:</b>							
Washington.....	93	170	.....	7,343	0.7	10,537,556	0.9
Oregon.....	116	161	.....	1,087	0.1	1,191,512	0.1
California.....	1,329	1,279	4,316	23,358	2.2	63,382,454	5.1

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> No mineral production in District of Columbia or Mississippi.

Whether the importance of the mining industry be measured by the value of its products or by the number of wage earners employed, the Middle Atlantic division easily ranks first among the several geographic divisions, the value of its mineral products in 1909 amounting to \$371,000,000, or 30 per cent of the total for the United States. Next in order was the East North Central division, with products valued at \$238,000,000, or about one-fifth of the total. The mineral products of these two divisions consist largely of coal. Other divisions with a considerable mineral production are the Mountain, West North Central, and South Atlantic.

The prominence of the Middle Atlantic division in mineral production is due almost wholly to the state of Pennsylvania, which, with products (mainly coal) valued at nearly \$350,000,000 in 1909, reported more than one-fourth of the value of all mineral products in

the United States. No other state approaches it in importance. Illinois and West Virginia, which rank next in importance, each had products valued at a little more than \$76,000,000, or less than one-fourth the value shown for Pennsylvania. Other states where the value of mineral products exceeded \$50,000,000 are Michigan, Ohio, California, Minnesota, and Montana. The eight states named reported in 1909, 65.4 per cent of the value of all mineral products for the United States.

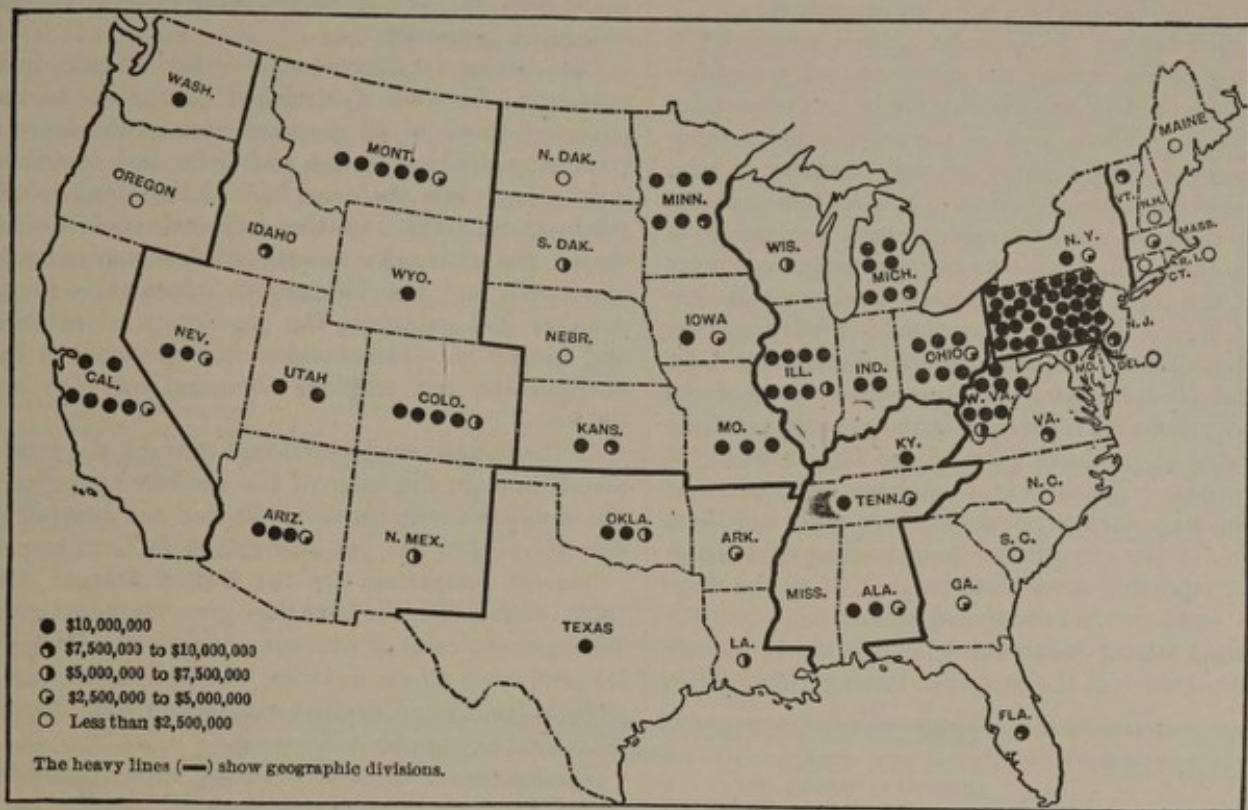
There are several states in which the mineral production is quite insignificant. In the District of Columbia and Mississippi no mineral production was reported. Rhode Island, North Dakota, Nebraska, and Delaware each contributed less than one-tenth of 1 per cent of the whole value of mineral products, while the contribution of Maine, New Hampshire, Massachusetts, Connecticut, North Carolina, South



# INDUSTRIES AND STATES.

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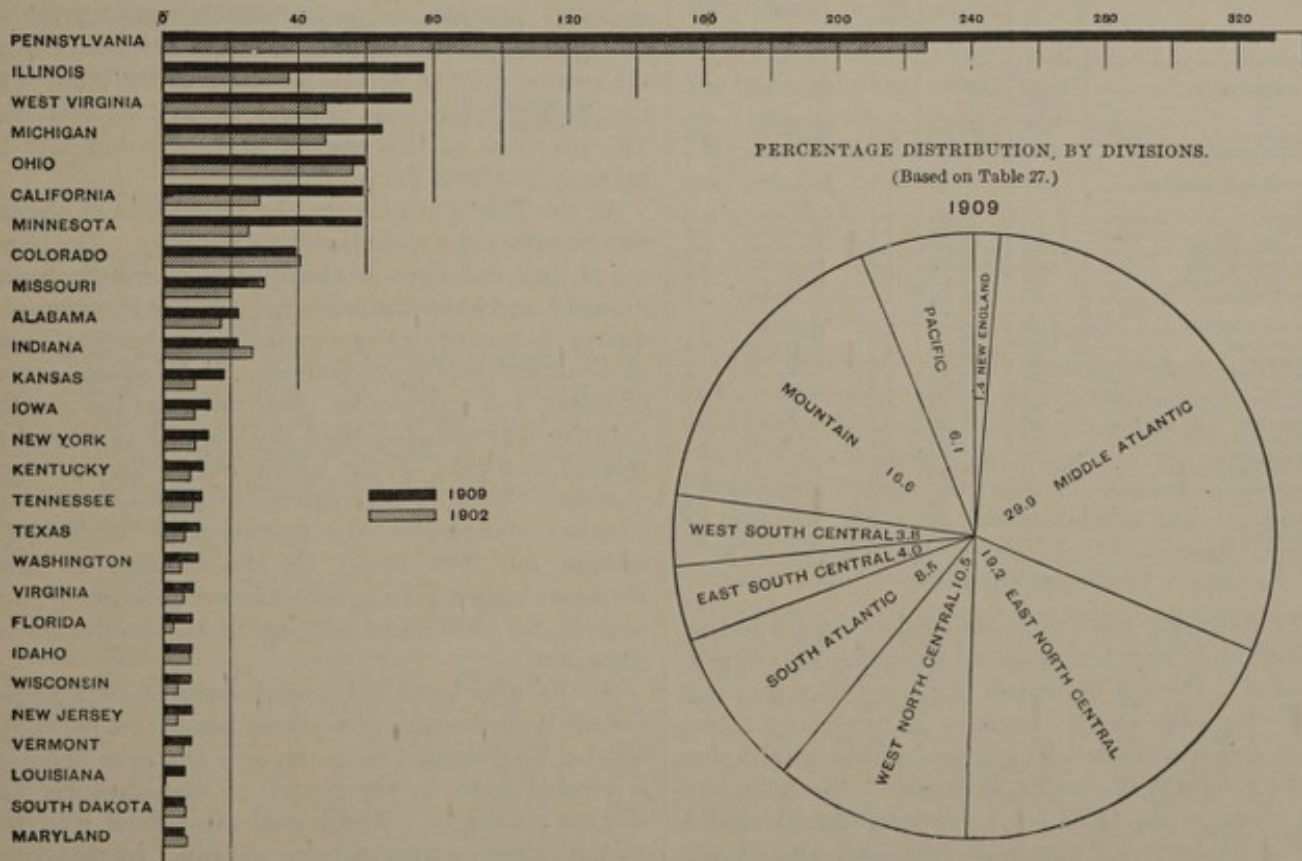
VALUE OF PRODUCTS, MINING INDUSTRIES: 1909.



VALUE OF PRODUCTS, MINING INDUSTRIES, BY STATES: 1902 AND 1909.

(Based on Table 25.)

MILLIONS OF DOLLARS





Carolina, Georgia, Arkansas, New Mexico, and Oregon was less than one-half of 1 per cent in each case.

The distribution of the wage earners employed in producing mines among the divisions and states follows approximately the distribution of the total value of products. Where coal is the chief mineral product, however, the number of wage earners is relatively greater than elsewhere. The Middle Atlantic division reported a considerably greater percentage of all wage earners in the producing mines of the country than of the total value of mineral products. In less marked degree the same statement holds true of the East South Central, South Atlantic, East North Central, and New England divisions, while each of the remaining divisions reported a larger percentage of the total value of products than of the total number of wage earners. Pennsylvania employed 36.1 per cent of all the wage earners, Illinois 7.7 per cent, and West Virginia 7.4 per cent, these three leading coal states together reporting more than one-half of all the wage earners employed in mining industries.

**Principal mining industries.**—Table 4 shows the relative importance of the principal mining industries in 1909.

Table 4

INDUSTRY.	PRODUCING ENTERPRISES: 1909				
	Number of operators.	Wage earners (Dec. 15, or nearest representative day).		Value of products.	
		Number.	Per cent of total.	Amount.	Per cent of total.
<b>All industries.....</b>	<b>19,915</b>	<b>1,065,283</b>	<b>100.0</b>	<b>\$1,238,410,322</b>	<b>100.0</b>
Coal.....	3,695	743,293	69.8	577,142,935	46.6
Anthracite.....	192	178,504	16.3	149,180,471	12.0
Bituminous.....	3,503	569,789	53.5	427,962,464	34.6
Petroleum and natural gas.....	7,793	39,831	3.7	185,416,684	15.0
Metals:					
Copper.....	161	53,143	5.0	134,616,987	10.9
Iron.....	176	52,230	4.9	106,947,082	8.6
Precious metals.....	2,282	37,815	3.6	94,123,180	7.6
Deep mines.....	1,604	33,616	3.2	83,885,928	6.8
Placer mines.....	678	4,199	0.4	10,237,252	0.8
Lead and zinc.....	977	21,603	2.0	31,363,094	2.5
Structural materials.....	3,988	92,350	8.7	75,922,908	6.1
Limestone.....	1,665	37,695	3.5	29,832,492	2.4
Granite.....	707	20,561	1.9	18,997,976	1.5
Sandstone.....	595	9,908	0.9	7,702,423	0.6
Marble.....	77	6,313	0.6	6,239,120	0.5
Slate.....	185	9,438	0.9	6,054,174	0.5
Traprock.....	196	6,290	0.6	5,578,317	0.5
Bluestone.....	503	2,175	0.2	1,588,406	0.1
Miscellaneous:					
Phosphate rock.....	51	8,186	0.8	10,781,192	0.9
Gypsum.....	78	3,778	0.4	5,812,810	0.5
Sulphur.....	4	408	(1)	4,432,066	0.4
Clay.....	261	3,871	0.4	2,945,948	0.2
All other.....	449	8,775	0.8	8,835,436	0.7

<sup>1</sup> Less than one-tenth of 1 per cent.

The foregoing table presents statistics for 9 industries which in 1909 had products exceeding \$10,000,000 in value. These 9 industries employed 95.2 per cent of all the wage earners engaged in producing enterprises and contributed 96 per cent of the total value of the products of mining industries. Statistics are also given in the table for 8 other mining industries having products between \$1,500,000 and \$10,000,000 in value. The 17 industries shown separately in the table employed over 99 per cent of the wage earners

engaged in productive enterprises and contributed more than 99 per cent of the total value of products of mining industries.

Coal mining far outranks any other industry in importance. In 1909 it furnished occupation to more than two-thirds of all the wage earners employed by producing mines, quarries, and wells, and contributed only a little less than one-half of the total value of products reported. Of the total value of coal produced, the anthracite mines furnished approximately one-fourth and the bituminous mines three-fourths. Another fuel industry—the production of petroleum and natural gas—ranks second in importance in value of products, but employs comparatively few wage earners.

Of the metals, copper and iron outrank the precious metals both in the value of the product mined and in the number of wage earners, but lead and zinc fall considerably below the precious metals in both respects.

**General comparison for the United States: 1902–1909.**—Table 5 on the next page gives statistics regarding expenses, value of products, and mechanical power for producing mines, quarries, and petroleum and gas wells in the United States for 1909 and 1902, together with the percentages of increase.

The figures in this table for 1909 vary slightly from those shown in preceding tables by reason of the differences between the present census and that of 1902 in the classification of mining industries. There are many industries on the border line between mining and manufacturing. Certain mechanical and chemical processes required for the preparation of the mineral for the market after its extraction from the ground may be performed either at the mine or at the factory where the mineral is used as material. The practices in this respect vary from industry to industry and from period to period.

At the Thirteenth Census the production of cement was classified as a manufacturing industry. The burning of lime was likewise classified as a manufacturing industry, and where the lime was burned at the limestone quarry the quarrying was regarded as a subordinate part of the manufacturing operations. At the special census of mines and quarries in 1902, however, the cement industry was included, and the burning of lime was treated as a part of the operations of the limestone quarries. In order to make the statistics for the two censuses comparable, the figures given in Table 5 include for 1909 those for the burning of lime, elsewhere treated as a manufacturing industry, and exclude for 1902 those relating to the production of cement.

On the other hand, the special census of 1902 did not include the conversion of coal into coke at the coal mines. In the Thirteenth Census reports the coke industry is treated both in the report on manufactures and in that on mines. Where coal was turned into coke at the mines, estimates were obtained for the coke-manufacturing operations and included in the statistics of manufactures. At the same time, since the



mining of the coal and its conversion at the mines into coke form, in fact, integral parts of one industrial operation, the complete report for both processes is included in the statistics for bituminous coal mines. In order, however, to make the statistics for 1909 comparable with those for 1902, all statistics relating to coke have been eliminated from the table which follows.

By reason of these adjustments the figures here printed do not correspond either to those given in the report for 1902 or to those printed elsewhere for 1909.

Table 5

	NUMBER OR AMOUNT.		Per cent of increase.
	1909	1902	
Expenses of operation and development:			
Services.....	\$625,610,068	\$401,225,547	55.9
Supplies and materials.....	208,771,046	114,515,852	82.3
Royalties and rent of mines.....	62,456,760	34,476,227	81.2
Contract work.....	24,091,986	20,638,127	16.7
Value of products.....	1,175,475,001	771,486,926	52.4
Primary horsepower.....	4,556,170	2,663,964	71.0

The item "taxes, rent of offices, and other sundry expenses," which is included with the expenses of operation and development in the tables giving statistics for 1909 only, is not shown in this table for the reason that at the special census of mines and quarries in 1902 the corresponding item of expenses included interest, which was excluded at the Thirteenth Census. In 1902 the item of interest on bonds amounted to more than \$13,000,000. The amount of interest paid on other loans was not reported separately. The aggregate expenses shown in the preceding table represent 96.3 per cent of the total expenses reported for 1902 exclusive of interest on bonds, while the aggregate for 1909 represents 90.6 per cent of the total expenses for that year.

In 1902 the products of mining industries were valued at \$771,486,926, but in 1909 the value was reported as \$1,175,475,001, an increase of 52.4 per cent in the seven years.

VALUE OF PRODUCTS, MINING INDUSTRIES: 1902 AND 1909.

(Based on Table 26.)

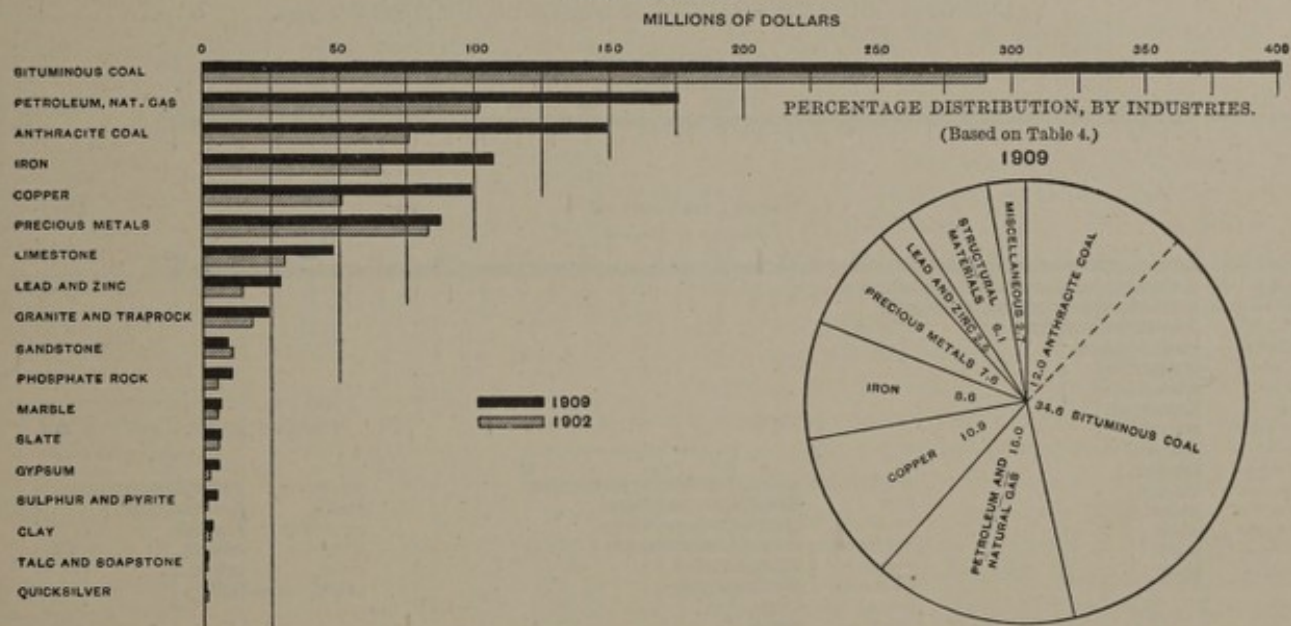


Table 26, page 559, gives comparative statistics in detail for the years 1909 and 1902, by industries. Table 6, which is based on this table, gives for the leading mining industries the value of products in 1909 and 1902, with the percentage of increase.

Table 6

INDUSTRY.	VALUE OF PRODUCTS.		Per cent of increase.
	1909	1902	
All industries.....	\$1,175,475,001	\$771,486,926	52.4
Coal.....	550,513,866	366,642,015	50.2
Anthracite.....	149,180,471	76,173,586	95.8
Bituminous.....	401,333,395	290,468,429	38.2
Petroleum and natural gas.....	175,527,807	102,034,590	72.0
Copper.....	99,493,799	51,178,036	94.4
Iron.....	106,947,082	65,460,985	63.4
Precious metals.....	87,671,553	82,482,052	6.3
Deep mines.....	77,434,301	77,154,326	0.4
Placer mines.....	10,237,252	5,327,725	92.2
Lead and zinc.....	28,568,547	14,600,177	95.7
Limestone.....	47,784,479	30,278,877	57.8
Granite and traprock.....	24,576,293	18,042,943	36.2
Phosphate rock.....	10,781,192	4,022,943	119.0

This table shows that the greatest relative increase in the seven-year period was in the phosphate rock industry. The smallest relative increase (6.3 per cent) was in the mining of precious metals, the deep mines showing an increase in value of products amounting to only 0.4 per cent, although the less important placer mines show an increase of 92.2 per cent. Large increases are shown for the mining of copper and of lead and zinc. There was also a large increase in the case of anthracite coal, but on account of the coal strike in 1902 the figures for that year do not represent normal conditions. The percentage of increase in the bituminous coal-mining industry falls considerably below the average for all mining industries in the period under consideration. To some extent this is due to a decline in the average price of bituminous coal, for the tonnage produced increased more than 45 per cent.



Table 25, page 557, gives comparative statistics in detail for the years 1909 and 1902, by states. The following table presents certain figures for those states which show a relative increase in the value of products above the average for the United States:

STATE.	VALUE OF PRODUCTS.		Per cent of increase.
	1909	1902	
Louisiana.....	\$6,539,850	\$279,327	2,241.3
Florida.....	8,915,181	2,943,806	202.8
Minnesota.....	58,975,781	25,620,677	130.2
Nebraska.....	322,517	148,391	117.3
New Jersey.....	8,548,858	4,042,047	111.5
Illinois.....	77,214,345	37,377,226	106.6
California.....	59,012,946	28,611,307	106.3
Wisconsin.....	8,575,402	4,257,685	101.4
Washington.....	10,826,503	5,390,659	100.7
Kansas.....	18,386,812	9,525,060	93.0
North Dakota.....	564,812	325,967	73.3
Arkansas.....	4,764,784	2,840,341	67.8
Texas.....	11,095,588	6,737,606	64.7

Corresponding figures for those states in which the value of products showed an actual decrease from 1902 to 1909 are given in Table 8.

Table 8

STATE.	VALUE OF PRODUCTS.		Per cent of decrease.
	1909	1902	
Colorado.....	\$39,397,859	\$40,508,286	2.7
Massachusetts.....	4,332,218	4,499,401	3.7
South Dakota.....	6,415,788	6,697,797	4.2
Georgia.....	2,924,741	3,080,287	5.0
Maine.....	3,270,766	3,656,134	10.5
Maryland.....	6,164,122	7,162,113	13.9
Indiana.....	22,324,647	26,896,393	17.0
Oregon.....	1,237,292	2,087,389	40.7

Colorado and Indiana are the only important mining states that show a decrease in mining activity. This decline in Colorado is manifested not only in the value of products, but also in the amount expended for salaries and wages, which decreased 7.2 per cent, and for royalties, which shows a decrease of 4.4 per cent.

Geographic distribution of the principal industries: 1909.—Table 9 gives statistics, by leading states, for each of the nine leading mineral industries. A graphic presentation of the same facts is made in the following diagram:

#### VALUE OF PRODUCTS, LEADING INDUSTRIES, BY STATES: 1909.

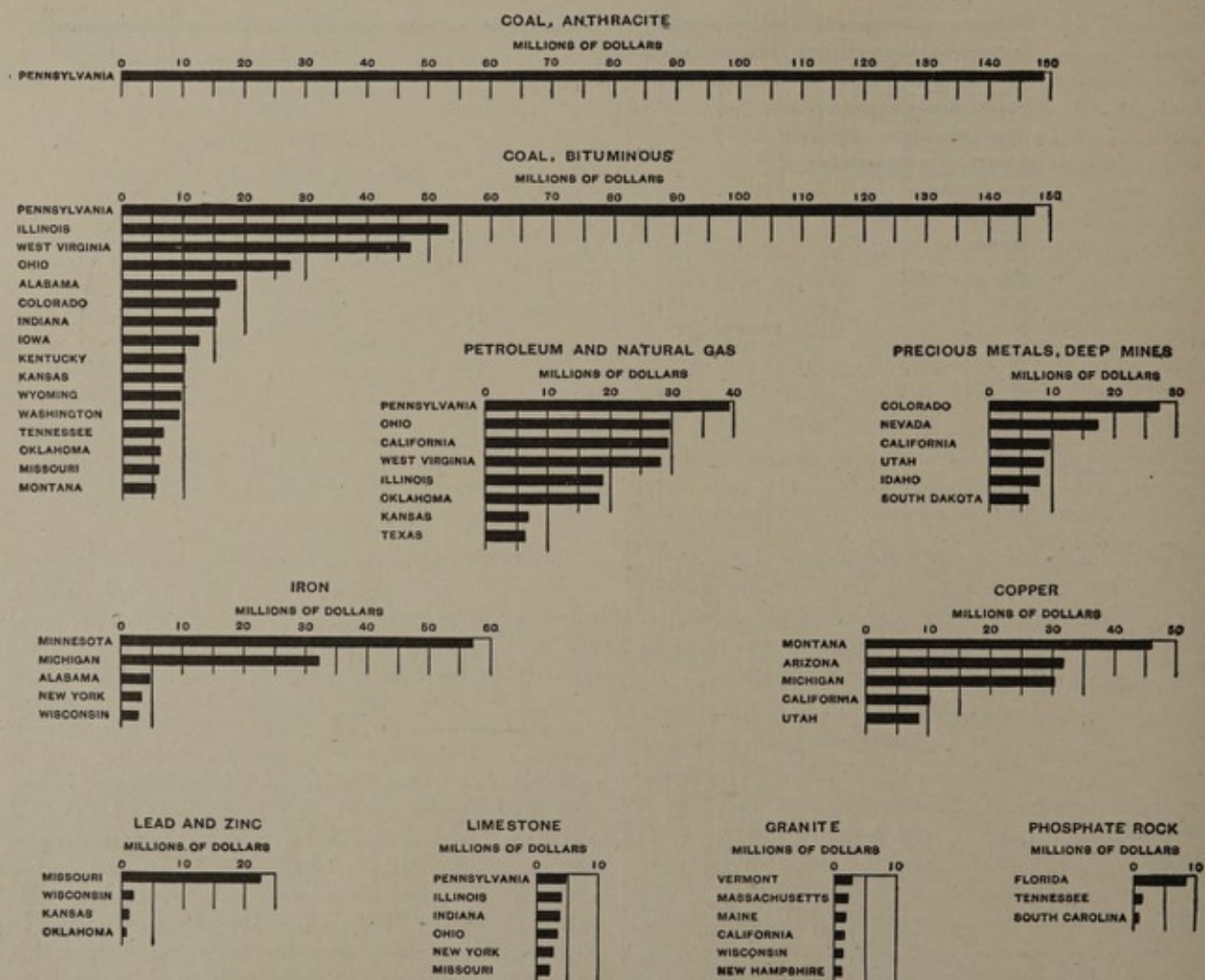




Table 9

INDUSTRY AND STATE.	Number of operators.	WAGE EARNERS (DEC. 15, OR NEAREST REPRESENTATIVE DAY).		VALUE OF PRODUCTS.	
		Number.	Per cent of total.	Amount.	Per cent of total.
<b>Coal, anthracite.</b>	192	173,504	100.0	\$149,180,471	100.0
Pennsylvania.	189	173,263	99.9	148,957,894	99.9
<b>Coal, bituminous.</b>	3,503	569,789	100.0	427,962,464	100.0
Pennsylvania.	689	184,408	32.4	147,466,417	34.5
Illinois.	470	74,445	13.1	53,030,545	12.4
West Virginia.	307	69,666	12.2	46,929,592	11.0
Ohio.	441	44,405	7.8	27,353,663	6.4
Alabama.	112	23,479	4.1	18,459,433	4.3
Colorado.	86	15,461	2.7	15,782,197	3.7
Indiana.	223	22,357	3.9	15,018,123	3.5
Iowa.	238	17,623	3.1	12,682,106	3.0
Kentucky.	240	19,655	3.4	10,003,481	2.3
Kansas.	118	12,791	2.2	9,835,614	2.3
Wyoming.	35	7,839	1.4	9,721,134	2.3
Washington.	32	6,155	1.1	9,226,793	2.2
Tennessee.	85	11,154	2.0	6,688,454	1.6
Oklahoma.	56	8,814	1.5	6,185,078	1.4
Missouri.	173	9,526	1.7	5,881,034	1.4
Montana.	48	4,612	0.8	5,117,444	1.2
<b>Petroleum and natural gas.</b>	7,793	39,831	100.0	185,416,684	100.0
Pennsylvania.	3,030	7,397	18.6	39,197,475	21.1
Ohio.	1,188	5,897	14.8	29,620,959	16.0
California.	339	7,007	17.6	29,310,335	15.8
West Virginia.	442	7,093	17.8	28,188,087	15.2
Illinois.	323	4,059	10.2	18,895,815	10.2
Oklahoma.	711	3,066	7.7	17,685,092	9.5
Kansas.	217	1,302	3.3	6,681,780	3.6
Texas.	163	1,405	3.5	6,391,313	3.4
<b>Copper.</b>	161	53,143	100.0	134,616,987	100.0
Montana.	35	13,697	25.8	45,960,517	34.1
Arizona.	43	11,394	21.4	31,614,116	23.5
Michigan.	7	19,022	35.8	30,165,443	22.4
California.	9	2,510	4.7	10,104,373	7.5
Utah.	22	3,304	6.2	8,432,099	6.3
<b>Iron.</b>	178	52,230	100.0	106,947,082	100.0
Minnesota.	20	16,218	31.1	57,076,135	53.4
Michigan.	24	16,125	30.9	32,168,133	30.1
Alabama.	25	5,666	10.8	4,939,149	4.6
New York.	14	2,542	4.9	3,095,023	2.9
Wisconsin.	6	1,455	2.8	2,972,584	2.8
<b>Precious metals, Deep mines.</b>	1,604	33,616	100.0	83,885,928	100.0
Colorado.	439	7,586	22.6	27,147,937	32.4
Nevada.	218	3,818	11.4	17,807,945	21.2
California.	395	6,622	19.7	9,690,956	11.6
Utah.	108	3,905	11.6	8,541,522	10.2
Idaho.	60	3,077	9.2	7,926,602	9.4
South Dakota.	13	3,466	10.3	6,120,970	7.3
<b>Precious metals, Placer mines.</b>	678	4,199	100.0	10,237,252	100.0
California.	392	3,073	73.2	8,751,032	85.5
<b>Lead and zinc.</b>	977	21,603	100.0	31,363,094	100.0
Missouri.	617	16,319	75.5	22,565,528	71.9
Wisconsin.	88	1,753	8.1	1,989,907	6.3
Kansas.	189	848	3.9	1,059,540	3.4
Oklahoma.	47	724	3.4	695,235	2.2
<b>Limestone.</b>	1,665	37,695	100.0	29,832,492	100.0
Pennsylvania.	311	7,179	19.0	4,733,819	15.9
Illinois.	81	3,276	8.7	3,977,359	13.3
Indiana.	126	3,724	9.9	3,616,696	12.1
Ohio.	144	3,746	9.9	3,363,149	11.3
New York.	127	3,104	8.2	2,656,142	8.9
Missouri.	144	2,437	6.5	2,027,902	6.8
<b>Granite.</b>	707	20,561	100.0	18,997,976	100.0
Vermont.	51	2,035	9.9	2,829,522	14.9
Massachusetts.	82	2,278	11.1	2,185,986	11.5
Maine.	85	2,132	10.4	1,761,801	9.3
California.	62	1,318	6.4	1,518,916	8.0
Wisconsin.	21	1,448	7.0	1,433,105	7.5
New Hampshire.	40	1,305	6.3	1,205,811	6.3
<b>Phosphate rock.</b>	51	8,186	100.0	10,781,192	100.0
Florida.	26	5,105	62.4	8,488,801	78.7
Tennessee.	23	1,725	21.1	1,395,942	12.9
South Carolina.	5	1,307	16.0	862,409	8.0

Statistics are given for each of the states where the industry in question is important either by reason of the absolute value of the product or of its proportion of the total for the industry. In most of the industries here shown the production is so concentrated that the states given represent upward of nine-tenths of the entire production, but in the case of the lead and zinc, limestone, and granite industries, the aggregate value of the products reported by the states named falls short of this fraction.

Of the value of the products of the bituminous coal mines in 1909, Pennsylvania contributed more than one-third, and a group of five states—Pennsylvania, West Virginia, Ohio, Indiana, and Illinois—together reported more than two-thirds of the total. Including those just named, the table shows 16 states, situated in all parts of the Union, which had a product valued at more than \$5,000,000. The anthracite coal production is practically confined to the state of Pennsylvania.

Petroleum and natural gas also show production centers in various parts of the country. Pennsylvania leads, with a little over one-fifth of the total value of products for the industry, but does not report so large a proportion of the total as in the case of coal.

More than one-third of the value of products for the copper industry in 1909 was represented by the product of Montana, while Arizona and Michigan each contributed over one-fifth. More than one-half of the value of products for the iron industry in 1909 was contributed by Minnesota and somewhat less than one-third by Michigan.

In the production of precious metals by placer mining California was the only important state, while nearly one-third of the value of products for deep mines was reported from Colorado and over one-fifth from Nevada. The production of Alaska is not included in the table, which relates exclusively to continental United States. It may, however, be noted that the canvass of mines in Alaska by the Bureau of the Census gave \$12,762,000 as the value of the products of placer mining in that territory. The inquiry of 1909 was the first attempt to secure information concerning placer mining in Alaska by census methods. The wide extent of the field and the difficulties of the inquiry lead to the belief that the product reported is considerably short of the actual product of the Alaska placer mines.

The lead and zinc industry is geographically far more closely concentrated than any thus far considered. In 1909 Missouri reported 71.9 per cent of the total value of products of this industry and employed 75.5 per cent of the wage earners engaged therein. The phosphate rock industry shows a marked concentration in the state of Florida, which reported 78.7 per cent of the total value of products and employed 62.4 per cent of all wage earners in the industry. On the other hand, the production of limestone and granite is widely distributed. In the case of the limestone industry, the six states which had a product exceeding \$2,000,000 in value together reported but little more than two-thirds of the total value of products; and in the case of the granite industry the six states having a product in excess of \$1,000,000 in value reported only 57.5 per cent of the total. In addition the variation in value of products among the states named in the table is much less marked in the case of these industries than in most of the other industries listed.



## PERSONS ENGAGED IN MINING INDUSTRIES.

The number of persons engaged in mining industries, by classes, was ascertained as far as possible for December 15 of the year 1909. In those cases, however, where the mines were not in operation on that date, or the time records for that date were not obtainable, the numbers were ascertained for the nearest representative date. In addition to this information, the number of wage earners, without classification, was ascertained for the 15th day of every month.<sup>1</sup>

The whole number of persons engaged in connection with producing mines, quarries, and wells, as reported on December 15, or the nearest representative day, was 1,139,332, of whom 1,065,283 were wage earners. Since the representative day was taken in some other month than December, in many cases, because the mines were not in operation on December 15, as stated above, this number of wage earners is greater than the number actually engaged at any given time. The greatest number simultaneously employed in all producing mines was 1,022,885, this number being reported for November 15. This does not, however, represent the entire number of persons who gave all or a part of their time to mining in 1909. The busiest months do not coincide for all mining industries nor for all mines within a given industry. Mining, moreover, affords some contrast to manufactures with respect to employment. Whereas in the manufacturing cities there is some opportunity for wage earners to pass from one industry where employment is temporarily slack to another where labor is in greater demand, there is rarely sufficient diversity of mining industries in a given locality to permit such a shifting. Furthermore, even within an industry as widespread as bituminous coal mining, distance would largely prevent the employees of a mine temporarily shut down from seeking employment in other coal mines. The total number of wage earners reported for December 15, or the nearest representative day, namely, 1,065,283, may therefore be accepted as less, if anything, than the total number of wage earners who derived a livelihood from mining during the year 1909.

**Distribution by sex and age.**—Table 10 shows the classification of the persons employed in producing mines on the 15th day of December, or the nearest representative day.

Women were employed only in supervisory and clerical capacities, none being reported as wage earners in mining operations proper. It will be noted, moreover, that the reported number of boys under 16 years of age, 8,151, is less than 1 per cent of the whole number of wage earners employed.

Table 10

CLASS.	PERSONS ENGAGED IN PRODUCING ENTERPRISES: 1909		
	Total.	Male.	Female.
All classes.....	1,139,332	1,135,528	3,804
Proprietors and officials.....	49,374	47,931	1,443
Proprietors and firm members.....	29,922	28,571	1,351
Salaried officers of corporations.....	5,657	5,577	80
Superintendents and managers.....	13,795	13,783	12
Clerks and other salaried employees.....	24,675	22,314	2,361
Wage earners.....	1,065,283	1,065,283	.....
16 years of age and over.....	1,057,132	1,057,132	.....
Under 16 years of age.....	8,151	8,151	.....

**Distribution by industrial status.**—Table 11 shows for all mining industries and for the nine most important industries separately the distribution of the persons engaged in producing enterprises according to general character of occupation or industrial status, together with the percentage that each class forms of the total.

Table 11

INDUSTRY.	PERSONS ENGAGED IN PRODUCING ENTERPRISES: 1909						
	Number.				Per cent of total.		
	Total.	Proprietors and officials.	Clerks and other salaried employees.	Wage earners.	Proprietors and officials.	Clerks and other salaried employees.	Wage earners.
All industries .....	1,139,332	49,374	24,675	1,065,283	4.3	2.2	93.5
Coal.....	770,681	12,935	14,453	743,293	1.7	1.9	96.4
Anthracite.....	178,004	1,315	3,185	173,504	0.7	1.8	97.5
Bituminous .....	592,677	11,620	11,268	569,789	2.0	1.9	96.1
Petroleum and natural gas.....	62,172	19,353	2,988	39,831	31.1	4.8	64.1
Copper.....	55,258	661	1,454	53,143	1.1	2.7	96.2
Iron.....	55,176	1,109	1,837	52,230	2.1	3.3	94.6
Precious metals.....	43,191	4,508	868	37,815	10.4	2.0	87.6
Lead and zinc.....	24,397	2,525	269	21,603	10.4	1.1	88.5
Limestone.....	41,029	2,645	689	37,695	6.4	1.7	91.9
Granite.....	22,211	1,248	402	20,561	5.6	1.8	92.6
Phosphate rock.....	8,573	214	173	8,186	2.5	2.0	95.5

Of the whole number of persons engaged in producing enterprises, 4.3 per cent were proprietors and officials, 2.2 per cent were clerks and other salaried employees, and 93.5 per cent were wage earners. The proportion of proprietors and officials ranges, among the industries given, from 1.1 per cent in the copper industry to 31.1 per cent in the petroleum and natural gas industry. Large proportions for proprietors and officials occur also in the production of the precious metals and of lead and zinc. In the anthracite branch of the coal industry proprietors and officials formed only 0.7 per cent of all persons engaged in the industry. The range of difference with respect to the proportion of clerks is much less than with respect to the proportion of proprietors and officials.

<sup>1</sup> It must be borne in mind that the business year for which returns were obtained did not in all cases coincide with the calendar year. As a result, the total for the month of December includes a few returns for December, 1908, when the business year ended before Dec. 31, 1909. In such cases it was assumed that the number employed on the 15th day of December, 1909, was approximately equal to the number reported for Dec. 15, 1908. The same applies to the figures for other months, some of which were reported for 1908 and others for 1910. The statistics of the number of wage earners must, therefore, be regarded as approximations; they are sufficiently close, however, for purposes of general comparison.



Proprietors performing manual labor.—Table 12 gives, for the principal mining industries, the number of proprietors and firm members compared with the number and percentage who perform manual labor.

Table 12

INDUSTRY.	PROPRIETORS AND FIRM MEMBERS IN PRODUCING ENTERPRISES: 1909		
	Total.	Performing manual labor.	
		Number.	Per cent.
All industries.....	29,922	8,861	29.6
Coal, bituminous.....	3,739	1,713	45.8
Petroleum and natural gas.....	16,213	2,155	13.3
Precious metals:			
Placer mines.....	951	673	70.8
Deep mines.....	2,011	951	47.3
Lead and zinc.....	1,947	1,171	60.1
Limestone.....	1,634	640	39.2
Granite.....	730	318	43.6

Mine operators of the old type who operate their mines without the assistance of hired help or with little help are still quite numerous, as appears from the fact that out of a total of 29,922 proprietors and

firm members in 1909, 8,861, or nearly three-tenths, were personally performing manual labor in or about their enterprises. The industries in which proprietors of this type were relatively the most numerous include bituminous coal mining, in which 45.8 per cent of the proprietors and firm members were performing manual labor; lead and zinc mining, and placer mining (surface gold washing), in each of which industries a majority of the proprietors were working in their own mines; and deep gold and silver mines, in which nearly one-half of all proprietors belonged to this class. There are also a considerable number of proprietors and firm members performing manual labor in the petroleum and natural gas industry, but as the whole number of proprietors and firm members is very large, they constitute a comparatively small percentage of the total.

Wage earners by occupation.—Table 13 gives for all mining industries and for the nine most important industries separately the number of wage earners in producing mines classified by specific occupation and by age group, distinguishing those who work above and those who work below ground.

Table 13

CLASS OF WAGE EARNERS.	All mining industries.	COAL.			Petroleum and natural gas.	Copper.	Iron.	Precious metals.	Lead and zinc.	Limestone.	Granite.	Phosphate rock.
		Total.	Bituminous.	Anthracite.								
All wage earners (producing enterprises only).....	1,065,283	743,293	569,789	173,504	39,831	53,143	52,230	37,815	21,603	37,695	20,561	8,186
Men 16 years of age and over.....	1,057,132	736,325	566,068	170,257	39,820	53,077	51,741	37,803	21,573	37,572	20,474	8,119
Engineers, firemen, mechanics, etc.....	103,519	42,098	29,826	12,272	27,063	6,860	7,073	5,710	3,745	3,224	1,921	1,049
Miners, miners' helpers, quarrymen, and stonecutters.....	627,513	467,179	384,023	83,156	28,570	24,926	21,855	12,552	25,748	14,290	4,375	2,695
All other wage earners.....	326,100	227,048	152,219	74,839	12,757	17,647	19,742	10,238	5,276	8,600	4,263	2,092
Boys under 16 years of age.....	8,151	6,968	3,721	3,247	11	66	489	12	30	123	87	67
Above ground, total.....	366,962	142,843	94,090	48,753	39,831	22,481	24,889	15,333	8,062	37,695	20,561	7,925
Men 16 years of age and over.....	361,928	138,792	93,273	45,519	39,820	22,420	24,569	15,324	8,037	37,572	20,474	7,858
Engineers, firemen, mechanics, etc.....	93,586	34,141	24,389	9,752	27,063	6,238	6,597	5,112	3,584	3,224	1,921	1,049
Miners, miners' helpers, quarrymen, and stonecutters.....	78,380	.....	.....	.....	1,269	4,736	2,870	427	25,748	14,290	4,117	2,695
All other wage earners.....	189,962	104,651	68,884	35,767	12,757	14,913	13,236	7,342	4,026	8,600	4,263	2,092
Boys under 16 years of age.....	5,034	4,051	817	3,234	11	61	320	9	25	123	87	67
Below ground, total.....	698,321	600,450	475,699	124,751	.....	30,662	27,341	22,482	13,541	.....	.....	261
Men 16 years of age and over.....	693,204	597,533	472,795	124,738	.....	30,657	27,172	22,479	13,536	.....	.....	261
Engineers, firemen, mechanics, etc.....	9,933	7,957	5,437	2,520	.....	622	476	598	161	.....	.....	258
Miners and miners' helpers.....	549,133	467,179	384,023	83,156	.....	27,301	20,190	18,985	12,125	.....	.....	3
All other wage earners.....	136,138	122,397	83,335	39,062	.....	2,734	6,506	2,896	1,250	.....	.....	.....
Boys under 16 years of age.....	3,117	2,917	2,904	13	.....	5	169	3	5	.....	.....	.....

This table gives further information in regard to the employment of boys under 16 years of age. Only eight-tenths of 1 per cent of the wage earners in all mining industries were boys under 16 years of age, and of these only three-eighths were employed below ground. The largest number of boys under 16 years of age (3,721) were employed in bituminous coal mining, though 3,247 were employed in the anthracite coal-mining industry, where they formed nearly 2 per cent of the whole number of wage earners—a higher percentage than in any other industry shown in the table. Most of the boys in the anthracite coal industry, however, were employed above ground. In none of the other industries shown in the table did the proportion of boys under 16 years of age reach 1 per cent of the whole number of wage earners.

Miners and miners' helpers, quarrymen, and stonecutters constitute the most numerous class of wage earners, forming, in 1909, 58.9 per cent of the whole number employed in all industries combined. The proportion of miners and miners' helpers reached 67.4 per cent in the bituminous coal industry and 47.9 per cent in anthracite coal mining. It was about the same in the iron mines, but somewhat greater in the other industries employing miners. In the limestone and granite industries quarrymen and stonecutters are naturally the largest numerical group.

The wage earners included under the heading of "Engineers, firemen, mechanics, etc.," constituted 9.7 per cent of all wage earners employed in mining in 1909. The proportion was lowest in the coal industry, where such wage earners formed 5.7 per cent



of the total, and highest in the petroleum and natural gas industry, where they constituted 67.9 per cent. The miscellaneous group "All other wage earners," which is composed mostly of unskilled laborers, comprised 30.6 per cent of all wage earners employed. The proportion in this class was largest in anthracite coal mining (43.1 per cent) and smallest in the granite industry (20.7 per cent).

In all mining industries about one-third of the wage earners (34.4 per cent) were employed above ground and about two-thirds (65.6 per cent) below ground. The two branches of the coal-mining industry have a larger proportion of their wage earners below ground than any other mining industry. In the phosphate rock industry only 3.2 per cent of the wage earners were employed below ground, while three of the industries named in the table—the petroleum and natural gas, limestone, and granite industries—are exclusively surface industries.

**Contract work.**—In addition to the work performed by wage earners regularly engaged in mining and by the proprietors who contribute their own labor to the operation of the mines, a portion of the work incident to mining is done by contract. The number of wage earners employed by contractors can not be ascertained, because the work is temporary and the same men after completing one job are shifted to another place. A special form of contract work common in certain metalliferous mines is the working of mines in return for a share of the product. Under this system a miner "leases" a block in a mine on a royalty basis; the product is delivered by him to the mine owner, who disposes of it, deducts the royalty, and pays the "lessee" his share. In the operation of petroleum and natural gas wells, little labor is required. This condition has called into existence a special class of mechanics who contract with individual operators to take care of their properties, devoting to each property only a part of their time.

The relative importance of work done under contract, as compared with the work performed by regular wage earners, is shown by a comparison of the total amount paid out in wages with the total expenditure for contract work. While the total wages paid in the United States in 1909 amounted to \$586,774,000, the total expenditure for contract work amounted to \$28,888,000, which included \$3,798,000 paid to miners compensated by a share of the product, and \$1,035,000 paid to part-time men for taking care of petroleum and natural gas wells. There were 3,261 operators, or 16.4 per cent of the total number in the United States, whose properties were operated exclusively by contract work, as defined above. This form of operation was more or less general with operators of petroleum and natural gas wells, of whom 3,021, or 38.8 per cent, belonged to this class. Next in point of numbers were 104 operators of deep mines of precious metals, or 6.5 per cent of all operators engaged in

that industry, who employed contract labor exclusively. In all other industries combined this class included only 136 operators, or 1.3 per cent of the total.

**Number of persons employed, by months.**—Table 14 shows the number of wage earners reported for the 15th of each month in producing enterprises in all mining industries combined and in coal mining separately, the latter industry, as already noted, including nearly 70 per cent of all wage earners in producing enterprises.

Table 14

WAGE EARNERS IN PRODUCING ENTERPRISES: 1909

MONTH.	All mining industries.		Coal.		All other mining industries.	
	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.
January.....	940,119	91.9	691,244	94.8	248,875	80.7
February.....	936,418	91.5	686,322	94.1	250,096	81.2
March.....	943,493	92.2	679,791	93.2	263,702	85.5
April.....	928,563	90.8	649,870	89.1	278,693	90.4
May.....	937,002	91.6	646,502	88.7	290,410	94.2
June.....	949,615	92.8	652,804	89.5	296,721	95.2
July.....	961,949	94.0	659,434	90.4	302,506	98.1
August.....	971,263	95.0	667,146	91.5	304,117	98.6
September.....	993,075	97.1	685,234	94.0	307,841	99.8
October.....	1,013,326	99.1	704,939	96.7	308,387	100.0
November.....	1,022,885	100.0	720,341	98.8	302,544	98.1
December.....	1,013,895	99.1	729,273	100.0	284,622	92.3

For all industries combined the largest number of wage earners, 1,022,885, was reported for November and the smallest, 928,563, or 90.8 per cent of the maximum, for April. The figure for April, however, is only slightly below the figures for the three preceding months of the year. From April to November the number increased gradually, but December showed a slight falling off. In coal mining the month of greatest activity was December, and that of least activity was May, when the number employed was equal to 88.7 per cent of the number employed in December. From May to December there was a steady increase in the number of wage earners employed. It should be noted that the figures in this table furnish only a most unsatisfactory indication of the regularity of employment. In the coal-mining industry in particular many mines operate only part of the days each week or each month, and while the number of wage earners on the rolls on the 15th of the month (which is more often reported than the number actually drawing pay) may be substantially the same from month to month, yet the average number of days each miner works during the year may be much less than the possible number of working days. In other words, there is a good deal of unemployment so distributed through the year as not to cause much fluctuation in the monthly returns.

For the principal industries Table 15 shows the month of maximum and of minimum employment, the number reported for each of these months, and the percentage which the minimum represents of the maximum.



Table 15

WAGE EARNERS IN PRODUCING ENTERPRISES: 1909

INDUSTRY	Maximum.		Minimum.		Per cent of maximum.
	Month.	Number.	Month.	Number.	
All industries.....	Nov....	1,022,885	Apr....	928,563	90.8
Coal.....	Dec....	729,273	May....	646,592	88.7
Anthracite.....	Mar....	173,025	Aug....	165,740	95.8
Bituminous.....	Dec....	560,089	May....	478,455	85.4
Petroleum and natural gas.....	Nov....	39,932	Feb....	33,521	83.9
Copper.....	Oct....	53,148	Dec....	50,151	94.4
Iron.....	Oct....	51,055	Jan....	43,491	85.2
Precious metals.....	July....	33,869	Dec....	30,751	90.8
Lead and zinc.....	Dec....	18,374	Jan....	15,330	83.4
Limestone.....	Sept....	37,209	Jan....	17,908	48.1
Granite.....	Sept....	21,899	Jan....	13,732	62.7
Phosphate rock.....	July....	8,114	Oct....	7,610	93.8

The coal industry is divided in this table into its two constituent branches. Anthracite mining shows greater regularity of employment from month to month than bituminous mining. It will be noted that the months of maximum and minimum employment for the two branches do not correspond. For the remaining industries the month of maximum employment is generally in the fall of the year except in the case of the production of precious metals and of phosphate rock, where it is July. The quarrying industries, limestone and granite quarrying, show a wide divergence between the months of maximum and minimum employment, due to the fact that they are surface industries and much affected by weather conditions. For both industries the smallest number of wage earners was reported for January.

**Prevailing hours of labor.**—In Table 16 producing mines and quarries have been classified according to the prevailing hours of labor per day in each enterprise. Petroleum and natural gas wells are not included in this table, because many of them are operated without hired labor, or by men who give to each enterprise only a part of their time. Neither are those enterprises included in which all labor is performed by contractors. The table shows the percentage of the total number of enterprises falling into each group, and a percentage distribution in which each enterprise has been given a weight according to the total number of wage earners employed on December 15, 1909, or the nearest representative day. It should be clearly borne in mind that these latter percentages do not show precisely the proportion of the total number of wage earners working the specified number of hours per day, since in many cases some of the employees work a greater or less number of hours than those generally prevailing in the enterprise. The table shows that about one-half of the enterprises have adopted the 8-hour day, while the other half are operated on a 9-hour or 10-hour basis. There is considerable variation in this respect among the several mining industries. The prevailing hours are 8 or less per shift in more than nine-tenths of the deep gold and silver mines, more

than five-sixths of the copper mines, about three-fourths of the lead and zinc mines, more than two-thirds of the bituminous coal mines, about three-fifths of the placer mines, and slightly less than one-half of the granite quarries. The 9-hour shift is predominant in anthracite coal mines and the 10-hour day in iron mines, limestone quarries, and the phosphate rock industry. In very few mines do the prevailing hours exceed 10 per shift, the only conspicuous exception being the phosphate rock industry, in which 11 or 12 hours per shift constitute the prevailing hours for over one-fourth of the enterprises.

Table 16

INDUSTRY AND HOURS PER DAY.	ENTERPRISES.		Percent distribution of enterprises weighted according to number of wage earners.
	Number.	Per cent.	
All industries.....	12,192	100.0	100.0
8 hours and under.....	5,876	48.2	44.5
9 hours.....	1,822	14.9	26.9
10 hours.....	4,393	36.0	27.5
11 hours.....	31	0.3	0.3
12 hours.....	70	0.6	0.8
Coal, anthracite.....	353	100.0	100.0
8 hours and under.....	13	3.7	1.7
9 hours.....	289	81.9	97.9
10 hours.....	50	14.1	0.4
12 hours.....	1	0.3	( <sup>1</sup> )
Coal, bituminous.....	4,284	100.0	100.0
8 hours and under.....	2,922	68.2	59.5
9 hours.....	554	12.9	13.9
10 hours.....	804	18.8	25.7
12 hours.....	4	0.1	0.9
Copper.....	200	100.0	100.0
8 hours.....	170	85.0	81.8
9 hours.....	17	8.5	12.5
10 hours.....	12	6.0	5.3
12 hours.....	1	0.5	0.3
Iron.....	293	100.0	100.0
8 hours.....	15	5.1	3.9
9 hours.....	19	6.5	3.9
10 hours.....	254	86.7	90.4
11 hours.....	4	1.4	1.5
12 hours.....	1	0.3	0.3
Precious metals, Deep mines.....	1,362	100.0	100.0
8 hours and under.....	1,192	91.6	95.4
9 hours.....	49	3.5	2.7
10 hours.....	45	3.5	1.7
12 hours.....	16	1.2	0.2
Precious metals, Placer mines.....	485	100.0	100.0
8 hours and under.....	288	59.4	69.5
9 hours.....	46	9.5	12.2
10 hours.....	138	28.5	15.0
11 hours.....	4	0.8	1.6
12 hours.....	9	1.9	1.7
Lead and zinc.....	807	100.0	100.0
8 hours and under.....	597	74.0	82.1
9 hours.....	130	16.1	8.0
10 hours.....	70	8.7	9.6
11 hours.....	1	0.1	0.2
12 hours.....	9	1.1	0.1
Limestone.....	1,544	100.0	100.0
8 hours and under.....	120	7.8	3.4
9 hours.....	187	12.1	6.3
10 hours.....	1,231	79.7	88.8
11 hours.....	4	0.3	0.4
12 hours.....	2	0.1	1.1
Granite.....	692	100.0	100.0
8 hours.....	332	48.0	54.6
9 hours.....	171	24.7	18.5
10 hours.....	188	27.2	26.7
11 hours.....	1	0.1	0.2
Phosphate rock.....	69	100.0	100.0
8 hours.....	1	1.4	( <sup>1</sup> )
10 hours.....	50	72.5	67.5
11 hours.....	8	11.6	11.8
12 hours.....	10	14.5	20.7

<sup>1</sup> Less than one-tenth of 1 per cent.



## LAND TENURE.

In mining, as in agriculture, the land is the source from which wealth is drawn, and the control of land is an important factor in mining operations. The Thirteenth Census was the first at which the inquiry into land tenure was extended to all branches of the

mining industry. Table 17 gives, for all mining industries combined and for the nine most important industries separately, statistics of the land controlled, distinguishing the character of the land and also the form of tenure.

Table 17

INDUSTRY.	ACREAGE OF LAND CONTROLLED BY PRODUCING ENTERPRISES: 1909								
	All land.				Mineral and oil land.			Timber land.	Other land.
	Total.	Owned.	Held under lease.	Percent owned.	Total.	Owned.	Held under lease.		
All industries .....	24,215,611	1 9,389,121	1 14,838,179	38.8	21,414,662	2 6,920,673	2 14,504,964	1,138,901	1,662,048
Coal .....	8,182,749	1 5,952,110	1 2,242,328	.....	6,847,545	2 4,732,556	2 2,125,064	435,216	899,988
Anthracite .....	465,134	1 316,897	1 159,956	68.1	274,359	2 183,144	2 102,190	71,851	118,924
Bituminous .....	7,717,615	5,635,243	2,082,372	73.0	6,573,186	4,549,412	2,023,774	363,365	781,064
Petroleum and natural gas .....	12,694,838	686,268	12,008,570	5.4	12,694,838	686,268	12,008,570	.....	.....
Copper .....	275,598	270,771	4,827	98.2	126,831	122,798	4,033	37,781	90,966
Iron .....	1,313,214	1,064,227	248,987	81.0	387,608	282,661	104,947	456,682	468,924
Precious metals .....	588,263	461,158	127,105	78.4	469,453	397,097	72,358	33,745	85,003
Lead and zinc .....	125,322	102,569	22,753	81.8	103,555	81,418	22,137	10,120	11,647
Limestone .....	128,495	96,084	32,411	74.8	88,152	58,774	29,378	9,176	31,167
Granite .....	51,398	42,960	8,438	83.6	39,548	32,035	7,513	3,266	8,584
Phosphate rock .....	340,697	327,726	12,971	96.2	243,221	230,405	12,816	92,580	4,896

<sup>1</sup> Inclusive of 11,689 acres reported both in acreage owned and acreage held under lease.

<sup>2</sup> Inclusive of 10,975 acres reported both in acreage owned and acreage held under lease.

The total acreage of all land controlled by producing enterprises was 24,216,000 acres. Of course, not all of this area was in actual use, large tracts being held in reserve. The greater part of this land was mineral and oil land, but there were 1,139,000 acres of timber land and 1,662,000 acres of other land. Under these two headings are comprised land which had not been prospected and whose mineral resources were still unknown, as well as some land used for building and other purposes.

In comparing the statistics of land controlled for different industries or different states, it should be noted that the area of land is not necessarily an index of the importance of the holdings, as some land is far more rich in minerals than other land.

Of the total area controlled by operators of mining enterprises in 1909, more than one-half was connected with the petroleum and natural gas industries. Of the remainder, by far the largest part was reported for the coal industry. The holdings of the bituminous mines are far more extensive in comparison with the value of the products of those mines than those of the anthracite mines. The holdings of land by operators of iron mines are also very considerable. Some indication of the amount of reserve land held

in the different industries is afforded by the proportion reported under the description of "Timber land" and "Other land." This proportion is greatest in the iron industry.

Of the total amount of land controlled by mine operators, 38.8 per cent was owned by the operators themselves and the remainder held under lease. The petroleum and natural gas industry, in which most of the land is held under lease, presents a marked contrast to all the other industries shown in the table. Excluding the land controlled in the petroleum and natural gas industry, operators in other mining industries controlled 11,521,000 acres, of which 8,703,000 acres, or 75.5 per cent, were owned by the operators. The two industries showing the widest departure from this proportion are the copper industry, in which the operators owned 98.2 per cent of the land controlled, and the phosphate rock industry, where the proportion of land owned was 96.2 per cent. The proportions owned in the coal industry and its two branches—72.7 per cent for the industry as a whole, 68.1 per cent for the anthracite branch, and 73 per cent for the bituminous branch—fell somewhat below the proportion given above for all mining industries exclusive of the petroleum and natural gas industry.

## FORM OF ORGANIZATION.

Table 18 on the next page has for its purpose the presentation of conditions with respect to the form of organization of producing mining enterprises for all mining industries combined and the nine leading industries separately.

The most important distinction brought out by the table is that between corporate and all other forms of organization. Among 19,915 operators of producing mines, quarries, and wells, 7,041, or 35.4 per cent, were corporations. These incorporated enterprises,



however, employed 90.6 per cent of the wage earners engaged in mining enterprises, and reported 91.4 per cent of the total value of products. Individuals formed 32.1 per cent of the whole number of operators, but they employed only 3.9 per cent of the wage earners and are credited with only 3 per cent of the total value of products. The proportions for firms differ but little from those for individuals, being slightly less in the case of the number of operators and slightly greater in the case of the number of wage earners and the value of products. Moreover, it may be noted that while the average value of products was \$160,832 per operator for corporations, it was only \$9,136 for firms and only \$5,723 for individuals.

Corporations constituted a majority of the operators in the phosphate rock industry (88.2 per cent), the iron industry (73.3 per cent), the copper industry (67.4 per cent), and the coal industry (52.6 per cent). In the copper industry corporations employed 99 per cent of the total number of wage earners. Other industries where a very large percentage of the wage earners were employed by corporations are iron mining (98.1 per cent), the phosphate rock industry (95.8 per cent), and coal mining (93.6 per cent). More than 90 per cent of the total value of products in the mining industry as a whole was credited to corporations. The largest percentages for the individual industries were as follows: The iron industry, 99.6 per cent; the copper industry, 99.1 per cent; the phosphate rock industry, 96.4 per cent; the coal-mining industry, 94.4 per cent; and the precious metal industries, 92.2 per cent. The two quarrying industries—the limestone and granite industries—are the only ones shown in the table in which as much as 25 per cent of the total value of products is credited to other than corporate enterprises.

Table 18

INDUSTRY AND FORM OF ORGANIZATION.	PRODUCING ENTERPRISES: 1909				PER CENT OF TOTAL.		
	Number of operators.	Number of wage earners.	Value of products.		Number of operators.	Wage earners.	Value of products.
			Total.	Per operator.			
<b>All industries.....</b>	<b>19,915</b>	<b>1,065,283</b>	<b>\$1,238,410,322</b>	<b>\$62,185</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	6,387	41,908	26,551,114	5,723	32.1	3.9	3.0
Firm.....	6,262	50,777	57,209,620	9,136	31.4	4.8	4.7
Corporation.....	7,041	965,483	1,132,418,758	160,832	35.4	90.6	91.4
Other.....	225	7,115	12,230,830	54,359	1.1	0.7	0.9
<b>Coal.....</b>	<b>3,695</b>	<b>743,293</b>	<b>\$77,142,935</b>	<b>\$56,193</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	1,058	17,475	10,490,068	9,915	28.6	2.4	1.8
Firm.....	664	24,099	17,111,132	25,770	18.0	3.3	3.0
Corporation.....	1,942	695,985	544,885,641	280,585	52.6	93.6	94.4
Other.....	31	5,134	4,606,094	150,197	0.8	0.7	0.8
<b>Petroleum and natural gas.....</b>	<b>7,793</b>	<b>39,831</b>	<b>\$85,416,684</b>	<b>\$23,793</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	2,298	2,020	9,662,086	4,204	29.5	5.1	5.2
Firm.....	3,360	3,085	18,954,985	5,641	43.1	7.7	10.2
Corporation.....	1,966	32,636	149,358,498	75,971	25.2	81.9	80.6
Other.....	169	2,090	7,441,115	44,030	2.2	5.3	4.0
<b>Copper.....</b>	<b>151</b>	<b>53,143</b>	<b>\$34,616,867</b>	<b>\$86,130</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	26	168	163,908	6,304	16.3	0.3	0.1
Firm.....	26	344	1,038,831	39,955	16.3	0.7	0.8
Corporation.....	109	52,631	133,414,248	1,223,984	67.4	99.0	99.1
<b>Iron.....</b>	<b>176</b>	<b>52,230</b>	<b>\$106,947,082</b>	<b>\$607,654</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	23	481	222,946	9,693	13.1	0.9	0.2
Firm.....	24	536	201,411	8,392	13.6	1.0	0.2
Corporation.....	129	51,213	106,522,725	825,757	73.3	98.1	99.6
<b>Precious metals.....</b>	<b>2,282</b>	<b>37,815</b>	<b>\$4,123,180</b>	<b>\$42,146</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	622	2,591	3,228,424	5,190	27.3	6.9	3.4
Firm.....	674	2,783	3,997,463	5,931	29.5	7.4	4.2
Corporation.....	976	32,232	86,750,458	88,884	42.8	85.2	92.2
Other.....	10	209	146,835	14,684	0.4	0.5	0.2
<b>Lead and zinc.....</b>	<b>977</b>	<b>21,603</b>	<b>\$1,363,094</b>	<b>\$32,101</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	89	779	824,504	9,264	9.1	3.6	2.6
Firm.....	522	2,926	3,601,589	6,899	53.4	13.5	11.5
Corporation.....	366	17,898	26,937,001	73,598	37.5	82.9	85.9
<b>Limestone.....</b>	<b>1,665</b>	<b>37,695</b>	<b>\$2,832,492</b>	<b>\$17,917</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	911	7,781	4,181,655	4,590	54.7	20.7	14.0
Firm.....	295	5,178	3,486,343	11,818	17.7	13.7	11.7
Corporation.....	451	24,551	22,061,746	48,917	27.1	65.1	74.0
Other.....	8	185	102,748	12,844	0.5	0.5	0.3
<b>Granite.....</b>	<b>707</b>	<b>20,561</b>	<b>\$18,997,976</b>	<b>\$26,871</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	323	3,745	3,029,150	9,378	45.7	18.2	16.0
Firm.....	166	3,225	2,967,938	17,879	23.5	15.7	15.6
Corporation.....	215	13,490	12,922,089	60,107	30.4	65.6	68.0
Other.....	3	101	77,849	25,930	0.4	0.5	0.4
<b>Phosphate rock.....</b>	<b>51</b>	<b>8,186</b>	<b>\$10,781,192</b>	<b>\$211,396</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Firm.....	6	346	389,207	64,868	11.8	4.2	3.6
Corporation.....	45	7,840	10,391,985	230,933	88.2	95.8	96.4

## SIZE OF ENTERPRISES.

The tendency toward concentration in the mining industries can be measured by a classification of mine operators according to the number of wage earners employed or according to the value of the products per operator.

**Classification according to number of wage earners.**—Table 19, on the next page, gives, for all mineral industries combined and for the most important individual industries, a classification of producing enterprises according to the number of wage earners employed, and shows for each class the number of operators and the number of wage earners. It does not include those mines and quarries which were worked on contract or for a share of the product, nor does it include the petroleum and gas wells which were cared for by part-time employees.

It is worthy of note that the most numerous type of mine operator is the small producer, about three-fifths of all operators employing only from 1 to 20 men each,

while more than one-tenth of all operators employed no wage earners at all. On the other hand, more than one-half of the total number of mine workers were employed by operators employing more than 500 men each, although such operators constituted only 1.7 per cent of the total number of operators. The degree of concentration varies in different industries. In anthracite coal mining over five-sixths of all wage earners were employed by the 18 largest operators, each of whom employed 1,000 or more men. Copper mining follows next, three-fourths of the wage earners in this industry being employed by the 12 largest operators, with a force of over 1,000 men each. Iron mining holds the third place, with 9 operators of this class employing more than one-half of the wage earners. There is also a large degree of concentration in bituminous coal mining, where 77 operators of this class, constituting 2.2 per cent of the total number, employed nearly one-half of the wage earners.



In the production of petroleum and natural gas the degree of concentration is not as high as in the mining of coal, iron, and copper; the 8 largest operators, however, employed over two-fifths of the wage

earners. On the other hand, in precious metal mining, lead and zinc mining, and stone quarrying, small-scale production is still the predominant type.

Table 19

INDUSTRY AND NUMBER OF WAGE EARNERS <sup>1</sup> PER OPERATOR.	PRODUCING ENTERPRISES: 1909			
	Operators.		Wage earners. <sup>1</sup>	
	Number.	Per cent distribution.	Number.	Per cent distribution.
<b>All industries</b> .....	<b>16,657</b>	<b>100.0</b>	<b>1,065,283</b>	<b>100.0</b>
No wage earners.....	2,187	13.1		
1 to 5.....	6,292	37.8	14,788	1.4
6 to 20.....	3,837	23.0	43,083	4.0
21 to 50.....	1,973	11.8	64,327	6.0
51 to 100.....	983	5.9	71,045	6.7
101 to 500.....	1,105	6.6	242,999	22.8
501 to 1,000.....	155	0.9	110,191	10.3
Over 1,000.....	125	0.8	518,850	48.7
<b>Anthracite coal</b> .....	<b>192</b>	<b>100.0</b>	<b>173,504</b>	<b>100.0</b>
No wage earners.....	7	3.6		
1 to 5.....	39	20.3	102	0.1
6 to 20.....	28	14.6	317	0.2
21 to 50.....	19	9.9	612	0.3
51 to 100.....	19	9.9	1,459	0.8
101 to 500.....	44	22.9	12,082	7.0
501 to 1,000.....	18	9.4	11,857	6.8
Over 1,000.....	18	9.4	147,075	84.8
<b>Bituminous coal</b> .....	<b>3,476</b>	<b>100.0</b>	<b>569,789</b>	<b>100.0</b>
No wage earners.....	23	0.7		
1 to 5.....	600	17.3	2,162	0.4
6 to 20.....	939	27.0	10,183	1.8
21 to 50.....	575	16.5	18,988	3.3
51 to 100.....	466	13.4	33,820	5.9
101 to 500.....	683	19.9	156,523	27.5
501 to 1,000.....	103	3.0	73,517	12.9
Over 1,000.....	77	2.2	274,596	48.2
<b>Petroleum and natural gas</b> .....	<b>4,772</b>	<b>100.0</b>	<b>39,831</b>	<b>100.0</b>
No wage earners.....	1,324	27.7		
1 to 5.....	2,749	57.6	4,875	12.2
6 to 20.....	519	10.9	5,313	13.3
21 to 50.....	104	2.2	3,144	7.9
51 to 100.....	40	0.8	2,823	7.1
101 to 500.....	28	0.6	5,687	14.3
Over 500.....	8	0.2	17,989	45.2
<b>Copper</b> .....	<b>158</b>	<b>100.0</b>	<b>53,143</b>	<b>100.0</b>
No wage earners.....	8	5.1		
1 to 5.....	48	30.4	144	0.3
6 to 20.....	30	19.0	360	0.7
21 to 50.....	17	10.8	579	1.1
51 to 100.....	16	10.1	1,248	2.3
101 to 500.....	19	12.0	4,998	9.4
501 to 1,000.....	8	5.1	5,508	10.4
Over 1,000.....	12	7.6	40,306	75.8

<sup>1</sup> Based on number reported for Dec. 15, 1909, or nearest representative day.

A marked distinction with respect to the degree of concentration exists between regular producing mines, quarries, and wells, on the one hand, and nonproducing properties on the other. The latter includes for the most part enterprises which are still in the development stage, as well as others which have had a product in the past but whose present operations are confined to the maintenance of the property, or to development work with a view to resuming production.

About two-thirds of all the wage earners engaged in nonproducing mining properties were employed by operators employing not exceeding 20 wage earners each. The largest enterprises in this class were represented by 12 operators employing from 101 to 500 wage earners each. On the other hand, more than one-half of all wage earners engaged in producing mines were employed by operators with a working force of 500 men or over.

INDUSTRY AND NUMBER OF WAGE EARNERS <sup>1</sup> PER OPERATOR.	PRODUCING ENTERPRISES: 1909			
	Operators.		Wage earners. <sup>1</sup>	
	Number.	Per cent distribution.	Number.	Per cent distribution.
<b>Iron</b> .....	<b>173</b>	<b>100.0</b>	<b>52,230</b>	<b>100.0</b>
No wage earners.....	4	2.3		
1 to 5.....	12	6.9	39	0.1
6 to 20.....	30	17.4	374	0.7
21 to 50.....	36	20.8	1,227	2.4
51 to 100.....	24	13.9	1,742	3.3
101 to 500.....	49	28.3	11,399	21.8
501 to 1,000.....	9	5.2	7,132	13.7
Over 1,000.....	9	5.2	30,317	58.0
<b>Precious metals</b> .....	<b>2,169</b>	<b>100.0</b>	<b>37,815</b>	<b>100.0</b>
No wage earners.....	378	17.4		
1 to 5.....	913	42.1	2,330	6.2
6 to 20.....	527	24.3	5,802	15.3
21 to 50.....	203	9.4	6,648	17.6
Over 50.....	148	6.8	23,035	60.9
<b>Lead and zinc</b> .....	<b>950</b>	<b>100.0</b>	<b>21,603</b>	<b>100.0</b>
No wage earners.....	133	14.0		
1 to 5.....	293	30.9	814	3.8
6 to 20.....	289	30.4	3,500	16.2
21 to 50.....	184	19.4	5,910	27.4
51 to 100.....	39	4.1	2,691	12.4
101 to 500.....	5	0.5	825	3.8
501 to 1,000.....	4	0.4	3,346	15.5
Over 1,000.....	3	0.3	4,517	20.9
<b>Limestone</b> .....	<b>1,642</b>	<b>100.0</b>	<b>37,695</b>	<b>100.0</b>
No wage earners.....	96	5.9		
1 to 5.....	565	34.4	1,453	3.8
6 to 20.....	526	32.0	6,168	16.4
21 to 50.....	282	17.2	9,201	24.4
51 to 100.....	104	6.3	7,432	19.7
Over 100.....	69	4.2	13,441	35.7
<b>Granite</b> .....	<b>704</b>	<b>100.0</b>	<b>20,561</b>	<b>100.0</b>
No wage earners.....	10	1.4		
1 to 5.....	199	28.3	638	3.1
6 to 20.....	265	37.6	3,069	14.9
21 to 50.....	132	18.8	4,367	21.3
51 to 100.....	53	7.5	3,330	18.6
Over 100.....	45	6.4	8,557	42.1
<b>Phosphate rock</b> .....	<b>51</b>	<b>100.0</b>	<b>8,186</b>	<b>100.0</b>
1 to 5 wage earners.....	2	3.9	17	0.2
6 to 20.....	11	21.6	179	2.2
21 to 50.....	11	21.6	463	5.7
51 to 100.....	6	11.8	1,024	12.5
Over 100.....	21	41.2	6,503	79.4

Table 20 shows the distribution of operators according to the number of wage earners for producing and nonproducing properties separately.

WAGE EARNERS <sup>1</sup> PER OPERATOR.	PRODUCING ENTERPRISES.				NONPRODUCING ENTERPRISES.			
	Operators.		Wage earners. <sup>1</sup>		Operators.		Wage earners. <sup>1</sup>	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
<b>Total</b> .....	<b>16,657</b>	<b>100.0</b>	<b>1,065,283</b>	<b>100.0</b>	<b>3,395</b>	<b>100.0</b>	<b>21,499</b>	<b>100.0</b>
No wage earners.....	2,187	13.1			196	5.8		
1 to 5.....	6,292	37.8	14,788	1.4	2,253	66.4	6,207	28.9
6 to 20.....	3,837	23.0	43,083	4.0	779	23.0	7,659	35.6
21 to 50.....	1,973	11.8	64,327	6.0	127	3.7	3,751	17.5
51 to 100.....	983	5.9	71,045	6.7	28	0.8	1,961	9.1
101 to 500.....	1,105	6.6	242,999	22.8	12	0.3	1,921	8.9
501 to 1,000.....	155	0.9	110,191	10.3				
Over 1,000.....	125	0.8	518,850	48.7				

<sup>1</sup> Based on number reported for Dec. 15, 1909, or nearest representative day.



Classification according to value of products.—Table 21 gives, for all mining industries and for the most important industries separately, a classifica-

tion of the operators according to value of products per operator, and shows, for each class, the number of operators and the total value of products.

Table 21	PRODUCING ENTERPRISES: 1909				PRODUCING ENTERPRISES: 1909				
INDUSTRY AND VALUE OF PRODUCTS PER OPERATOR.	Operators.		Value of products.		INDUSTRY AND VALUE OF PRODUCTS PER OPERATOR.	Operators.		Value of products.	
	Number.	Percent distribution.	Amount.	Percent distribution.		Number.	Percent distribution.	Amount.	Percent distribution.
All industries.....	19,915	100.0	\$1,238,410,322	100.0	Iron.....	176	100.0	106,947,082	100.0
Less than \$5,000.....	11,384	57.2	18,518,939	1.5	Less than \$5,000.....	42	23.9	54,063	0.1
\$5,000 to \$20,000.....	4,276	21.5	43,997,158	3.6	\$5,000 to \$20,000.....	34	19.3	363,050	0.3
\$20,000 to \$100,000.....	2,840	14.3	128,369,227	10.4	\$20,000 to \$100,000.....	47	26.7	2,416,815	2.3
\$100,000 to \$1,000,000.....	1,251	6.3	335,247,982	27.1	\$100,000 to \$1,000,000.....	38	21.6	14,023,823	13.1
\$1,000,000 and over.....	164	0.8	712,277,016	57.5	\$1,000,000 and over.....	15	8.5	90,089,331	84.2
Coal.....	3,695	100.0	577,142,935	100.0	Precious metals.....	2,282	100.0	94,123,180	100.0
Less than \$5,000.....	1,175	31.8	2,921,829	0.6	Less than \$5,000.....	1,571	68.8	1,775,238	1.9
\$5,000 to \$20,000.....	919	24.9	9,557,288	1.6	\$5,000 to \$20,000.....	347	15.2	3,599,027	3.8
\$20,000 to \$100,000.....	885	23.9	44,005,093	7.6	\$20,000 to \$100,000.....	208	9.1	9,226,301	9.8
\$100,000 to \$1,000,000.....	631	17.1	172,161,675	29.8	\$100,000 to \$1,000,000.....	140	6.2	38,704,156	41.1
\$1,000,000 and over.....	85	2.3	348,496,450	60.4	\$1,000,000 and over.....	16	0.7	40,818,458	43.4
Anthracite coal.....	192	100.0	149,180,471	100.0	Lead and zinc.....	977	100.0	31,363,094	100.0
Less than \$5,000.....	59	30.7	95,226	0.1	Less than \$5,000.....	531	54.4	901,363	2.9
\$5,000 to \$20,000.....	24	12.5	288,261	0.2	\$5,000 to \$20,000.....	231	23.6	2,407,108	7.7
\$20,000 to \$100,000.....	38	19.8	2,153,644	1.4	\$20,000 to \$100,000.....	173	17.7	7,776,942	24.8
\$100,000 to \$1,000,000.....	54	28.1	21,020,422	14.1	\$100,000 to \$1,000,000.....	38	3.9	7,339,203	23.4
\$1,000,000 and over.....	17	8.9	125,622,918	84.2	\$1,000,000 and over.....	4	0.4	12,938,478	41.2
Bituminous coal.....	3,503	100.0	427,962,464	100.0	Limestone.....	1,665	100.0	29,832,492	100.0
Less than \$5,000.....	1,116	31.9	2,826,003	0.6	Less than \$5,000.....	940	56.5	1,370,469	4.6
\$5,000 to \$20,000.....	895	25.5	9,299,027	2.2	\$5,000 to \$20,000.....	401	24.1	4,177,822	14.0
\$20,000 to \$100,000.....	847	24.2	41,832,049	9.8	\$20,000 to \$100,000.....	270	16.2	12,318,129	41.3
\$100,000 to \$1,000,000.....	577	16.5	151,141,253	35.3	\$100,000 to \$1,000,000.....	54	3.2	11,966,072	40.1
\$1,000,000 and over.....	68	1.9	222,873,532	52.1	Granite.....	707	100.0	18,997,976	100.0
Petroleum and natural gas.....	7,793	100.0	185,416,684	100.0	Less than \$5,000.....	276	39.0	885,023	3.1
Less than \$5,000.....	5,446	69.9	8,890,708	4.8	\$5,000 to \$20,000.....	235	33.2	2,590,945	13.6
\$5,000 to \$20,000.....	1,506	19.3	14,812,243	8.0	\$20,000 to \$100,000.....	149	21.1	6,415,992	33.8
\$20,000 to \$100,000.....	638	8.2	26,924,025	14.5	\$100,000 to \$1,000,000.....	47	6.7	9,406,016	49.5
\$100,000 to \$1,000,000.....	184	2.4	49,198,036	26.5	Phosphate rock.....	51	100.0	10,781,192	100.0
\$1,000,000 and over.....	19	0.2	85,591,672	46.2	Less than \$5,000.....	9	17.6	21,132	0.2
Copper.....	161	100.0	134,616,987	100.0	\$5,000 to \$20,000.....	11	21.6	106,680	1.0
Less than \$5,000.....	68	42.2	83,082	0.1	\$20,000 to \$100,000.....	8	15.7	445,855	4.1
\$5,000 to \$20,000.....	32	20.0	337,175	0.2	\$100,000 and over.....	23	45.1	10,207,525	94.7
\$20,000 to \$100,000.....	18	11.2	725,467	0.5					
\$100,000 to \$1,000,000.....	22	13.7	8,708,533	6.5					
\$1,000,000 and over.....	21	13.0	124,762,730	92.7					

The relative importance of small-scale and large-scale production in mining can be seen from the fact that the 11,384 operators reporting products valued at less than \$5,000, though they constituted 57.2 per cent of the total number of operators, reported only 1.5 per cent of the total value of products, while the 164 operators reporting products valued at more than \$1,000,000, though they formed less than 1 per cent of the whole number of operators, reported 57.5 per cent of the total value of products. The degree of concentration varies in the different industries, operators

reporting products of more than \$1,000,000 in value contributing 92.7 per cent, as measured by value, of the copper product, 84.2 per cent of the iron ore, 84.2 per cent of the anthracite coal, 52.1 per cent of the bituminous coal, 46.2 per cent of the petroleum and natural gas, 43.4 per cent of the precious metals, and 41.2 per cent of the lead and zinc. In the phosphate rock industry which reported a total value of products of \$10,781,192 there was one operator whose products were valued at more than \$1,000,000. The other mining industries do not show so high a degree of concentration.

## EXPENSES.

The census does not purport to furnish figures which can be used for determining profits or exact cost of production.

Table 22 shows, however, for 1909, in percentages, the distribution of expenses in producing enterprises by classes for all mining industries combined and for the most important industries separately. This table shows that for all industries combined 61.4 per cent of the total expenses were incurred for services—that is, salaries and wages—23.8 per cent for supplies, materials, and fuel, 6.1 per cent for royalties and rent of mines, and 8.7 per cent for all other purposes.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED FOR PRODUCING ENTERPRISES. <sup>1</sup>				
	Salaries.	Wages.	Supplies, materials, and fuel.	Royalties and rent of mines.	Miscellaneous.
<b>All industries.</b>	5.1	56.3	23.8	6.1	8.7
<b>Coal:</b>					
Anthracite.	3.2	66.3	19.2	5.7	5.6
Bituminous.	5.5	74.3	12.1	3.1	5.0
Petroleum and natural gas.	5.3	20.0	37.8	15.7	21.2
Copper.	3.4	45.9	44.2	1.7	4.8
Iron.	4.6	40.1	23.3	20.5	11.5
Precious metals.	5.6	44.4	37.7	1.7	10.6
Lead and zinc.	4.1	43.2	37.6	9.4	5.7
Limestone.	7.2	59.0	22.0	2.0	9.7
Granite.	6.6	68.6	16.6	1.2	7.0
Phosphate rock.	8.0	43.3	30.4	4.7	13.6

<sup>1</sup> For absolute figures on which these percentages are based, see Table 28, p. 562.



As would be expected, the proportions vary considerably in the different industries. The largest percentage for services (79.8) is shown for the bituminous branch of the coal-mining industry, the smallest percentage (25.3) being reported for the petroleum and natural gas industry. The proportion for supplies, materials, and fuel varies from 44.2 per cent for the

copper industry to 12.1 per cent for bituminous coal mining; the proportion for royalties and rent of mines, from 20.5 per cent for iron mining to 1.2 per cent for granite quarrying; and the proportion for miscellaneous expenses, from 21.2 per cent for the petroleum and natural gas industry to 4.8 per cent for the copper industry.

### POWER.

Table 23 shows, for all mining industries and for the most important industries separately, the number of engines or other motors, according to their character, employed in generating power (including electric

motors operated by purchased current), and their total horsepower. It also shows separately the number and horsepower of electric motors which were run by current generated by the same establishment.

Table 23

INDUSTRY.		PRODUCING ENTERPRISES: 1909										
		Primary power.								Electric motors run by current generated by same establishment.		
		Aggregate horsepower.	Total horsepower.	Owned.		Electric motors operated by rented current.						
				Steam engines.	Gas or gasoline engines.	Water wheels.						
			Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
All industries .....	4,408,253	4,402,554	70,573	3,786,552	23,296	518,542	908	97,460	4,770	205,699	14,203	493,721
Coal.....	1,904,154	1,877,450	19,318	1,874,001	374	3,101	9	348	872	26,704	10,869	375,386
Anthracite.....	676,753	675,343	7,580	674,571	25	772	.....	.....	32	1,410	1,152	46,088
Bituminous.....	1,227,401	1,202,107	11,738	1,199,430	349	2,329	9	345	840	25,294	9,717	329,298
Petroleum and natural gas.....	1,221,969	1,221,809	36,928	746,658	21,762	475,151	.....	.....	6	160	454	8,589
Copper.....	376,464	324,178	699	303,848	71	2,325	15	18,005	819	52,286	536	25,888
Iron.....	346,534	342,069	3,563	326,753	27	2,651	30	12,665	55	4,465	326	13,295
Precious metals.....	228,244	144,502	1,074	84,953	429	9,696	704	49,853	2,142	83,742	574	16,054
Lead and zinc.....	110,559	107,276	2,158	94,220	214	12,987	3	69	59	3,283	361	12,048
Limestone.....	125,024	115,573	2,166	112,390	119	2,911	9	272	206	9,451	170	5,291
Granite.....	61,095	54,213	1,346	52,549	65	1,142	6	522	159	6,882	57	1,346
Phosphate rock.....	50,526	50,426	549	46,817	32	3,609	.....	.....	1	100	339	21,388

Of the total primary power used in mining, 4,402 554 horsepower, or 95.5 per cent, was owned by the mine operators, only 205,699 horsepower, all of which was electric power, being rented. The total amount of electric power used, including that generated at the mines, aggregated 699,420 horsepower. Nearly three-fourths of the total rented power was reported from the Mountain and Pacific states, where the abundance

of water power and the scarcity of coal makes the transmission of electric power profitable. The ownership of water power by mine operators was insignificant, except in the production of the precious metals, which is mainly confined to the group of states above mentioned. Of the horsepower generated by gas or gasoline engines, 91.6 per cent was utilized in the petroleum and natural gas industry.

### QUANTITY OF MINERALS.

The statistics relating to quantity of minerals were collected in cooperation with the United States Geological Survey, but the results given in Table 24 vary slightly from those published by that bureau. The latter relate in every case to the calendar year 1909, whereas the census data are for the business year of each establishment, to accord with the statistics of persons employed in mining industries as well as with the expenses incurred. Moreover, the figures presented in the table deal with products sold or used by the mine operators, whereas the statistics of the United States Geological Survey in many cases show the quantities actually produced during the calendar year.

For metalliferous, other than iron, mines the United States Geological Survey publishes the quantities of metals recovered by refineries which the ore ultimately reaches, whereas Table 24 relates to the crude products sold by mine operators. Thus the gold content of all domestic ore mined in continental United States, and sold in the crude state, together with the assay content of mill and placer bullion, as given in the table, aggregated 3,876,943 fine ounces, whereas the production of refined gold in continental United States, as estimated by the United States Geological Survey in cooperation with the Director of the Mint, was 3,837,773 ounces; the difference does not exceed 1



per cent of the total production. Likewise, the assay content of all silver ore and mill and placer bullion produced in the United States, as reported by mine operators, was 57,294,492 ounces, whereas the total production of refined bullion in the United States, including Alaska, as estimated by the Director of the Mint and reported by refineries to the Bureau of the Census, aggregated in round figures 54,500,000 fine ounces, the variance being due in greater part to losses in recovery.

No quantities for structural materials are presented in the table below, by reason of the great diversity in the units of measure, depending on quality as well as on the uses for which the stone is intended. The only common measure for the production of building stone is value.

Where the products of a given industry were marketed by some establishments in crude state and by others in dressed or refined state, the figures below are presented as reported by the operators.

Table 24									
PRODUCT.	Unit of measure.	Total.	Crude.	Dressed or refined.	PRODUCT.	Unit of measure.	Total.	Crude.	Dressed or refined.
<b>FUELS:</b>					<b>MISCELLANEOUS:</b>				
Coal, anthracite.....	Tons, 2,000 lbs.	80,968,130			Asbestos.....	Tons, 2,000 lbs.	3,233	2,330	903
Coal, bituminous.....	Tons, 2,000 lbs.	376,863,510			Barytes.....	Tons, 2,000 lbs.	48,984	42,979	6,005
Petroleum.....	Barrels	171,557,485	171,557,485		Bauxite.....	Tons, 2,000 lbs.	142,341	136,641	7,700
Natural gas.....	M cubic feet	430,956,466			Clay.....	Tons, 2,000 lbs.	2,159,647	2,159,647	
Peat.....	Tons, 2,000 lbs.	15,671	1,254	14,417	Corundum and emery.....	Tons, 2,000 lbs.	1,580	628	952
<b>METALS:<sup>1</sup></b>					Feldspar.....	Tons, 2,000 lbs.	76,539	31,057	45,502
Iron.....	Tons, 2,240 lbs.	50,521,208	50,521,208		Fluorspar.....	Tons, 2,000 lbs.	48,750	46,319	2,431
Gold, total <sup>2</sup> .....	Fine ounces.....	4,860,871			Fullers' earth.....	Tons, 2,000 lbs.	43,169	19,861	23,308
Continental U. S. ....	Fine ounces.....	3,876,943			Garnet.....	Tons, 2,000 lbs.	2,932	90	2,842
Alaska.....	Fine ounces.....	983,928			Graphite.....	Tons, 2,000 lbs.	16,222	13,248	2,974
Silver.....	Fine ounces.....	57,294,492			Gypsum.....	Tons, 2,000 lbs.	1,845,000	346,069	1,498,931
Copper, total.....	Pounds.....	1,089,800,000			Mica:				
Lake <sup>3</sup> .....	Pounds.....	234,137,051			Sheet.....	Pounds.....	1,809,582	1,809,582	
Western <sup>4</sup> .....	Pounds.....	855,662,949	855,662,949	234,137,051	Scrap.....	Tons, 2,000 lbs.	4,000		4,000
Lead:					Monazite and zircon.....	Tons, 2,000 lbs.	268		268
Argentiferous <sup>5</sup> .....	Pounds.....	434,880,257	434,880,257		Phosphate rock.....	Tons, 2,240 lbs.	2,330,623	2,330,623	
Nonargentiferous.....	Tons, 2,000 lbs. <sup>6</sup>	249,935	249,935		Pumice.....	Tons, 2,000 lbs.	15,103	15,103	
Zinc:					Pyrite.....	Tons, 2,240 lbs.	247,070	247,070	
Argentiferous <sup>5</sup> .....	Pounds.....	98,882,379	98,882,379		Quartz.....	Tons, 2,000 lbs.	117,578	106,248	11,330
Nonargentiferous.....	Tons, 2,000 lbs. <sup>6</sup>	818,821	818,821		Sulphur.....	Tons, 2,000 lbs.	268,029	268,029	
Quicksilver.....	Pounds net.....	1,563,675		1,563,675	Talc and soapstone.....	Tons, 2,000 lbs.	120,837	30,808	89,939
Manganese.....	Tons, 2,240 lbs.	1,544	1,544						
Tungsten.....	Tons, 2,000 lbs.	1,619	1,619						

<sup>1</sup> See explanation in the text.

<sup>2</sup> Assay content of mill bullion and ore shipped.

<sup>3</sup> Metallic copper.

<sup>4</sup> Assay content of ore.

<sup>5</sup> Concentrate.

# PRODUCING MINES, QUARRIES, AND WELLS<sup>1</sup>—COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909 AND 1902.

Table 25		PRINCIPAL EXPENSES OF OPERATION AND DEVELOPMENT.					PER CENT OF INCREASE.					
GEOGRAPHIC DIVISION AND STATE.		Census.	Salaries and wages.	Supplies, materials, and fuel. <sup>2</sup>	Royalties and rent of mines.	Contract work.	Value of products. <sup>3</sup>	Primary horse-power.	Salaries and wages.	Royalties and rent of mines.	Value of products.	Horse-power.
United States <sup>4</sup> .....		1909	\$625,610,068	\$268,771,046	\$62,456,760	\$24,091,986	\$1,175,475,001	4,556,170	55.9	81.2	52.4	71.0
		1902	401,225,547	114,515,832	34,476,227	20,638,127	771,486,926	2,663,944				
GEOGRAPHIC DIVISIONS:												
New England.....		1909	11,093,136	3,903,951	190,947	120,440	19,312,271	60,120	5.8	6.8	16.3	37.7
		1902	10,484,388	2,638,713	178,812	1,853	16,608,096	43,670				
Middle Atlantic.....		1909	212,534,186	54,917,283	15,928,491	6,048,025	353,775,070	1,748,375	66.2	42.3	47.2	46.7
		1902	127,847,369	31,582,205	11,190,610	5,959,507	240,365,682	1,191,487				
East North Central.....		1909	129,342,721	34,944,431	12,338,469	5,882,397	233,002,528	919,427	44.9	36.7	34.8	50.8
		1902	89,261,566	25,966,245	9,024,556	4,959,358	172,894,450	609,641				
West North Central.....		1909	55,134,454	21,116,725	14,720,084	2,709,833	129,023,910	371,548	62.2	158.6	78.6	208.5
		1902	33,998,614	9,936,373	5,691,636	770,773	72,257,703	120,421				
South Atlantic.....		1909	53,154,421	18,226,801	8,638,145	4,665,497	102,375,877	532,824	66.5	90.1	47.9	81.9
		1902	31,916,461	11,496,991	4,544,772	5,374,382	69,202,161	292,981				
East South Central.....		1909	31,848,088	6,843,506	1,374,027	970,571	46,394,009	180,503	41.2	79.5	33.2	210.6
		1902	22,559,863	3,941,987	765,974	661,402	34,820,772	58,122				
West South Central.....		1909	9,221,489	4,368,820	1,608,985	303,062	22,400,222	55,199	85.3	348.7	127.2	152.4
		1902	4,976,130	1,216,670	358,555	1,491,266	9,857,364	21,873				
Mountain.....		1909	82,758,040	26,741,950	1,880,957	728,712	170,306,955	390,398	45.1	18.0	51.7	80.9
		1902	57,029,455	20,390,291	1,593,738	770,931	112,270,912	220,774				
Pacific.....		1909	28,627,961	21,956,212	2,973,092	523,657	71,076,741	184,172	57.9	270.2	96.9	116.2
		1902	18,128,437	6,557,854	803,039	570,016	36,092,355	85,203				

<sup>1</sup> Exclusive of governmental institutions, and of the coke and cement industries, but including figures for the lime industry.

<sup>2</sup> Exclusive of duplications resulting from the use of products of some enterprises as materials for others within the same industry.

<sup>3</sup> Embraces Oklahoma, Rhode Island, and South Carolina for both years and the District of Columbia for 1909. These states are not shown separately nor are they included in the totals for their respective geographic divisions, because to do so would disclose individual operations.

<sup>4</sup> Exclusive of the amount paid to miners compensated by a share of the product for both years, and also of the wages of part-time employees for the petroleum and natural gas industries for 1909, which are included under "Contract work" in other tables for 1909.



## ABSTRACT OF THE CENSUS—MINING.

PRODUCING MINES, QUARRIES, AND WELLS<sup>1</sup>—COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES  
1909 AND 1902—Continued.

Table 25—Continued.		PRINCIPAL EXPENSES OF OPERATION AND DEVELOPMENT.						Value of products. <sup>1</sup>	Primary horse-power.	PER CENT OF INCREASE. <sup>3</sup>			
GEOGRAPHIC DIVISION AND STATE.		Census.	Salaries and wages.	Supplies, materials, and fuel. <sup>2</sup>	Royalties and rent of mines.	Contract work.	Salaries and wages.			Royalties and rent of mines.	Value of products.	Horse-power.	
NEW ENGLAND:													
Maine.....	1909		\$1,696,617	\$1,032,965	\$22,279	\$14,448	\$3,270,766	8,345	-31.5	75.2	-10.5	20.3	
	1902		2,478,603	476,964	12,714		3,656,134	6,939					
New Hampshire.....	1909		979,840	155,358	4,271	9,246	1,308,597	3,771	11.9	80.1	11.2	44.1	
	1902		875,465	134,128	2,372		1,176,312	2,617					
Vermont.....	1909		4,899,736	1,386,827	85,632	64,988	8,471,725	25,916	40.4	-15.7	43.5	73.0	
	1902		3,490,476	1,076,143	101,546		5,904,705	14,979					
Massachusetts.....	1909		2,516,534	854,090	58,589	18,637	4,332,218	15,620	-8.1	32.2	-3.7	39.8	
	1902		2,739,230	727,065	44,325	1,853	4,499,401	11,170					
Connecticut.....	1909		1,000,409	474,711	20,176	13,121	1,928,965	6,468	11.1	13.0	40.6	-18.8	
	1902		900,614	223,813	17,855		1,372,144	7,965					
MIDDLE ATLANTIC:													
New York.....	1909		5,693,286	2,647,861	468,646	374,435	13,849,494	102,540	26.0	31.0	43.0	60.3	
	1902		4,517,851	1,627,489	357,637	350,663	9,682,457	63,953					
New Jersey.....	1909		3,155,929	1,067,226	101,523	40,799	8,548,858	18,390	38.6	-7.8	111.5	41.4	
	1902		2,277,652	892,030	110,163	10,770	4,042,047	13,008					
Pennsylvania.....	1909		203,684,971	51,202,196	15,358,322	5,632,791	331,376,718	1,627,445	68.3	43.2	46.2	46.0	
	1902		121,051,866	29,062,686	10,722,810	5,598,074	226,641,178	1,114,526					
EAST NORTH CENTRAL:													
Ohio.....	1909		30,226,878	8,850,679	3,668,862	2,745,089	59,931,837	298,635	18.6	-12.4	6.4	46.1	
	1902		25,479,977	9,836,370	4,190,544	2,692,557	56,340,184	204,341					
Indiana.....	1909		16,092,359	2,557,423	595,475	265,259	22,324,647	95,929	36.1	-67.1	-17.0	-20.4	
	1902		11,819,897	3,389,898	1,807,948	2,159,980	26,896,393	120,511					
Illinois.....	1909		49,838,660	9,973,037	3,579,960	2,360,424	77,214,343	226,124	74.6	654.5	106.6	155.5	
	1902		28,539,154	3,315,552	474,475	26,016	37,377,226	88,500					
Michigan.....	1909		29,344,947	11,898,749	4,048,981	472,605	64,956,299	271,891	37.9	75.2	35.3	47.5	
	1902		21,277,047	8,637,172	2,311,479	77,047	48,022,962	184,278					
Wisconsin.....	1909		3,839,877	1,664,543	445,191	39,020	8,575,402	26,848	79.0	85.4	101.4	123.5	
	1902		2,145,491	787,253	240,110	3,758	4,257,685	12,011					
WEST NORTH CENTRAL:													
Minnesota.....	1909		13,592,568	8,904,544	10,732,309	2,157,108	58,975,781	152,153	97.4	191.7	130.2	434.0	
	1902		6,887,017	2,839,332	3,678,964	339,244	25,620,677	28,492					
Iowa.....	1909		11,461,923	1,561,553	349,470	40,791	13,979,453	23,528	57.5	58.3	44.7	60.4	
	1902		7,279,272	861,414	220,698	48,106	9,659,330	14,673					
Missouri.....	1909		15,667,995	7,071,069	1,955,492	135,384	30,378,747	109,971	56.9	39.8	49.8	137.1	
	1902		9,989,027	2,856,858	1,398,827	172,514	20,279,481	46,384					
North Dakota.....	1909		426,910	108,187	10,647	1,325	564,812	2,025	24.8	656.7	73.3	141.3	
	1902		231,014	86,467	1,407	2,795	325,967	839					
South Dakota.....	1909		3,446,944	1,496,495	4,776	50	6,415,788	15,648	-4.1	-45.3	-4.2	27.6	
	1902		3,593,242	1,962,937	8,736	406	6,097,797	12,265					
Nebraska.....	1909		186,582	57,493	1,551	5,494	322,517	815	79.5	88.4	117.3	175.3	
	1902		103,936	11,173	823		148,391	296					
Kansas.....	1909		10,351,532	1,917,384	1,665,839	369,681	18,386,812	67,408	75.0	335.8	93.0	285.8	
	1902		5,915,006	1,218,192	382,181	207,708	9,526,960	17,472					
SOUTH ATLANTIC:													
Delaware.....	1909		287,742	178,432	4,392	5,800	516,213	1,480	14.8	-72.9	15.1	6.0	
	1902		250,669	45,361	16,187		448,467	1,396					
Maryland.....	1909		3,816,561	714,571	136,772	11,148	6,164,122	19,069	-18.7	-3.4	-13.9	53.7	
	1902		4,096,260	807,796	141,570	8,499	7,162,113	12,400					
Virginia.....	1909		5,501,589	1,855,201	421,863	119,043	8,999,920	35,554	41.9	32.3	43.3	128.8	
	1902		3,876,556	837,287	318,763	35,964	6,280,148	15,539					
West Virginia.....	1909		38,177,028	12,801,051	7,796,597	4,307,288	73,452,935	417,282	91.8	101.2	51.8	73.7	
	1902		19,905,757	8,513,767	3,874,780	5,194,279	48,362,664	240,170					
North Carolina.....	1909		1,005,826	268,315	21,412	3,340	1,402,765	6,225	67.6	7.2	51.7	66.2	
	1902		599,959	118,494	19,971	9,000	924,676	3,746					
Georgia.....	1909		1,495,562	415,841	59,317	1,187	2,924,741	10,848	17.2	41.2	-5.0	15.7	
	1902		1,276,362	556,229	42,008	122,619	3,080,287	9,373					
Florida.....	1909		2,870,113	1,992,490	197,792	217,691	8,915,181	42,375	118.9	50.4	202.8	309.1	
	1902		1,310,898	618,057	131,493	4,021	2,943,806	10,357					
EAST SOUTH CENTRAL:													
Kentucky.....	1909		8,800,326	1,537,544	422,702	165,913	12,100,005	53,480	51.7	170.0	45.7	186.3	
	1902		5,802,221	1,110,291	156,562	219,627	8,304,706	18,682					
Tennessee.....	1909		8,054,131	1,638,019	618,177	43,623	11,803,400	34,376	46.9	49.2	27.4	186.3	
	1902		5,483,714	835,754	414,367	174,496	9,268,074	12,007					
Alabama.....	1909		14,960,631	3,667,943	333,148	767,035	22,491,204	92,647	33.0	70.8	30.4	237.7	
	1902		11,273,928	1,995,942	195,945	267,279	17,247,992	27,433					
WEST SOUTH CENTRAL:													
Arkansas.....	1909		3,325,154	585,357	194,179	111,974	4,764,784	14,217	55.6	375.7	67.8	92.2	
	1902		2,137,007	244,379	40,818	860	2,840,341	7,396					
Louisiana.....	1909		1,199,638	1,586,427	496,198	60,310	6,539,850	8,445	2,737.9	2,038.1	2,241.3	90.2	
	1902		41,977	7,354	23,207	105,858	279,327	4,440					
Texas.....	1909		4,696,677	2,197,036	918,608	130,778	11,095,588	32,537	67.9	211.9	64.7	204.2	
	1902		2,797,146	964,937	294,530	1,384,548	6,737,696	10,037					
MOUNTAIN:													
Idaho.....	1909		4,444,259	2,225,762	27,632	22,665	8,749,650	26,363	-0.8	-1.7	6.5	41.0	
	1902		4,480,194	1,626,153	28,103	43,442	8,214,671	18,703					
Colorado.....	1909		19,959,195	7,273,927	1,017,847	123,828	39,397,859	98,777	-7.2	-4.4	-2.7	19.0	
	1902		21,518,169	6,969,796	1,064,653	393,985	40,508,286	83,039					
All other <sup>4</sup> .....	1909		58,354,586	27,242,261	835,478	582,219	122,159,446	274,258	88.1	66.8	92.2	130.4	
	1902		31,031,092	11,794,342	500,982	333,504	63,547,955	119,032					
PACIFIC:													
Washington.....	1909		6,342,392	1,196,670	141,231	23,849	10,826,503	20,987	56.1	149.7	100.7	76.2	
	1902		4,063,773	615,807	56,558	29,600	5,393,659	11,910					
Oregon.....	1909		854,979	296,489	16,935	3,240	1,237,292	8,070	-30.0	-72.0	-40.7	114.6	
	1902		1,222,178	408,112	60,499	19,522	2,087,389	3,761					
California.....	1909		21,430,590	20,463,053	2,814,926	496,568	59,012,946	155,115	66.9	310.3	106.3	123.1	
	1902		12,842,486	5,533,935	685,982	520,894	28,611,307	69,532					

<sup>1</sup> Exclusive of governmental institutions, and of the coke and cement industries, but including figures for the lime industry.<sup>2</sup> Exclusive of duplications resulting from the use of products of some enterprises as materials for others within the same industry.<sup>3</sup> A minus sign (-) denotes decrease.<sup>4</sup> Includes a small production of bituminous coal for Georgia.<sup>5</sup> Embraces Arizona, Montana, Nevada, New Mexico, Utah, and Wyoming.



## INDUSTRIES AND STATES.

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PRODUCING MINES, QUARRIES, AND WELLS<sup>1</sup>—COMPARATIVE SUMMARY FOR THE UNITED STATES,  
BY INDUSTRIES: 1909 AND 1902.

Table 26

INDUSTRY.	Census.	PRINCIPAL EXPENSES OF OPERATION AND DEVELOPMENT.				Value of products. <sup>2</sup>	Primary horsepower.	PER CENT OF INCREASE. <sup>4</sup>			
		Salaries and wages.	Supplies, materials, and fuel. <sup>3</sup>	Royalties and rent of mines.	Contract work. <sup>3</sup>			Salaries and wages.	Royalties and rent of mines.	Value of products.	Horsepower.
All industries <sup>1</sup> .....	1909	\$625,610,068	\$208,771,046	\$62,456,760	\$24,091,986	\$1,175,475,001	4,556,170	55.9	81.2	52.4	71.0
	1902	401,225,547	114,515,832	34,476,227	20,638,127	771,486,926	2,663,964				
<b>FUELS:</b>											
Coal, total.....	1909	399,697,241	72,043,898	20,016,639	3,893,257	550,513,866	1,904,154	68.3	69.6	50.2	109.4
	1902	237,557,596	37,517,821	11,799,559	1,650,535	366,642,015	909,160				
Anthracite.....	1909	96,900,963	26,697,966	7,980,739	1,701,514	149,180,471	676,753	132.8	83.1	95.8	62.7
	1902	41,623,406	12,740,780	4,359,051	406,421	76,173,586	416,012				
Bituminous.....	1909	302,796,278	45,345,932	12,035,900	2,191,743	401,333,395	1,227,401	54.5	61.8	38.2	148.9
	1902	195,934,190	24,777,041	7,440,508	1,244,114	290,468,429	493,148				
Petroleum and natural gas.....	1909	34,333,531	41,391,608	21,282,820	15,700,864	175,527,807	1,221,969	63.8	85.7	72.0	21.1
	1902	20,962,116	24,320,573	11,463,786	17,389,696	102,034,590	1,008,710				
<b>METALS:</b>											
Iron.....	1909	33,121,418	17,229,717	15,174,735	2,698,842	106,947,082	346,534	40.1	133.3	63.4	233.3
	1902	23,641,599	8,973,168	6,503,908	422,044	65,460,985	103,974				
Copper.....	1909	45,060,017	23,104,451	259,245	406,999	99,493,799	297,769	96.6	99.1	94.4	54.1
	1902	22,919,861	11,083,175	130,215	188,768	51,178,036	193,272				
Precious metals, total.....	1909	37,766,098	22,075,916	1,305,701	318,303	87,671,553	228,244	-8.2	-8.3	6.3	23.5
	1902	41,154,265	16,099,768	1,423,399	636,090	82,482,032	181,819				
Deep mines.....	1909	34,665,751	19,205,870	1,163,985	225,147	77,434,301	200,966	-11.1	-8.9	0.4	15.5
	1902	39,011,089	15,908,782	1,277,632	606,137	77,154,326	173,961				
Placer mines.....	1909	3,100,347	2,870,046	141,716	93,156	10,237,252	27,278	44.7	-2.8	92.2	151.2
	1902	2,143,176	790,986	145,767	19,953	5,327,726	10,838				
Lead and zinc.....	1909	11,190,925	6,895,892	2,301,850	166,985	28,568,547	109,544	117.1	50.9	95.7	178.2
	1902	5,155,598	2,511,657	1,525,368	108,607	14,600,177	39,374				
Quicksilver.....	1909	486,125	185,378	5,268	4,197	868,458	784	-53.1	-25.6	-44.0	-55.1
	1902	1,035,494	322,267	7,078	23,164	1,550,090	1,748				
Manganese.....	1909	17,088	3,959			20,435	175	-79.7		-88.5	-50.6
	1902	84,319	17,228	1,996		177,911	354				
Tungsten.....	1909	211,486	94,203	1,375	2,400	563,457	486	16,684.6		9,330.2	120.9
	1902	1,260	210			5,975	220				
<b>STRUCTURAL MATERIALS:</b>											
Limestone.....	1909	22,860,012	11,992,659	549,096	254,312	47,784,479	152,651	38.6	29.9	57.8	141.6
	1902	16,496,501	5,378,932	422,693	36,381	30,278,877	63,182				
Granite and traprock.....	1909	15,067,785	3,976,162	476,850	123,808	24,576,293	90,306	23.8	144.7	36.2	94.5
	1902	12,168,784	2,447,761	194,892		18,042,943	46,441				
Sandstone.....	1909	5,352,818	1,389,149	184,513	44,340	9,290,829	36,556	-23.7	-24.4	-15.2	32.6
	1902	7,011,437	1,328,466	204,517	600	10,954,634	27,575				
Marble.....	1909	3,462,130	806,016	47,911	27,344	6,239,120	21,779	35.6	-26.7	23.7	53.8
	1902	2,553,661	825,822	65,385		5,044,182	14,161				
Slate.....	1909	4,494,132	849,158	271,252	28,962	6,054,174	29,777	28.0	0.7	6.3	17.8
	1902	3,512,338	680,361	269,267		5,696,051	25,299				
<b>MISCELLANEOUS:</b>											
Asbestos.....	1909	41,329	23,520	45	400	65,140	380	279.9		41.0	261.9
	1902	10,878	8,233			46,200	105				
Asphaltum and bituminous rock.....	1909	173,106	79,757	1,517	15,546	466,461	828	35.4	-46.9	97.0	15.0
	1902	127,803	21,928	2,856	10,060	236,728	720				
Barytes.....	1909	110,493	28,224	14,232	3,576	224,766	262	-24.0	-47.9	10.6	138.2
	1902	145,444	7,772	27,300	1,000	203,154	110				
Bauxite.....	1909	230,759	55,289	6,909		670,829	1,565	148.1	230.6	423.2	150.8
	1902	92,993	40,019	2,090	500	128,206	624				
Buhrstones and millstones.....	1909	16,850	508	271		34,441		-61.9	-57.4	-42.4	
	1902	44,244	1,809	636		59,808					
Clay.....	1909	1,586,509	389,342	85,403	44,318	2,945,948	8,868	43.0	43.8	42.9	122.5
	1902	1,109,397	272,823	59,387	13,241	2,061,072	3,985				
Corundum and emery.....	1909	4,719	260	708		18,183		-87.8	-35.1	-82.6	
	1902	38,831	26,114	1,091		104,605	110				
Feldspar.....	1909	135,356	56,744	9,238	8,681	271,437	993	6.1	-12.7	8.4	-17.5
	1902	127,539	50,278	10,584		250,424	1,204				
Fluorspar.....	1909	193,118	59,109	1,917	949	288,509	1,179	40.6	-75.7	4.7	76.2
	1902	137,313	31,374	7,900	300	275,682	669				
Fuller's earth.....	1909	156,979	83,807	582	67	315,762	1,739	258.6		221.7	278.0
	1902	43,775	28,966		4,021	98,144	460				
Garnet.....	1909	44,654	25,286	6,850		101,920	315	-35.1	410.8	-23.3	-25.0
	1902	68,810	10,128	1,341		132,820	420				
Graphite.....	1909	186,083	105,523	5,765	4,000	344,139	2,647	94.5	1,008.7	51.3	244.2
	1902	95,653	51,840	520	900	227,508	769				
Grindstones and pulpstones.....	1909	174,268	114,032	3,348	25,597	413,296	1,648	54.7	67.1	-38.1	33.4
	1902	112,640	31,349	2,003		667,431	1,235				
Gypsum.....	1909	2,372,766	1,560,117	74,916	16,558	5,812,810	17,685	123.9	50.1	178.2	141.6
	1902	1,059,678	341,760	49,912	406	2,089,341	7,319				
Infusorial earth, tripoli, and pumice....	1909	67,102	23,619	3,587	2,430	172,157	581	279.2	241.6	207.5	41.7
	1902	17,698	2,297	1,050		55,994	410				
Marl.....	1909	13,512	2,988			13,307	105	96.7		4.4	110.0
	1902	6,869	2,755			12,741	50				
Mica.....	1909	139,188	22,769	5,684		206,794	463	142.1	80.9	74.0	150.3
	1902	57,487	11,961	3,142		118,849	185				
Mineral pigments.....	1909	60,856	22,485	3,469	15,288	151,015	849	-61.9	-74.0	-58.2	-52.6
	1902	159,680	58,073	13,326		360,885	1,790				
Oilstones, scythestones, and whetstones.	1909	74,967	11,558	1,061	6,622	206,028	448	74.0	123.4	80.8	132.1
	1902	43,077	7,662	475		113,968	193				
Phosphate rock.....	1909	3,806,651	2,259,025	345,568	251,849	10,781,192	50,526	66.0	62.7	119.0	257.2
	1902	2,285,297	799,414	212,350	157,402	4,922,943	14,144				
Precious stones.....	1909	134,841	31,461			315,464	109	15.5		-4.0	-27.3
	1902	116,704	17,781	437		328,450	150				
Quartz.....	1909	94,774	29,526	2,959	16,351	221,025	1,219	16.4	-61.3	23.3	60.4
	1902	81,406	19,592	7,638		187,294	760				
Sulphur and pyrite.....	1909	898,208	1,180,447	887	3,091	5,109,050	8,872	100.2	-87.4	439.4	49.5
	1902	448,760	217,262	7,048	3,587	947,089	5,935				
Talc and soapstone.....	1909	607,128	262,393	31,287	3,550	1,174,516	9,433	77.1	-0.2	3.2	139.1
	1902	342,796	125,932	31,364		1,138,167	3,945				

<sup>1</sup> Exclusive of governmental institutions and of the coke and cement industries, but including figures for the lime industry.<sup>2</sup> Exclusive of duplications resulting from the use of the products of some enterprises as materials for others within the same industry.<sup>3</sup> Exclusive of the amount paid to miners compensated by a share of the product for both years, and also of the wages of part-time employees for the petroleum and natural gas industry for 1909, which are included under "Contract work" in other tables for 1909.<sup>4</sup> A minus sign (-) denotes decrease.<sup>5</sup> The totals for all industries include, besides those specified, a few industries which could not be separately shown without disclosing the operations of individual operators. The value of products of these industries was less than 0.1 per cent of the total for all industries in 1909 and 0.3 per cent in 1902.



## ABSTRACT OF THE CENSUS—MINING.

## PRODUCING MINES, QUARRIES, AND WELLS—CAPITAL, EXPENSES, VALUE OF PRODUCTS, PERSONS ENGAGED

Table 27	DIVISION AND STATE.	Number of operators.	Number of mines and quarries.	Number of wells.	Capital.	EXPENSES OF OPERATION AND DEVELOPMENT.						
						Total.	Services.			Supplies, materials, and fuel.		
							Salaried officers of corporations, superintendents, and managers.	Clerks and other salaried employees.	Wage earners.	Supplies and materials.	Purchased ore and natural gas (duplication in product).	Fuel and rent of power.
1	United States.....	19,915	18,164	166,320	\$3,380,825,841	\$1,042,642,693	\$32,823,748	\$20,569,803	\$586,774,079	\$173,411,438	\$29,318,316	\$45,136,550
2	GEOGRAPHIC DIVISIONS:											
3	New England.....	510	586	.....	27,950,080	14,696,118	603,790	203,492	9,814,166	1,847,736	.....	753,714
4	Middle Atlantic.....	6,333	3,903	71,122	919,992,103	315,473,663	8,066,471	5,961,915	204,992,523	47,736,970	3,164,839	7,327,080
5	East North Central.....	4,152	2,662	56,579	469,041,901	200,211,992	5,986,494	3,434,660	118,672,711	28,179,361	5,656,650	7,399,712
6	West North Central.....	2,300	2,603	3,450	321,737,330	101,600,234	2,670,135	1,789,303	50,566,348	15,605,588	1,919,554	5,180,889
7	South Atlantic.....	1,358	1,652	15,446	341,053,471	96,151,345	3,463,174	2,267,740	49,886,136	14,722,485	893,664	3,418,805
8	East South Central.....	830	1,109	1,110	145,688,421	46,133,257	2,217,967	1,413,822	29,443,806	5,386,232	170,135	1,912,689
9	West South Central.....	1,229	452	14,700	110,680,029	40,200,158	1,647,442	802,375	15,671,675	7,922,941	173,100	1,505,758
10	Mountain.....	1,972	3,728	97	709,074,649	166,585,458	4,863,504	3,004,691	82,081,073	32,190,652	14,577,714	14,569,296
11	Pacific.....	1,538	1,610	4,316	275,819,077	61,589,468	2,481,872	956,406	25,645,641	19,819,473	2,762,660	3,118,087
12	NEW ENGLAND:											
13	Maine.....	97	102	.....	3,825,931	1,876,341	87,779	31,847	1,332,242	219,579	.....	84,683
14	New Hampshire.....	45	53	.....	1,546,503	1,204,966	45,619	7,869	926,352	100,931	.....	54,427
15	Vermont.....	137	182	.....	13,992,096	6,795,268	227,650	142,587	4,449,315	905,157	.....	362,458
16	Massachusetts.....	139	147	.....	5,054,093	2,987,175	153,683	59,675	1,966,997	363,698	.....	153,258
17	Rhode Island.....	21	27	.....	567,015	673,877	29,948	27,941	409,883	130,947	.....	26,991
18	Connecticut.....	71	75	.....	2,964,442	1,158,491	59,111	23,573	729,377	127,424	.....	71,917
19	MIDDLE ATLANTIC:											
20	New York.....	1,351	752	11,342	45,171,232	9,987,768	495,776	212,089	4,717,595	1,886,937	65,656	585,161
21	New Jersey.....	131	151	.....	8,613,663	4,507,940	183,690	79,491	2,801,066	674,962	.....	319,329
22	Pennsylvania.....	4,851	3,000	59,780	866,207,208	300,977,955	7,387,005	5,670,335	197,473,862	45,175,071	3,099,183	6,423,190
23	EAST NORTH CENTRAL:											
24	Ohio.....	1,876	964	35,067	161,324,529	53,852,530	1,749,762	1,025,222	26,760,229	7,360,280	5,376,075	892,671
25	Indiana.....	1,010	480	10,373	59,764,947	20,312,752	736,347	365,174	14,782,488	1,823,904	22,595	551,821
26	Illinois.....	915	739	10,918	116,959,707	68,718,121	2,058,102	1,054,553	46,378,727	8,472,837	101,980	1,325,889
27	Michigan.....	83	173	21	119,331,987	51,819,838	1,255,559	917,963	27,660,908	9,800,415	.....	4,193,347
28	Wisconsin.....	298	286	.....	11,660,731	5,508,751	186,724	71,748	3,081,359	721,925	156,000	435,993
29	WEST NORTH CENTRAL:											
30	Minnesota.....	153	250	.....	176,950,369	38,574,180	694,277	874,463	11,907,049	6,736,806	.....	2,024,606
31	Iowa.....	373	431	.....	8,481,483	13,694,714	320,951	220,024	10,870,446	1,307,919	.....	221,740
32	Missouri.....	1,021	1,224	39	60,549,081	27,515,101	963,190	281,730	14,393,570	4,730,342	1,471,553	2,220,657
33	North Dakota.....	53	53	6	1,008,649	570,140	34,372	28,217	364,321	95,352	.....	12,835
34	South Dakota.....	39	43	3	32,697,991	5,154,263	113,109	94,028	3,224,675	1,054,552	55,139	421,048
35	Nebraska.....	18	20	.....	222,428	290,049	12,900	3,745	169,937	35,474	.....	22,019
36	Kansas.....	643	582	3,402	41,797,329	15,831,787	401,336	287,096	9,636,350	1,645,163	392,862	267,964
37	SOUTH ATLANTIC:											
38	Delaware.....	9	9	.....	959,078	508,937	61,900	8,115	217,727	152,054	.....	26,378
39	Maryland.....	126	173	.....	25,169,678	5,006,157	196,609	131,838	3,339,682	478,555	.....	104,156
40	Virginia.....	150	244	.....	55,992,693	8,803,954	357,255	255,366	5,229,787	1,173,866	.....	484,527
41	West Virginia.....	798	718	15,146	219,466,909	71,347,631	2,197,617	1,631,267	35,980,736	11,647,711	893,664	1,212,825
42	North Carolina.....	118	130	.....	5,985,112	1,416,075	81,646	41,396	862,762	152,714	.....	103,319
43	South Carolina.....	29	32	.....	1,209,390	1,034,823	55,065	27,175	626,429	124,618	.....	117,899
44	Georgia.....	92	109	.....	11,475,710	2,064,236	146,888	43,018	1,278,159	254,021	.....	146,666
45	Florida.....	36	96	.....	20,794,901	5,900,532	366,194	129,565	2,350,854	738,946	.....	1,223,035
46	EAST SOUTH CENTRAL:											
47	Kentucky.....	437	442	1,109	26,786,640	11,721,722	667,739	297,409	7,827,514	1,322,406	.....	218,489
48	Tennessee.....	216	365	1	33,819,977	11,969,257	609,021	379,267	7,358,583	1,571,612	41,959	645,376
49	Alabama.....	177	302	.....	85,081,804	22,442,278	941,207	737,146	14,257,709	2,492,214	128,176	1,048,824
50	WEST SOUTH CENTRAL:											
51	Arkansas.....	96	146	62	7,200,417	4,309,211	162,502	75,965	3,026,140	368,207	.....	138,987
52	Louisiana.....	33	2	246	13,207,232	6,641,555	148,386	178,645	872,627	859,456	7,200	726,971
53	Oklahoma.....	864	212	12,113	70,696,411	21,071,609	972,829	369,728	7,775,413	4,897,176	130,587	354,186
54	Texas.....	236	92	2,279	19,575,969	8,177,783	363,725	178,037	3,997,495	1,798,102	35,313	255,614
55	MOUNTAIN:											
56	Montana.....	373	543	.....	145,135,510	46,520,545	718,596	694,427	21,361,406	9,837,503	6,559,820	3,628,050
57	Idaho.....	174	370	.....	48,892,888	7,198,763	269,251	88,627	4,045,547	1,847,458	.....	356,199
58	Wyoming.....	66	95	21	9,505,365	9,053,467	255,635	191,772	6,266,787	1,385,594	.....	376,187
59	Colorado.....	672	1,575	76	144,639,558	38,630,288	1,441,869	671,071	18,463,296	5,459,666	4,930,144	1,955,984
60	New Mexico.....	98	285	.....	40,125,674	5,533,423	234,187	210,947	3,529,356	805,487	.....	203,083
61	Arizona.....	135	251	.....	119,772,781	28,608,216	577,885	440,295	13,502,760	5,559,367	1,370,391	5,603,989
62	Utah.....	188	235	.....	81,000,043	16,606,028	755,233	442,294	8,986,851	3,920,414	106,910	1,074,119
63	Nevada.....	266	374	.....	120,002,830	14,415,728	610,848	265,208	5,925,070	3,375,163	1,610,449	1,311,625
64	PACIFIC:											
65	Washington.....	93	170	.....	13,074,691	7,800,722	213,198	131,468	5,891,007	843,025	.....	245,832
66	Oregon.....	116	161	.....	9,166,834	1,228,468	91,387	33,446	705,192	186,796	.....	96,592
67	California.....	1,329	1,279	4,316	253,577,552	52,565,278	2,177,287	791,492	19,049,442	18,789,652	2,762,660	2,775,643

<sup>1</sup> Exclusive of duplications, 307 operators having reported in two or more states. Such duplications have not been excluded in the totals for the several geographic divisions.

<sup>2</sup> Includes \$59,668,780 which could not be distributed among the several states.

<sup>3</sup> In some cases the same operator conducted enterprises in two or more states, all such enterprises being managed through one central administrative office. In such cases it was impossible to assign the corporate officers and the central office force to any particular state; this was also the case in respect to contract work and taxes, which were reported in a lump sum for all properties. The total central office expenses were accordingly apportioned among the several states pro rata to the total expenses reported for each state and the estimated amounts of such administrative expenses were added to "Sundry expenses." In the totals for the United States, however, the number of officers and salaried employees, as well as their salaries, and the amount of contract work and taxes, appear under the proper heads. The amounts thus included in the item of "Sundry expenses" for individual states and distributed in the totals for the United States are as follows: Officers, \$922,899; clerks, \$645,399; taxes, \$142,240; and contract work, \$61,801.



## INDUSTRIES AND STATES.

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IN MINING INDUSTRIES, LAND CONTROLLED, AND POWER, FOR THE UNITED STATES, BY STATES: 1909.

EXPENSES OF OPERATION AND DEVELOPMENT—contd.				PERSONS ENGAGED IN MINING INDUSTRIES.									Land controlled (acres).	Primary horse-power.
Miscellaneous.				Value of products.	Aggregate.	Proprietors and officials.			Clerks and other salaried employees.	Wage earners Dec. 15, or nearest representative day.				
Royalties and rent of mines.	Taxes.	Contract work.	Rent of offices and other sundry expenses.			Total.	Proprietors and firm members.	Salaried officers of corporations, superintendents, and managers.						
1	\$63,973,585	\$17,796,763	\$28,887,898	\$43,950,513	\$1,238,410,322	\$1,139,332	49,374	29,922	\$19,452	\$24,675	1,065,283	24,215,611	4,608,253	
2	185,637	154,826	110,705	932,052	17,327,242	19,590	938	515	423	398	18,254	67,575	61,259	
3	15,945,607	5,920,809	6,533,563	9,823,286	370,742,262	427,091	16,325	11,520	4,805	7,829	402,937	5,874,701	1,738,613	
4	12,335,880	3,332,106	6,154,644	9,059,774	237,534,170	229,255	11,301	7,451	3,850	4,294	213,660	4,139,440	915,857	
5	14,718,304	3,280,168	2,762,943	3,197,022	130,232,538	95,637	5,230	3,547	1,683	1,949	88,458	1,425,461	370,390	
6	8,639,760	1,307,777	4,862,717	6,089,087	105,714,462	124,512	3,509	1,350	2,159	2,997	118,006	6,503,321	536,648	
7	1,373,504	376,047	1,006,660	2,832,395	49,143,289	75,004	2,184	501	1,683	1,964	70,856	2,368,739	179,630	
8	4,391,962	456,134	2,469,045	5,159,726	47,530,937	31,387	2,156	1,056	1,100	979	28,252	1,844,933	149,602	
9	3,410,506	2,143,200	4,308,511	5,497,371	205,053,900	99,711	4,158	2,023	2,135	2,481	93,072	1,022,459	467,184	
10	2,972,425	683,456	617,309	2,532,139	75,111,522	36,171	3,263	1,939	1,304	1,120	31,788	968,982	191,000	
11	16,302	16,241	6,728	80,940	2,056,063	2,686	168	98	70	47	2,471	11,655	8,141	
12	4,271	5,251	9,246	51,000	1,308,597	1,610	75	42	33	15	1,520	7,979	3,771	
13	84,332	72,147	64,098	486,944	8,221,323	8,901	311	160	151	202	8,388	35,327	25,608	
14	55,409	40,187	16,272	177,996	3,467,888	3,805	222	121	101	75	3,508	8,077	15,031	
15	8,552	3,343		36,272	897,606	737	37	18	19	23	677	659	2,350	
16	16,771	17,657	13,761	98,900	1,375,765	1,851	125	76	49	36	1,690	3,878	6,298	
17	465,454	173,989	513,042	872,069	13,334,975	14,230	2,641	2,294	347	286	11,303	495,579	101,759	
18	101,026	47,354	44,489	256,533	8,347,501	7,176	227	96	131	148	6,801	26,809	18,048	
19	15,379,127	5,699,466	5,976,032	8,094,684	349,039,786	405,685	13,457	9,130	4,327	7,395	384,833	5,352,313	1,618,806	
20	3,667,382	856,766	2,970,544	3,184,599	63,767,112	62,874	4,333	3,064	1,269	1,356	57,185	2,135,777	294,763	
21	595,274	176,369	295,982	962,798	21,934,201	31,292	3,259	2,628	631	474	27,559	522,176	95,039	
22	3,579,472	287,460	2,376,956	3,082,154	76,658,974	86,389	2,643	1,425	1,218	1,310	82,436	990,389	225,330	
23	4,048,606	1,948,755	470,205	1,524,079	67,714,479	42,133	680	118	562	1,056	40,397	452,602	273,861	
24	445,146	62,755	40,957	306,144	7,439,404	6,567	386	216	170	98	6,083	38,496	24,864	
25	10,731,959	2,824,161	2,157,108	623,751	58,664,852	19,596	547	169	378	935	18,114	337,792	151,834	
26	349,440	43,574	40,836	319,784	13,877,781	19,904	668	423	245	226	19,010	81,458	23,453	
27	1,954,092	158,086	162,084	1,149,797	31,667,325	32,462	2,450	1,783	667	336	29,676	339,677	109,672	
28	10,647	4,300	1,325	18,771	564,812	960	79	51	28	21	860	34,695	2,025	
29	4,776	102,063	50	84,843	6,432,417	3,987	75	31	44	46	3,866	31,933	15,648	
30	1,551	414	5,393	8,416	322,517	527	28	16	12	8	491	1,038	815	
31	1,665,839	147,570	395,947	991,660	18,722,634	18,201	1,383	1,074	309	377	16,441	595,868	66,943	
32	4,392	1,624	5,800	30,947	516,213	671	30	9	21	13	628	642	1,480	
33	133,786	88,559	8,303	524,669	5,782,045	8,201	279	101	178	177	7,745	109,419	18,118	
34	418,353	150,074	119,028	675,698	8,795,646	17,596	329	80	243	374	16,893	294,416	34,630	
35	7,796,172	965,443	4,465,926	4,556,270	76,287,889	82,808	2,236	909	1,327	2,168	78,494	5,569,353	416,282	
36	20,212	7,565	37,386	109,075	1,358,617	3,094	231	165	66	38	2,825	75,296	6,062	
37	10,336	10,783	6,680	55,838	1,252,792	2,079	45	13	32	20	2,014	47,899	7,012	
38	58,717	13,236	1,903	121,628	2,874,565	4,267	185	58	128	67	4,014	136,129	10,698	
39	197,792	70,493	217,691	614,962	8,846,665	5,796	173	9	164	140	5,483	270,167	42,366	
40	422,579	96,122	184,903	684,561	12,100,075	23,393	870	338	532	490	22,033	710,696	53,203	
41	617,097	94,575	54,372	597,395	12,692,547	18,968	482	57	395	458	18,028	807,131	34,523	
42	333,828	185,350	767,385	1,550,439	24,350,667	32,643	832	76	756	1,016	30,795	850,972	91,924	
43	193,990	18,084	117,195	208,141	4,603,845	6,739	215	75	140	102	6,422	110,526	14,080	
44	496,198	67,501	62,440	3,222,131	6,547,050	1,163	131	72	59	79	953	102,251	8,445	
45	2,783,975	308,216	2,137,314	1,312,185	25,637,892	15,842	1,349	648	701	573	13,920	1,211,893	95,074	
46	917,799	62,333	152,096	417,269	10,742,150	7,643	461	261	200	225	6,957	420,263	32,003	
47	1,822,875	453,386	394,499	1,049,933	54,991,961	21,791	769	504	265	519	20,503	119,642	174,389	
48	27,632	158,145	23,036	382,868	8,649,342	3,940	284	169	115	64	3,592	48,920	26,278	
49	107,834	61,409	61,542	346,707	10,572,188	8,983	306	202	104	178	8,499	85,550	30,338	
50	1,017,447	542,972	2,996,083	1,151,756	45,680,135	26,783	1,411	647	764	603	24,769	213,875	98,777	
51	78,995	40,410	132,535	318,423	5,587,744	6,112	210	86	124	220	5,682	397,174	16,042	
52	8,256	431,829	238,952	874,462	34,217,651	14,104	301	100	201	352	13,451	44,217	47,272	
53	71,911	211,920	265,066	771,310	22,083,282	11,735	390	192	288	341	11,004	74,650	47,226	
54	275,556	243,129	196,768	601,912	23,271,597	6,263	457	213	274	204	5,572	38,431	26,862	
55	141,231	93,593	14,462	226,886	10,537,556	7,653	162	48	114	148	7,343	107,989	20,742	
56	16,935	12,917	7,717	72,486	1,191,512	1,299	174	112	62	38	1,087	33,708	8,070	
57	2,814,259	576,946	595,130	2,232,767	63,382,454	27,219	2,927	1,799	1,128	934	23,358	827,285	162,238	

\* The following numbers of persons, which could not be distributed by states, are included under the proper headings in the United States totals: Aggregate, 974; salaried officers of corporations, superintendents, and managers, 310; and clerks, 664.



## ABSTRACT OF THE CENSUS—MINING.

PRODUCING MINES, QUARRIES, AND WELLS—LAND CONTROLLED, CAPITAL, EXPENSES, VALUE OF PRODUCTS,

Table 28					EXPENSES OF OPERATION AND DEVELOPMENT.						
INDUSTRY.	Number of operators.	Number of mines, quarries, and wells.	Land controlled (acres).	Capital.	Total.	Services.			Supplies, materials, and fuel.		
						Salaried officers of corporations, superintendents, and managers.	Clerks and other salaried employees.	Wage earners.	Supplies and materials.	Purchased ore and natural gas (duplication in product).	Fuel and rent of power.
1 All industries (U. S.)	19,915	.....	24,215,611	\$3,380,525,841	\$1,042,642,493	\$32,823,748	\$20,569,803	\$586,774,079	\$173,411,438	\$29,318,316	\$45,136,550
2 FUELS:											
3 Coal, anthracite	192	423	465,134	246,928,078	139,324,467	2,317,223	2,266,081	92,317,659	23,504,740	.....	3,193,226
4 Coal, bituminous	3,503	6,013	7,717,615	1,062,197,083	395,907,026	12,724,418	9,076,477	294,196,488	40,064,899	433,801	7,509,947
5 Petroleum and natural gas	7,793	106,320	12,694,838	683,268,497	135,638,644	4,848,224	2,393,657	27,091,650	39,947,013	9,888,877	1,444,395
6 Peat	10	10	1,629	318,024	96,034	17,178	3,018	40,313	6,490	.....	17,974
7 METALS:											
8 Iron	176	483	1,313,214	300,735,917	74,071,830	1,749,989	1,639,973	29,731,456	12,597,428	.....	4,632,289
9 Copper	161	368	275,598	301,896,296	107,679,212	1,928,167	1,785,861	49,382,979	23,718,373	10,596,964	13,324,157
10 Precious metals—											
11 Deep mines	1,604	2,845	374,685	443,715,258	68,764,602	2,816,906	980,474	30,868,371	14,100,617	6,451,627	5,105,253
12 Placer mines	678	880	213,578	56,840,870	6,810,482	359,376	71,397	2,669,574	2,194,444	.....	675,602
13 Lead and zinc	977	1,142	125,322	62,627,935	24,453,299	896,722	195,844	10,477,657	4,836,023	1,947,047	2,400,724
14 Quicksilver	12	12	22,837	2,718,812	718,861	63,441	15,140	407,544	130,847	.....	54,531
15 Manganese	3	8	3,457	960,000	21,725	4,620	.....	11,988	3,461	.....	498
16 Tungsten	22	116	7,624	1,468,428	365,780	29,901	3,240	178,345	85,555	.....	8,648
17 STRUCTURAL MATERIALS:	3,988	4,603	341,695	132,641,780	63,641,585	2,642,297	1,504,442	39,661,871	8,800,184	.....	3,482,054
18 Limestone	1,665	1,916	128,495	44,089,476	23,875,507	1,227,758	490,238	14,082,185	3,754,125	.....	1,507,628
19 Granite	707	826	51,398	25,422,307	16,192,138	741,171	328,361	11,112,195	1,921,912	.....	757,078
20 Sandstone	595	677	65,580	15,758,455	6,626,438	398,383	132,086	3,993,340	909,955	.....	319,961
21 Marble	77	108	43,445	20,272,755	4,842,835	281,018	102,089	3,079,023	544,327	.....	261,689
22 Slate	185	219	19,897	12,177,350	5,831,256	306,899	98,580	4,088,653	521,761	.....	327,397
23 Traprock	196	220	18,085	8,745,553	5,090,538	244,777	102,317	2,538,964	1,018,090	.....	279,082
24 Bluestone	563	637	14,795	1,299,789	1,182,873	53,052	8,446	767,511	130,014	.....	29,219
25 MISCELLANEOUS:											
26 Asbestos	5	20	3,045	88,000	72,747	7,940	2,200	31,189	23,120	.....	400
27 Asphaltum and bituminous rock	12	19	7,137	2,557,273	301,673	39,809	4,320	128,977	66,159	.....	13,598
28 Barytes	23	42	14,079	472,751	176,967	13,623	6,560	90,310	21,756	.....	6,468
29 Bauxite	10	10	14,214	3,023,414	316,221	24,878	7,608	198,273	21,665	.....	33,624
30 Buhrstones and millstones	14	14	506	9,685	18,354	225	.....	16,625	483	.....	25
31 Clay	261	336	59,053	6,780,077	2,289,198	180,863	44,024	1,361,622	280,953	.....	108,389
32 Corundum and emery	4	6	1,553	316,909	7,459	1,044	.....	3,675	260	.....	.....
33 Feldspar	22	28	3,556	505,769	238,896	25,367	3,336	106,653	40,852	.....	15,892
34 Fluorspar	13	15	3,434	195,215	319,426	19,649	5,024	168,445	24,695	.....	24,414
35 Fuller's earth	16	21	6,644	1,362,427	274,776	33,880	4,470	118,629	35,797	.....	48,010
36 Garnet	3	4	5,396	181,858	98,206	3,550	900	40,204	19,491	.....	5,795
37 Graphite	19	20	5,984	1,505,768	328,690	23,588	2,426	160,069	69,601	.....	35,922
38 Grindstones	13	25	2,604	304,324	339,261	20,572	5,373	148,323	99,470	.....	14,562
39 Gypsum	78	222	54,215	10,213,284	4,905,662	288,954	262,935	1,820,877	986,658	.....	573,459
40 Infusorial earth	14	16	2,305	147,900	61,083	4,990	120	27,627	4,432	.....	9,235
41 Magnesite	6	13	2,369	89,016	62,444	5,338	2,105	32,479	6,282	.....	7,556
42 Marl	3	3	2,250	70,146	17,812	2,895	1,030	9,587	1,463	.....	1,525
43 Mica	73	78	12,255	1,261,780	182,828	13,570	960	124,658	10,377	.....	12,392
44 Mineral pigments	23	26	1,337	386,501	115,860	15,082	1,800	43,974	14,710	.....	7,775
45 Monazite and zircon	4	4	50,550	63,000	50,909	3,100	600	5,046	1,750	.....	770
46 Oilstones, scythestones, and whetstones	21	45	3,928	247,478	99,259	4,083	1,000	69,884	4,957	.....	6,601
47 Phosphate rock	51	153	340,697	30,642,656	7,421,430	430,523	160,467	3,215,661	898,657	.....	1,360,368
48 Precious stones	23	27	2,858	701,945	195,908	36,169	2,700	95,972	30,449	.....	1,012
49 Pumice	3	4	320	4,400	6,087	.....	90	4,778	539	.....	.....
50 Pyrite	11	12	9,179	1,717,410	734,355	34,573	20,329	408,419	152,143	.....	71,537
51 Quartz	14	14	1,877	343,883	155,418	10,447	2,679	81,648	17,461	.....	12,065
52 Sulphur	4	4	6,747	5,293,900	4,538,389	64,290	46,059	324,538	248,383	.....	708,384
53 Talc and soapstone	39	46	11,576	8,659,744	1,096,371	71,334	31,678	504,116	196,054	.....	66,339
54 Tripoli	4	7	874	170,800	42,493	6,000	840	22,657	7,407	.....	2,006
55 ALL OTHER INDUSTRIES <sup>1</sup>	10	27	27,843	6,891,550	740,874	38,950	12,086	373,269	125,340	.....	138,929

<sup>1</sup> Includes \$4,876,095 which can not be distributed among the several industries.<sup>2</sup> In some cases the same operator conducted two or more quarries producing different kinds of stone, all quarries being managed through one central administrative office. In such instances it was impossible to assign the corporate officers and the central office force to any particular quarry; this was also the case in respect to taxes, which were reported in a lump sum for all properties. The total central office expenses were accordingly apportioned among the several industries in proportion to the total expenses of each, and the estimated amounts of such administrative expenses were added to "Sundry expenses" for each industry. In the totals for "Structural materials," however, the number of officers and salaried employees, as well as their salaries, and the amount of taxes, appear under the proper heads. The amounts thus included in the item of "Sundry expenses" for individual industries and distributed in the totals for "Structural materials" are as follows: Officers, \$389,239; clerks, \$242,325; and taxes, \$27,767.



# INDUSTRIES AND STATES.

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PERSONS ENGAGED IN MINING INDUSTRIES, AND POWER, FOR THE UNITED STATES, BY INDUSTRIES: 1909.

EXPENSES OF OPERATION AND DEVELOPMENT—continued.								PERSONS ENGAGED IN MINING INDUSTRIES.									
Miscellaneous.				Per cent of total.			Value of products.	Aggregate.	Proprietors and officials.						Primary horse-power.		
Royalties and rent of mines.	Taxes.	Contract work.	Rent of offices and other sundry expenses.	Services.	Supplies.	Miscellaneous.			Total.	Proprietors and firm members.		Salaried officers of corporations, superintendents, and managers.	Clerks and other salaried employees.	Wage earners Dec. 15, or nearest representative day.			
										Total.	Number performing manual labor.						
1	\$63,973,585	\$17,796,763	\$28,887,898	\$43,950,513	61.4	23.8	14.8	\$1,238,410,322	1,139,332	49,374	29,922	8,861	19,452	24,675	1,065,283	4,608,253	
2	7,980,739	2,681,877	1,701,514	3,361,408	69.5	19.2	11.3	149,180,471	178,004	1,315	188	72	1,127	3,183	173,504	676,753	
3	12,082,488	4,481,816	2,209,672	13,127,020	79.8	12.1	8.1	427,962,464	592,677	11,620	3,739	1,713	7,881	11,268	569,789	1,227,401	
4	21,282,820	2,576,986	16,736,510	9,428,312	25.3	37.8	36.9	185,416,684	62,172	19,353	16,213	2,155	3,140	2,988	39,831	1,221,969	
5	800	907	.....	9,354	63.0	25.5	11.5	109,047	203	15	1	.....	14	6	182	1,416	
6	15,174,735	3,970,355	2,698,842	1,876,763	44.7	23.3	32.0	106,947,082	55,176	1,109	76	24	1,033	1,837	52,230	346,534	
7	1,789,656	1,934,158	644,562	2,574,335	49.3	44.2	6.5	134,616,987	55,258	661	79	42	582	1,454	53,143	376,464	
8	1,163,985	1,084,576	3,603,984	2,588,899	50.4	37.3	12.3	83,885,928	37,755	3,359	2,011	951	1,348	780	33,616	200,966	
9	141,716	119,369	99,582	479,422	45.5	42.2	12.3	10,237,252	5,436	1,149	961	673	198	88	4,199	27,278	
10	2,301,850	167,188	197,259	1,032,985	47.3	37.6	15.1	31,363,094	24,397	2,525	1,947	1,171	578	269	21,603	110,559	
11	5,268	6,957	9,878	25,255	67.6	25.8	6.6	868,458	640	27	3	.....	24	15	598	784	
12	.....	678	.....	.....	78.7	18.2	3.1	20,435	65	7	4	1	3	1	57	175	
13	1,375	3,213	40,976	14,527	57.8	25.8	16.4	563,457	227	45	32	20	13	5	177	486	
14	1,439,445	2,496,235	463,590	2,451,467	70.4	19.3	10.3	75,992,908	101,129	2,744	4,106	1,827	2,038	2,035	92,350	303,442	
15	488,919	161,117	201,880	1,961,657	66.2	22.0	11.8	29,832,492	41,029	2,645	1,634	640	1,011	689	37,695	125,024	
16	194,349	113,097	65,744	908,231	75.2	16.6	8.2	18,997,976	22,211	1,248	730	318	518	402	20,561	61,095	
17	97,694	53,075	73,359	648,673	68.3	18.5	13.2	7,702,423	11,025	913	587	215	326	204	9,908	33,487	
18	47,911	70,616	27,344	428,818	71.5	16.6	11.9	6,239,120	6,649	188	49	6	139	148	6,313	21,779	
19	271,252	33,192	28,962	154,560	77.1	14.5	8.4	6,054,174	10,121	499	221	70	278	184	9,438	29,777	
20	282,501	32,301	60,204	532,302	56.7	25.5	17.8	5,578,317	6,748	317	116	22	201	171	6,260	29,211	
21	56,909	5,070	6,097	126,555	70.0	13.5	16.5	1,588,406	3,020	827	769	556	58	18	2,175	3,069	
22	45	846	400	6,607	56.8	32.3	10.9	65,140	88	5	.....	.....	5	4	79	380	
23	1,517	5,694	15,546	26,053	57.4	26.4	16.2	466,461	241	20	.....	.....	20	6	215	828	
24	14,232	1,967	14,346	7,706	62.5	15.9	21.6	224,766	372	35	23	11	12	7	330	262	
25	6,909	3,993	.....	19,271	73.0	17.5	9.5	670,829	726	27	1	.....	26	9	690	1,565	
26	271	28	.....	697	91.8	2.8	5.4	34,441	79	19	18	15	1	.....	60	.....	
27	85,403	25,147	45,068	154,729	69.3	17.0	13.7	2,945,948	4,351	404	244	77	160	76	3,871	8,868	
28	708	11	.....	1,761	63.3	3.5	33.2	18,185	19	2	.....	.....	2	.....	17	.....	
29	9,238	1,473	8,681	27,494	56.7	23.7	19.6	271,437	363	28	11	7	17	10	325	993	
30	1,917	1,012	949	63,321	60.5	18.5	21.0	288,509	376	27	8	4	19	7	342	1,179	
31	582	2,863	67	30,478	57.1	30.5	12.4	315,762	380	27	3	3	24	8	345	1,739	
32	6,850	4,809	.....	16,547	45.5	25.7	28.8	101,920	120	7	5	2	2	1	112	315	
33	5,765	3,401	4,000	23,918	56.6	32.1	11.3	344,130	436	26	2	2	24	6	404	2,647	
34	3,348	2,134	25,597	19,882	51.4	33.6	15.0	413,296	430	16	5	2	11	6	408	1,648	
35	74,916	39,062	16,558	842,243	48.4	31.8	19.8	5,812,810	4,215	163	6	4	157	274	3,778	17,685	
36	735	813	2,430	10,701	53.6	22.4	24.0	75,503	99	23	16	1	7	1	75	316	
37	253	252	.....	8,179	63.9	22.2	13.9	68,463	84	8	3	2	5	2	74	126	
38	.....	247	.....	1,065	75.8	16.8	7.4	13,307	38	7	4	.....	3	2	29	105	
39	5,684	852	6,036	8,299	76.1	12.5	11.4	206,794	608	133	116	63	17	2	473	463	
40	3,469	1,255	20,388	7,407	52.5	19.4	28.1	131,015	246	35	20	2	15	2	209	849	
41	100	303	36,500	2,740	17.2	5.0	77.8	64,472	34	8	6	.....	2	1	25	45	
42	1,061	1,211	6,622	3,840	75.5	11.7	12.8	206,028	232	25	19	9	6	1	206	448	
43	345,568	86,859	251,849	671,478	51.3	30.4	18.3	10,781,192	8,573	214	17	.....	197	173	8,186	50,526	
44	.....	1,746	.....	27,860	68.8	16.1	15.1	315,464	145	33	5	.....	28	5	107	109	
45	190	.....	.....	490	80.0	8.8	11.2	30,097	25	5	5	3	.....	2	18	.....	
46	887	6,145	2,730	37,592	63.1	30.5	6.4	676,984	1,160	22	4	.....	18	27	1,111	5,758	
47	2,959	1,512	16,351	10,296	61.0	19.0	20.0	231,025	268	18	7	.....	11	6	184	1,219	
48	.....	53,606	361	3,092,768	9.6	21.1	69.3	4,432,066	460	13	.....	.....	13	39	408	3,114	
49	31,287	15,501	3,550	116,512	58.6	25.3	16.1	1,174,516	1,452	64	16	2	48	52	1,336	9,433	
50	2,662	713	.....	208	69.4	22.1	8.5	66,557	73	11	4	.....	7	2	60	265	
51	2,152	8,933	500	40,715	57.3	35.7	7.0	778,938	560	20	4	3	16	13	527	3,141	

\* The following numbers of persons, which could not be distributed among the several industries, are included under the proper headings in the totals for building stone: Aggregate, 326; officers of corporations, 107; and clerks, 210.

\* Includes enterprises as follows: Antimony, 1; bismuth, 1; borax, 2; chromite, 2; manganiferous iron, 2; nickel and cobalt, 1; and tin, 1.



**NONPRODUCING MINES, QUARRIES, AND WELLS—PERSONS ENGAGED IN MINING INDUSTRIES, LAND CONTROLLED, POWER, CAPITAL, AND EXPENSES: 1909.**

**Table 29**

INDUSTRY.	Number of operators.	Number of mines, quarries, and wells.	PERSONS ENGAGED IN MINING INDUSTRIES.							Land controlled (acres).	Primary horse-power.	Capital.
			Aggregate.	Proprietors and officials.				Clerks and other salaried employees.	Wage earners Dec. 15, or nearest representative day.			
				Total.	Proprietors and firm members.		Officials.					
					Total.	Number performing manual labor.						
All industries (United States) .....	3,749		27,616	5,494	3,769	1,076	1,725	623	21,499	1,969,067	91,657	\$282,001,223
FUELS:												
Coal, anthracite.....	6	6	327	6			6		321	513	1,945	22,728
Coal, bituminous.....	38	55	765	50	9	5	41	30	685	89,700	2,609	9,402,665
Petroleum and natural gas.....	260	128	1,917	396	207	19	189	70	1,451	1,115,101	8,577	14,166,314
METALS:												
Iron.....	20	21	804	23	5	2	18	28	753	30,420	3,471	4,850,839
Copper.....	13	13	799	39			39	54	706	15,579	4,248	11,073,777
Precious metals:												
Deep mines.....	3,078	8,352	20,453	4,426	3,135	881	1,291	399	15,628	598,832	59,224	233,123,939
Placer mines.....	132	192	772	199	152	103	47	5	568	54,154	5,001	3,364,271
Lead and zinc.....	63	71	494	150	123	28	27	8	336	4,737	3,486	1,094,711
Quicksilver.....	18	28	139	27	19	9	8	1	111	9,139	120	893,800
Manganese.....	5	9	42	9	6		3		33	4,016	248	105,650
Tungsten.....	12	84	109	14	7		7	1	94	3,470	127	459,602
STRUCTURAL MATERIALS:												
Limestone.....	9	9	159	19	17		2	4	136	3,024	879	273,121
Granite.....	3	3	18	6	6		1		12	76		13,990
Marble.....	11	20	81	19	13		6	1	61	4,136	206	486,352
Slate.....	9	10	94	16	12	5	4		78	395	390	166,081
MISCELLANEOUS:												
Asbestos.....	5	76	25	4		1	4	2	19	2,455		264,734
Clay.....	6	6	46	16	14	1	2		30	973	20	34,760
Fluorspar.....	3	3	14	4	3		1		10	147	10	116,500
Graphite.....	5	6	35	6	1	3	5	3	26	11,005	85	258,018
Gypsum.....	4	6	25	4	3	2	1		21	1,230	10	46,741
Mica.....	4	4	29	5	3	3	2		24	165		13,708
Oilstones, scythestones, and whetstones.....	4	4	13	6	6	1			7	240	50	2,600
Phosphate rock.....	5	33	137	8	2	4	6	2	127	3,765	455	132,000
Precious stones.....	7	11	27	11	11	2			16	261		22,125
ALL OTHER INDUSTRIES <sup>2</sup> .....	29	54	292	31	16	7	15	15	246	15,534	496	1,612,197

INDUSTRY.	EXPENSES OF OPERATION AND DEVELOPMENT.							
	Total.	Services.			Supplies, materials, and fuel.		Contract work.	Miscellaneous expenses.
		Salaried officers of corporations, superintendents, and managers.	Clerks and other salaried employees.	Wage earners.	Supplies and materials.	Fuel and rent of power.		
All industries (United States) .....	\$31,548,736	\$2,092,650	\$392,277	\$12,931,910	\$10,877,732	\$1,346,862	\$1,802,560	\$2,084,745
FUELS:								
Coal, anthracite.....	263,501	7,151	3,009	173,438	58,966	2,563	1,351	17,033
Coal, bituminous.....	748,867	37,795	14,878	229,028	164,677	2,137	214,310	86,042
Petroleum and natural gas.....	7,044,383	191,155	25,543	1,002,383	4,937,764	198,552	303,162	385,824
METALS:								
Iron.....	862,301	18,068	15,962	316,530	237,882	83,674	63,775	126,410
Copper.....	906,252	57,882	34,556	475,123	167,906	75,113	12,698	76,974
Precious metals—								
Deep mines.....	20,321,074	1,630,738	276,360	10,086,470	5,017,908	951,148	1,089,536	1,268,914
Placer mines.....	506,426	49,685	1,375	243,336	145,138	6,219	27,487	33,186
Lead and zinc.....	241,450	16,501	2,712	86,442	39,205	24,161	63,336	9,093
Quicksilver.....	96,904	7,050	900	69,354	10,367	1,970		7,263
Manganese.....	19,167	2,203		12,324	2,168	1,262		1,210
Tungsten.....	83,877	15,412	816	42,204	14,960	565		9,920
STRUCTURAL MATERIALS:								
Limestone.....	77,112	874	2,592	22,612	42,424	679	4,420	3,511
Granite.....	4,574	600		2,395	1,510			69
Marble.....	43,531	7,380	600	19,054	8,379	2,206	1,800	4,112
Slate.....	29,175	3,890		19,532	2,625	2,427		701
MISCELLANEOUS:								
Asbestos.....	36,893	8,177	1,420	14,311	1,422			11,563
Clay.....	6,996	900		3,773	1,000		40	1,283
Fluorspar.....	4,218	1,320		2,010	449			194
Graphite.....	62,801	11,100	1,508	14,577	2,225	108	11,028	22,255
Gypsum.....	6,290	120		4,130	1,635	5		400
Mica.....	5,343	600	2,378	708	1,102		500	55
Oilstones, scythestones, and whetstones.....	1,805			937		70		633
Phosphate rock.....	37,567	4,825	350	24,673	1,421	3,828		2,470
Precious stones.....	2,227			1,811	301			115
ALL OTHER INDUSTRIES <sup>2</sup> .....	142,002	19,224	7,318	64,755	16,143	9,930	9,117	15,515

<sup>1</sup> Exclusive of wells not completed on Dec. 31, 1909.<sup>2</sup> Includes enterprises as follows: Antimony, 1; asphaltum and bituminous rock, 2; bluestone, 1; borax, 1; chromite, 1; feldspar, 1; garnet, 1; grindstones, 1; infusorial earth, 1; lithographic stone, 2; lithium, 1; magnesite, 1; mineral pigments, 2; molybdenum, 4; monazite and zircon, 1; peat, 2; pyrite, 1; quartz, 1; tin, 1; titanium, 1; uranium, 1; and vanadium, 1.



# INDEX TO THE ABSTRACT TABLES.

## POPULATION.

NOTE.—Statistics are given somewhat more frequently for cities of 100,000 inhabitants and over than for those of 25,000 to 100,000 inhabitants. Where an asterisk (\*) follows the reference, cities of 25,000 inhabitants and upward are included, otherwise the figures relate only to cities having 100,000 inhabitants or more.

SUBJECT.	STATISTICS FOR—				SUBJECT.	STATISTICS FOR—			
	United States.	Divisions.	States.	Cities (see note above).		United States.	Divisions.	States.	Cities (see note above).
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Ages, statistics of.....	122-132	131	133	139, 144*	Italy. See entries under Country.				
— illiterates.....	241				Japan. See entries under Country.				
— marital condition.....	149				Japanese, number.....	77-82	82	82	
— school attendance.....	224	224	224		— illiterates.....	239-242			
— urban and rural population.....	129	137			— males 21 years of age and over.....	107, 110	110	110	
Alaska, population. See pp. 22 and 52.					— marital condition.....	149			
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Apportionment.....	26, 27		26, 27		— sex.....	97		99	
Area.....	28, 29	29	29		See also entries for the group, Indians, Chinese, Japanese, and other Asiatics.				
Austria, mother tongue of persons born in.....	193	193			Males, 21 years of age and over.....	107-110	110	110	113, 114*
Belgium. See entries under Country.					— 18 to 44 years of age.....	119	119	119	
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Bulgaria, Serbia, and Montenegro. See entries under Country.					— urban and rural population.....	163			
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China. See entries under Country.					Mexico. See entries under Country.				
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— urban and rural population.....	200	201			— foreign or mixed parentage, country of origin.....	194-208	208	208	
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— native whites of foreign or mixed parentage.....	208	208	208		Native whites, foreign or mixed parentage, as a population class, number.....	77-83	83	83, 95	95*
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Denmark. See entries under Country.					— cities of specified size, number in.....	92	92		
Density of population.....	28, 29	29	29		— females 21 years of age and over.....	118	118	118	
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Dwellings.....	250, 260	260	260	261*	— males 21 years and over.....	255, 256	256	256	257
— urban and rural communities.....	260	260			— males 21 years of age and over.....	110	110	110	113, 114*
England. See entries under Country.					— males 18 to 44 years of age.....	119	119	119	
Families.....	259, 260	260	260	261*	— marital condition.....	149-156	156		
— urban and rural population.....	260	260			— school attendance.....	219-237	227-229	227, 228	231, 233*
Females 21 years of age and over (see also Sex).	118	118	118		— sex.....	100, 101	100, 101	100, 101	
Finland. See entries under Country.					— urban and rural population.....	92	92		
Foreign born.....	77-83	83	83		Native whites, mixed parentage.....	77, 80	83	83	
— country of birth.....	188-191	196-198, 204	204	210, 211*	Native whites, native parentage, as a population class. See entries under Native whites, foreign or mixed parentage.				
Foreign-born whites.....	77-83	83	83, 95	95*	Naturalized foreign-born white males.....	108	117	117	117, 114*
— country of birth.....	194-200	198-202			Negro population, state of birth.....	180	180	180	
— year of arrival.....	216	216	216	218	Negroes as a population class. See entries under Native whites, foreign or mixed parentage.				
Foreign-born whites as a population class, number.....	77-83	83	83, 95	95*	Netherlands. See entries under Country.				
— ages.....	122, 126, 128	131	133		Norway. See entries under Country.				
— cities of specified size, number in.....	92	92			Number of inhabitants.....	22-26	26	26	65*
— females 21 years of age and over.....	118	118	118		— urban and rural population.....	56	56	56	
— illiterates, 10 years of age and over.....	239-249	245, 249	245	245, 250, 251*	Population. See Number of inhabitants.				
— 10 to 14 years.....	254				Porto Rico, population. See pp. 22 and 53.				
— males 21 years and over.....	255, 256	256	256	257	Portugal. See entries under Country.				
— males 21 years of age and over.....	110	110	110	113, 114*	Roumania. See entries under Country.				
— males 18 to 44 years of age.....	119	119	119		Rural population. See Urban and rural population.				
— marital condition.....	149-156	156			Russia, mother tongue of persons born in.....	193	193		
— school attendance.....	219-237	227-229	227, 228	231, 233*	School attendance.....	219-238	224-229	221-238	231, 233*
— sex.....	100, 101	100, 101	100, 101		Scotland. See entries under Country.				
— urban and rural population.....	92	92			Sex.....	97-103	99-103	100, 101	104*
France. See entries under Country.					— ages.....	122, 126			
Germany, mother tongue of persons born in.....	193	193			— illiterates.....	241	248	248	139
Greece. See entries under Country.					— marital condition.....	146-153	156	160	164, 165*
Hawaii, population. See pp. 32 and 52.					— school attendance.....	220-237	225	225	
Hungary, mother tongue of persons born in.....	193	193			— urban and rural population.....	163	163		
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— urban and rural population.....	55, 57	57	57		Switzerland. See entries under Country.				
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— females 21 years of age and over.....	118	118	118		— ages.....	130, 137	137		
— illiterates.....	239-242				— foreign-born whites, country of birth.....	210	201		
— males 21 years of age and over.....	107, 110	110	110		— year of arrival.....	218	218		
— marital condition.....	149				— illiterates.....	249			
— school attendance.....	219, 221				— males 21 years of age and over.....	112	112		
— sex.....	97		99		— marital condition.....	163			
Indians, Chinese, Japanese, and other Asiatics combined, number.....				95*	— population classes.....	92	92		
— illiterates.....	244	244	244		— school attendance.....	221, 222	229		
— increase, 1900-1910.....	90	90	90		— sex.....	103	103		
— urban and rural population.....	92	92			Voting age, males of.....	110	110	110	113, 114*
— males 21 years of age and over.....				113, 114*	— urban and rural population.....	112	112		
— urban and rural population.....	112	112			Wales. See entries under Country.				
— males 18 to 44 years of age.....	119	119	119		White population, native, state of birth.....	180	180	180	
— sex.....	99	99	99		Whites.....	77-82	82	82	
Ireland. See entries under Country.					Widowed persons. See Marital condition.				



## AGRICULTURE.

SUBJECT.	STATISTICS FOR—			SUBJECT.	STATISTICS FOR—		
	United States.	Divisions.	States.		United States.	Divisions.	States.
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Acreage, average per farm.....	265, 281-283	280, 283	280	Ginseng.....	408		408
— irrigated.....	423		423	Goats and kids, on farms.....	330, 331	331	332
— size of farms, classification.....	303, 304	304	306	— on farms and not on farms.....	340	340	340
— total in farms.....	265-269, 281-283	269, 283	269	— not on farms.....	338	338	338
— white and colored farmers in the South. <i>See</i> p. 301.				Gooseberries.....	409	409	410
Alfalfa.....	398	398		Grains, cut green.....	398	398	
— irrigated acreage.....	430, 431			— irrigated acreage.....	431		
Alfalfa seed.....	395	395		Grapefruit.....	415		415
Almonds.....	416		416	Grapes.....	414	414	414
Apples.....	411	411	411	Grass seed.....	392, 394	395	394
Apricots.....	414		414	Guavas.....	416		416
Asses and burros, on farms.....	320, 322	321, 322	322	Guinea fowls. <i>See</i> Poultry.			
— on farms and not on farms.....	340	340	340	Hay and forage.....	396-398	397, 398	397
— not on farms.....	338	338	338	— sales of.....	371	371	
Austria, farmers born in.....	298	298		Hemp.....	408		408
Avocado pears.....	416		416	Hemp seed.....	395		395
Bananas.....	416		416	Honey and wax.....	356	356	356
Barley.....	376, 386	386	386	Hops.....	408		408
— irrigated acreage.....	439			Horses, on farms.....	320-322	321, 322	322
— sales of.....	371	371		— on farms and not on farms.....	340	340	340
Beans, dry edible.....	392	392	392	— not on farms.....	338	338	338
Bees.....	312, 312		312, 336	Hungarian grass.....	398	398	
Blackberries and dewberries.....	336, 337	336, 337	410	Hungary, farmers born in.....	298	298	
Broom corn.....	408		408	Implements and machinery.....	277-284	277-284	277, 280
Broom-corn seed.....	395		395	Improved land.....	265, 269, 281, 283	269, 283	269
Buckwheat.....	390	390	388	Indian farmers.....	298	298	
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Butter fat.....	347	347		Japanese farmers.....	298	298	
Cash tenants.....	285			Kafir corn and milo maize.....	391	391	391
Cattle, on farms.....	314-316	315, 316	316	Kumquats.....	415		415
— on farms and not on farms.....	340	340	340	Labor on farms.....	372, 374	372, 374	373
— not on farms.....	338	338	338	Land and buildings.....	281-288	288	290
Cereals.....	376, 377	377	377	Land area.....	265, 269, 281, 283	269	269
Cheese.....	345-349	345-349	347-349	Land in farms.....	265-269, 281-283	269, 283	269
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Chinese farmers.....	298	298		Lemons.....	415		415
Chufas.....	408		408	Limes.....	415		415
Chufas seed.....	395		395	Live stock.....	265-284, 310-312	265-284, 310-312	280, 312
Citrus fruits.....	415		415	Loquats.....	416		416
Clover.....	398	398		Mandarins.....	415		415
Clover seed.....	398	395		Mangoes.....	416		416
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