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ANNUAL REPORT

MADE TO THE

URBAN SANITARY AUTHORITY

OF THE

CITY OF LEEDS,

FOR THE YEAR

1910,

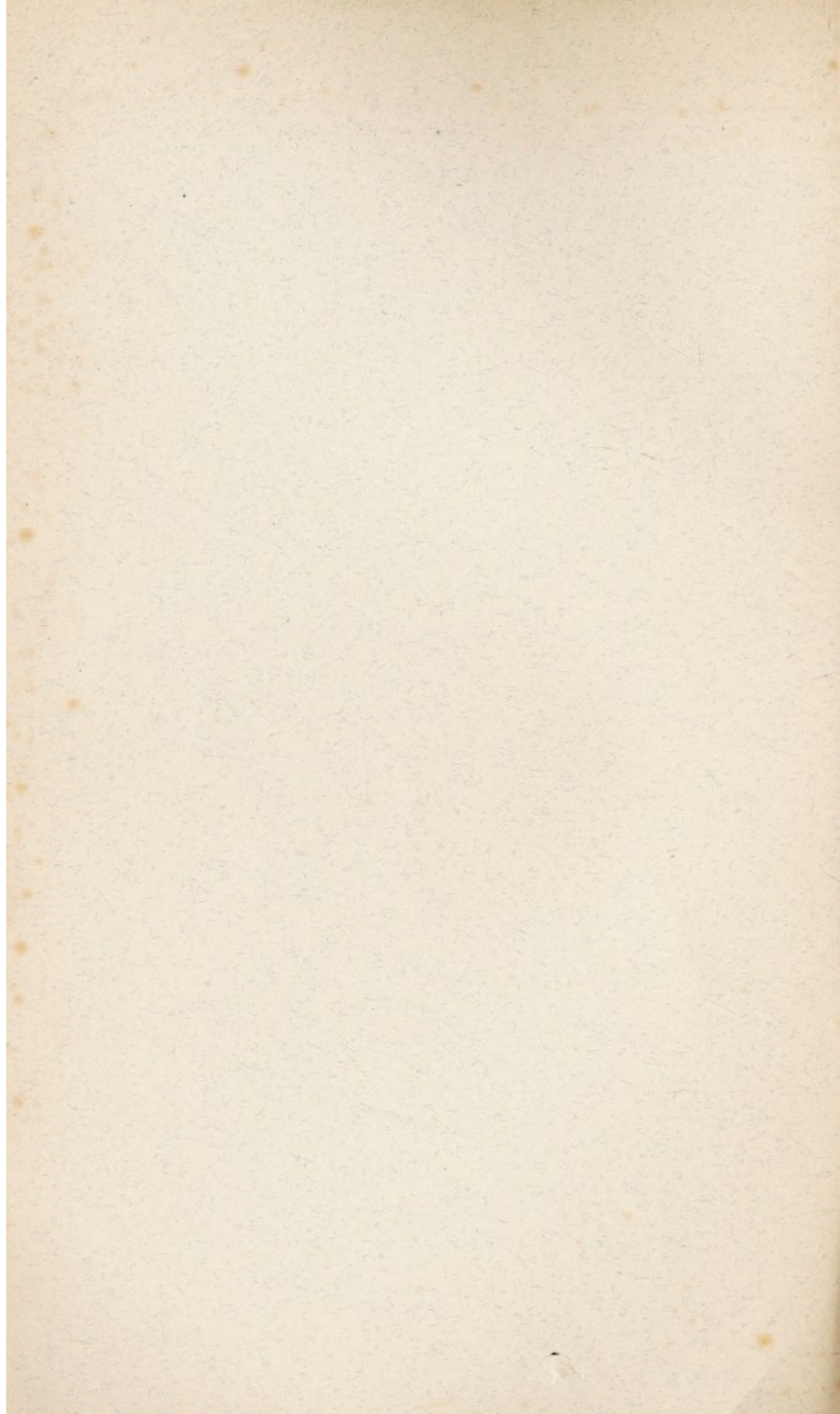
AND PARTLY FOR 1911.

BY

J. SPOTTISWOODE CAMERON,

M.D., B.Sc., &c.,

Medical Officer of Health to the City.



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ANNUAL REPORT, 1910.

To the Chairman of the Sanitary Committee.

Sir,

During the year 1910, taking for convenience the fifty-two weeks ended on the 31st December, 1910,* the births registered in the City were 10,867 and the deaths 6,790. These in both cases include the total number of births and deaths recorded as having been registered in the City itself, but the deaths include also those of Leeds persons which occurred in the City Fever Hospital though outside the boundary of the town, and all deaths of Leeds persons in the Hunslet Workhouse which is also outside the City. They include also all deaths that occurred in the Infirmary, the Women and Children's Hospital, the Armley Consumptive Hospital, the three Workhouses which are situated within the City, as well as in certain nursing homes which receive patients from outside as well as from inside the City. The deaths differ therefore from the deaths recorded during the same weeks by the Registrar General who deducts from our gross number some of the deaths of outsiders occurring in the larger public institutions, and adds some deaths which have occurred outside the City in persons belonging to Leeds. His figures amount, as published in the quarterly returns for the first, second, and third quarter and in the weekly returns for the fourth quarter of the year to 6,691.

The Registrar General estimated our population to the middle of 1910, at 490,985. His method of arriving at that figure has been explained in several previous reports. It is obtained by estimating for Leeds a population at arithmetical progression, adding for each year since the census, a tenth part of the increased population recorded between the censuses

* But correcting all rate calculations as if the births or deaths registered in these fifty-two weeks had been correspondingly increased for a year consisting of 52·17747 weeks.

TABLE 1.

Annual deaths per 1,000 of the estimated population.

	All causes.	Seven zymotics.†	Consumption.	Bronchitis, pneumonia, pleurisy.	Other lung diseases, without influenza.
Five years, 1885-89 ... (261 weeks)	21·16	2·78	1·70	3·93	0·27
*Five years, 1890-94 ... (261 weeks)	21·16	2·52	1·61	4·43	0·31
*Five years, 1895-99 ... (261 weeks)	19·77	2·74	1·47	3·54	0·22
Five years, 1900-04 ... (261 weeks)	18·36	2·48	1·36	3·18	0·19
Five years, 1905-09 ... (261 weeks)	15·35	1·49	1·23	2·69	0·16
Year 1910 (52 weeks)	13·88	1·30	1·04	2·39	0·15
1910 increase on 1909	...	0·50	...	...	...
„ decrease „ 1909	0·33	...	0·10	0·29	0·04
1910 increase on '85-9	...	...	...	...	...
„ decrease on '85-9	7·28	1·48	0·66	1·54	0·12

* Estimated upon the population calculated from the data of the recent census and those of 1881 and 1891. † Exclusive of membranous croup which the Registrar-General did not include in the seven zymotics until 1894.

The rates in this table throughout are calculated on the deaths registered as occurring in the city and its hospitals without any deduction for the deaths within the city of persons not belonging to Leeds.

Correction since census. Year 1910, above death rates to be increased by 10·5 per cent., quinquennium 1905-9 by 7·04 per cent., quinquennium 1900-4 by 1·42 per cent.

of 1891 and 1901, and multiplying the sum by a factor obtained by estimating the population of England and Wales by geometrical progression to the middle of 1910, then estimating the same population at arithmetical progression and dividing the former by the latter number. In former reports I have spoken about this provisional population as being calculated upon a dead reckoning, and as the dead reckoning for the middle of 1910 was one of nine years and a quarter, the value of such provisional population is exceedingly difficult to estimate, and one cannot lay very much stress upon birth rates and death rates derived from it.

Assuming, however, for the moment that the population 490,985 is correct, our gross crude birth rate, and gross crude death rate for the year 1910 are respectively 22·2 and 13·9, as against rates of 27·3 and 16·8 in the ten immediately preceding years.

Taking the Registrar General's corrected figures, the death rate of 13·9 for Leeds becomes one of 13·7. This is the same death rate that occurred in Birmingham* during the same period, but is higher than the death rate either in Sheffield (13·4) or in London (12·9), these figures being in all three cases calculated from the returns of the Registrar General for the first, second and third quarters, and from his weekly returns for the fourth quarter. The rate in Edinburgh calculated as nearly as possible in the same way was 13·9 and the rates in Glasgow, Manchester, Liverpool and Dublin higher. These provisional figures are shown in table 2.

In table 1 is given a comparison with Leeds rates in some previous years, but in this case the figures deal entirely with the gross crude death rate, including of course, the deaths of Leeds persons in Hunslet Workhouse, and the City Fever Hospital, and without excluding any institution deaths of outsiders, or adding any institution deaths of Leeds persons occurring outside the

* The Birmingham rate was above that of Leeds when carried to two places of decimals.

City. It will be noticed from this table that while on the accepted population our gross crude death rate last year was 13·88, during the five years immediately preceding it was 15·35 or 1·47 more. During the five years 1900-1904, it was 18·36 or 4·48 higher. During the five years 1895-99, it was 19·77 or 5·89 higher, whilst during the preceding ten years it had been 21·16 or 7·28 higher than that recorded last year. It is possible that some variations may require to be made in these figures when the returns of the

TABLE 2.

Shewing the death rates in the nine largest towns of the United Kingdom for the 52 weeks, and each of the thirteen week periods of 1910.

		First quarter of 1910.	Second quarter of 1910.	Third quarter of 1910.	Fourth quarter of 1910.	Year 52 Weeks.
London	-	14·3	11·6	10·3	15·3	12·9
Sheffield	-	14·0	12·3	13·0	14·4	13·4
<i>Leeds</i>	-	14·2	13·3	12·4	14·8	13·7
Birmingham	-	16·3	12·4	11·2	14·8	13·7
Edinburgh	-	15·8	13·8	12·0	14·3	13·9
Glasgow	-	17·2	15·5	13·2	14·7	15·1
Manchester	-	16·9	16·2	14·1	16·9	16·1
Liverpool	-	19·4	17·7	16·4	17·5	17·8
Dublin	-	23·8	19·0	17·3	19·8	20·0

1911 census are published. The figures, however, in the first four lines of table I., calculated as they are upon the populations 1881, 1891 and 1901, will probably not require to be greatly altered. The two lines which are starred on that table are probably as nearly accurate for this gross death rate as can be obtained. Even allowing for a considerable over estimation of the population by the Registrar General, the death rate in Leeds has evidently steadily diminished.

Whilst the death rate from all causes has thus been in the several five year periods from 1885 to 1910, 21·2, 19·8, 18·4, 15·4, and last year 13·9, the rate from the seven zymotic diseases has fallen similarly. In the first period, only from 2·78 to 2·52 rising in the following five years, however, to 2·74. In 1900-04, 2·48, and in 1905-9 period it was 1·49. Last year it was 1·30. Consumption caused rates for the same periods of 1·70, 1·61, 1·47, 1·36, all fairly reliable figures. In the five years 1905-1909, it was 1·23, and in the year 1910, 1·04. In regard to the figures for the last six years, we cannot of course, speak with the same confidence.

The death rate from bronchitic group of diseases was 3·93 in the first of the five lustra, it rose to 4·43 in the second period, during which influenza was so prevalent, fell in the following three quinquennia to 3·54, 3·18, 2·69, while last year, if we can rely upon the figures it was 2·39. The small group of other lung diseases which includes asthma, emphysema, empyema, but not croup, had rates in the two earlier periods of 0·27, 0·31, the rise being again due to influenza; then, 0·22, 0·19, 0·16 and last year 0·15.

I shall have to report to you at some length other statistical details, but propose before doing so, to draw your attention to a few matters which the Local Government Board specially wish to be dealt with in this report, as mentioned in their order of December 13th, 1910. Most of these matters have been referred to in previous reports, although not necessarily in the order it is proposed to speak of them here.

LEEDS, 1910.

FROM PRELIMINARY REPORT.

In the 52 weeks ended 31st December, 1910, the following births and deaths were registered, and cases of infectious diseases reported.

Population estimated by the Registrar General	...	...	490,985
Acreage	...	...	21,572
Births registered	10,867	Birth rate per thousand	22·2
Average birth-rate, ten years, 1900-1909 ‡	...	...	27·3
Deaths (all ages)	6,790	Death-rate per thousand	13·9
(R.G. 6,691 = 13·7).*			
Average death-rate, ten years, 1900-1909 ‡	...	...	16·8
Deaths (under 1 year)...	1,446	Ratio to 1,000 births	133

	Total deaths. (52 weeks).	Death rate per thousand.		Cases notified. 1910.
		1910.	1900-1909. †	
1. Small-pox ...	...	...	0·01	...
2. Measles ...	160	0·33	0·42	279 ||
3. Scarlatina ...	42	0·09	0·12	1,749
4. { Diphtheria ...	64	0·13	0·20	935
{ Memb. croup ...	6	0·01	0·02	13
{ Other croups ...	4	0·01	0·01	2 ||
5. Whooping cough ...	150	0·31	0·33	... ||
{ Typhus ...	...	...	0·00	...
6. { Typhoid ...	21	0·04	0·12	105
{ Ctd. fever ...	...	...	0·00	...
{ Puer. septicaemia ...	14	0·03	0·03	28
{ Erysipelas ...	20	0·04	0·03	339
7. Diarrhoea ...	199	0·41	0·79	...
Enteritis, gastro enteritis ...	82	0·17	0·21	...
Cholera (English) ...	2	0·00	0·00	...
Phthisis ...	510	1·04	1·30	1,012 §
Other tuberculous diseases	241	0·49	0·70	...
Seven commoner zymotics (including mem. croup) }	642	1·31	2·00	...
Bronchitis }	1,170	2·39	2·93	...
Pneumonia }				
Pleurisy }				
Other lung diseases (without influenza) }	72	0·15	0·17	...
Malignant growths ...	447	0·91	0·89	...
Violence and accident ...	279	0·57	0·59	...

* The R.G. excludes deaths of non-municipal paupers. He also adds those of Leeds persons dying in Public Institutions outside. The rates 13·9 and 16·8 are calculated on the larger numbers.

‡ Calculated on average population, non-residents not excluded. The average of the published returns to one decimal place are birth-rate 27·4, death-rate 16·9. The death-rates for special groups are the uncorrected means of the published returns, from which non-residents were not excluded.

|| Means not notifiable. § Notification voluntary except as to paupers.

For Table revised since census, see p. 38.

(a) INFLUENCES THREATENING THE HEALTH OF THE DISTRICT.

Mortality from the commoner zymotic diseases.—It will be gathered from the preceding figures that on the whole, 1910 has been a fortunate year. The death rate from measles, scarlatina, diphtheria, has in each case been considerably lower than in the ten years which immediately preceded it (1900-1909).

The rate from whooping cough was slightly below the rate for those ten years, 0·31 as against 0·33, whilst the death rate from typhoid fever was only a third of that during the ten years, 0·04, as against 0·12.

The death rate from diarrhoea also was only a little more than half in 1910 of what it had averaged during the ten preceding years, and even when we add the deaths from enteritis and gastro-enteritis at all ages the rate was 0·58 per thousand, as against 1·00 in the ten years. The seven common groups of zymotic diseases, including membranous croup but not enteritis, caused in 1910 a death rate of 1·31 against an average of 2·0 in 1900-1909.

Consumption.—Again accepting the Registrar General's population, the death rate from phthisis was only 1·04 per thousand, as against 1·30 in the ten years, whilst other tuberculous diseases accounted for 0·49, as against 0·70. Phthisis is a fairly easily recognised disease. A drop in the death rate from 1·30 in the decade 1900-1909, to 1·04 last year was rather startling, and one naturally asks how much of this good result is due to an incorrect estimate of population. To some extent we can arrive at the value of the improvement in another way. During the ten years 1900-1909, there were 76,261 deaths from all causes without making any corrections in regard to outsiders. Amongst these, 5,884 were attributed to consumption, that is 7·7 per cent. During 1910 the deaths from all causes were 6,790, and from phthisis 510 or 7·5 per cent., a very considerable improvement.

Respiratory diseases.—Lung diseases generally as will be seen also from table I. had a rate of 2·54 in 1910, as against one

of 2.85 in the five preceding years, one of 3.37 in the five years 1900-1904, and one of 3.76 in 1895-1899, of 4.74 in 1890-1894, and of 4.20 in 1885-1889. The increase in the 1890-1894 period was largely due to the outbreak of influenza at the beginning of that quinquennium. This group of diseases, which caused a rate of 2.54 in 1910, was responsible for one of 3.10 in the decade 1900-1909.

Increased prevalence of scarlet fever.—On the other hand, it has to be mentioned that during 1910, though the death rate from scarlet fever had fallen as compared with the ten previous years, it had not fallen as compared with the two immediately preceding. The rate of 0.09 although a low one from this disease, was higher than the rate of 0.02 in 1909, or 0.03 in 1908. Though it was lower than that of 0.12 in 1907, it was slightly higher than the rate (0.07) in 1906, and the same as that in 1905 (0.09). In 1904 the rate had been 0.13, in 1903 0.25, and it had not in any previous year since 1893 been lower than 0.09.

It is perhaps necessary to say something about this matter of slightly increased, though still comparatively low, death rate. Our hospital has during 1909 and 1910 been somewhat full, and the number of notified cases of scarlet fever in 1910 was upwards of 500 more than in 1909, and considerably higher than in any of the recent years mentioned. It is probable that the wave of scarlet fever which passed over Leeds in 1909-1910, proved less fatal than this disease used to be in previous years for two reasons. In the first place a larger proportion of the cases occurring were treated in hospital than used to be the case in the eighties, and in the second place, as we had been fortunate by our isolation in preventing a large number of young children from contracting the disease before the present wave occurred, those attacked were of a slightly higher age than used to be the case some years ago. The subject is an interesting one and is further treated in table 12 in which the mortality in the City since 1890 has been shown for every two years and also the proportion of notified cases treated in hospital. This table indicates in a general way that

as the proportion of cases sent to hospital increased, the death rate of the City decreased. In table 12a will also be found a comparison of the mortality in each period of ten years since 1870. In the decade 1870-1879, this disease caused a death rate of more than 1 per thousand; in the following ten years the rate fell to 0·68 per thousand, in the ten years 1890-1899 to 0·19 per thousand, and in the ten years ended 1909, to 0·11. As already said, notwithstanding the increased number of cases during 1909 and 1910, the mortality from this disease, if our population be approximately accurate was one of only 0·09 last year.

For some years a considerable amount of extra attention has been paid to the attempt to trace cases. For twenty years back it has been our practice to send an inspector to every house where a case of notifiable disease has occurred, and he is specially instructed to make enquiry not only as to the sanitary condition of the house, but into the source of infection. In every case our register of zymotic diseases has contained the place of occupation or school of each member of the family, and for some years back we have availed ourselves with great advantage of the special abilities of one of our women inspectors, herself previously interested in education, in visiting the schools themselves where these cases have occurred amongst girls and infants, and we have followed up cases of suspicious absence by visits at home, and in many cases we have been enabled to prevent infected members of the family from returning to school.

Presence of Measles.—In regard to measles a special attempt was made in this way to try to get early information about outbreaks, and we have for some years urged upon the Education department that when a case of measles has occurred in a class the whole class should be kept away from school the following week until a full fortnight has elapsed from the date when the patient was last present at school. The difficulty has been that while the Education Authority were willing to close the whole department they were not willing

to keep a dozen children belonging to one class away from school on account of the difficulty of the grant. During last year, however, the medical officer of the education department has been inclined to take action in this way, preferring, however, to close the whole department rather than, as originally suggested, the class in which the case had occurred. The rationale of this action lies in (1) the circumstance of the long incubation period of the disease and (2) the fact that it is infective for several days before the rash appears. It is not very common for parents to send children to school with the rash of measles out, but it is unfortunately far too common to let them attend right up to the day on which the rash appears. Such children may be infective for three and even four days before the manifestation of the eruption. Sitting in close proximity to others who have not been protected by a previous attack, they are extremely likely to convey the infection to them. For ten or twelve days there may be no indication that these other children have contracted the illness. It may not even be known that this has occurred until the appearance of the rash a fortnight after the infection has been received, and these secondarily infected children may be themselves, during the two or three days before the rash comes out, dangerous to the remaining children in the classroom. On the other hand, if all the children who have been in contact with the first case are kept away from school during the second week, until the period of incubation has distinctly passed away, those who do develop measles will do so at home instead of in the school room.

In consultation with the school medical officer an extension of the system of intercommunication between the departments has commenced. It has been our habit since notification was adopted in 1894, to send a list of all notified cases to the office of the school attendance officers. In addition to this we now get reciprocally lists of absentees from school wherever infective disease is supposed to be the cause. The

information in the meantime is not as complete as we should like to have it, as the teachers themselves do not always know and sometimes cannot very easily find out the nature of the ailment of those who are absent. As already said, many of the girls' and infants' departments are visited by one of our inspectors, and where there is reason to suppose that there are cases of an infective kind at home, the school authorities are notified to that effect with a request that the children be kept away from school until medical advice has been obtained.

(b) GENERAL AND SPECIAL INQUIRIES.

A portion of every ward has been carefully examined by the ward inspector, house-to-house, as described in previous reports and information obtained as to the conditions of the house, its drainage, and the number of inmates. In view of the information required under article II. of the housing regulations, one or two points mentioned in that article, not always explicitly shown in the house-to-house work in previous years, have been added to the information required of the inspector.

(c) WORK DONE BY THE INSPECTORS OF NUISANCES.

The work done by the chief inspector of nuisances, Dr. Clark, has included not only the assistance given to me in visiting on account of infectious disease, but has involved a large amount of special inspection and surveyor's work and the superintendence of four divisionals, four works inspectors, seventeen ward inspectors, and the special inspectors dealing with lodging houses, canal boats, and workshops.

Under the powers of our Act of 1905, two additional inspectors of nuisances were appointed by the Council, one of these is the veterinary surgeon, who was appointed originally to act as my assistant in the examination of cattle and dairies, and as adviser under the powers for food inspection. He was afterwards made the chief meat inspector, and shortly after,

as just said, an "inspector of nuisances." His position, therefore, enables him to act under Sections 116, 117, and 118 of the Public Health Act, 1875. This he does under my superintendence. His work in regard to the examination of tuberculous udders will be spoken of elsewhere.

A third inspector of nuisances was also appointed by the Council under the new powers, in the person of our Dairies and Food and Drugs inspector, Mr. Walker. Mr. Walker was appointed in 1880 as Dairies and Cowsheds inspector. In 1884, to enable him to carry out the Sale of Food and Drugs Act of 1875 he was made a police constable. When an assistant was appointed to him in 1899, the Council thought it better to make the latter a markets inspector, although he was distinctly attached to the sanitary committee as Mr. Walker's assistant. When they had an opportunity of making appointments as additional inspectors, it was thought better to make Mr. Walker an additional nuisance inspector, and thus enable him to continue his action as food and drugs inspector, and to take proceedings when necessary when dealing with cowsheds and dairies. A complete account of the work of the chief inspector and his assistants will be found in the tables numbered with the Roman numerals: I., II., III., IV., IVa., V., Vb. and VI., XV., XVI., and XVII. The work of the special veterinary nuisance inspector will be found partly in tables VIII., VIIIa., X., and that of the dairies, cowsheds, and food and drugs inspector in VIII., in the text about VIIIa., in VIIIb., in IX., in tables IXa., IXb., and IXc. The smoke inspector is a special officer and his report will be found under table XI.

(d) WHOLESOMENESS OF MILK PRODUCED AND SOLD.

On the whole, the milk in Leeds is good, and a great deal of it is free from deliberate adulteration. As compared with milk in other towns it is, generally, fairly clean, especially that which comes from farms inside the City. None of the milks examined for adulteration were found to contain preservatives. Of 155 samples of milk examined for tubercle,

17 were found to be infected and 128 were apparently free from infection, and in 10 the result was not sufficiently complete to enable us to say what the real condition of the milk was.*

It is proposed to deal with this matter more in detail under the head of tuberculosis, and a table of all the examinations made will be found (VIII. *b*) in a later part of the report. As in recent years frequent examinations of the cowsheds and cattle have been made by the veterinary assistant to the Medical Officer of Health. In regard to the cowsheds within the town, the cattle have been examined systematically some four times a year, and most of the cowsheds outside the City in the milk from which tubercle has been found, have also been visited by him.

(*e*) WHOLESOMENESS OF OTHER FOODS.

On the whole we have little to complain of in regard to the wholesomeness of the food sold. A special report upon bakehouses has been asked for by the Medical Officer to the Local Government Board. Though the good habit of baking at home has not been given up in Leeds, there are in addition to a few well-managed bakehouses a very large number of small bakehouses, generally domestic workshops under the Factory and Workshops Act, and a considerable number which, though not technically domestic workshops, are places where only one or two employees, outside the family, take part in the work.

Though the number of technical seizures (see table X.) was nil, a very considerable quantity of meat, poultry and vegetables has been destroyed by the owners in consequence of our continued inspection. Details will be found in table Xa. Such details have been given in previous years, but were omitted in 1909 in order not to delay the publication of the

* At the time of the draft report many of the biological tests were still incomplete, and these figures may require to be altered in the final print.

final report. They will be found both for 1908, 1909 and 1910 in the portion of the report on administrative work (Xa). A careful look out has been kept on tinned foods.

(f) WATER SUPPLY.

The water supply to Leeds is at present sufficient, but the Waterworks Committee have felt it necessary to obtain Parliamentary powers for adding considerably to their supply. The works for these, which are on tributaries of the Ure, are advancing satisfactorily. Our main water supply comes from the Washburn, a tributary of the Wharfe. For some time the Waterworks Committee have felt it necessary to increase their filters, and are pushing on with this work. For several years now they have obtained from the Professor of Pathology at the University, bacteriological reports as to the condition of the water.

The supply is constant, and except for hot water purposes is distributed to nearly all our houses direct from the main.

(g) POLLUTION OF RIVERS.

The prevention of pollution of rivers is chiefly in the hands of the West Riding Rivers Board, and four members of the Leeds Corporation are upon that Board. Those who are conversant with the condition of the river many years ago tell me that it is much less polluted than it used to be. During dry weather, however, which fortunately we have not much suffered from lately, it is very offensive to the nose. Table III. shows the actual work done by the Corporation themselves of late years in removing pollutions discovered.

(h) DRAINAGE, &c.

House drainage.—The drainage of the houses of the town is generally good as to general plan, though defects are usually found in older houses that are examined. Recently considerable extensions have been made where the Sewerage Committee have

provided new sewers. In many such cases we have been able to do away entirely with cesspools which are always a source of danger. We have also where such extensions have occurred been able to convert midden privies into water closets. In pursuance of the house to house work it is our practice to test, with a smell test (usually calcium phosphide), the house drains in every case examined. In about a fourth of the houses thus examined defects are found. These are dealt with as they are discovered. It was a common thing even so recently as 15 years ago to allow new drains to be laid with clay joints. In many of these the clay has washed out, and when phosphor-etted hydrogen is produced in the sewers by our tests, the smell frequently penetrates under the footings of the houses into the dwelling itself. It is, therefore, our practice when a defective drain is found, to follow the drain towards the sewer till we come to a part of it that does not allow the escape of the gas from the pipes.

Sewerage.—Not only have extensions been made into comparatively new quarters of the town, but a large intercepting sewer has been planned, by which it is intended to conduct sewage from the higher levels to the extended sewage works, and relieve the sewers in the lower parts of the town. The latter are by no means in every case all that could be desired.

Sewage Works.—The old works at Knostrop which, after many experimental years, were converted and worked for a long time on the lime precipitation process, were again for a long time the centre of experiments, many of which are commented upon in the interim reports of the Royal Commission on Sewage Disposal. They have recently been temporarily extended, and a better lime precipitation process set in action. Parliamentary powers were obtained for a considerable extension of these works, and it is intended to treat the greater part of the sewage of the town at Knostrop and Skelton partly by precipitation, partly by sedimentation in anaërobic tanks, and partly by bacteriological oxidizing processes.

At Rodley, on the North-West side of the town, or more strictly speaking, in the loop of the river opposite but outside the town, is a separate sewage system for the greater part of Bramley. The sewage from the hillside is brought down by two conduits to a detritus tank, passes from thence into a septic tank, and then is distributed, partly to bacteriological continuous oxidation beds, partly to the land, and partly, at certain times, is allowed to run directly to the river. The plant is an exceedingly interesting and illustrative one.

(i) CLOSET ARRANGEMENTS.

We have gradually been getting rid of the midden privy in favour of the water closet. The midden privies or "wet ash-pits" in Leeds have been reduced from 10,211 in 1894 to 990 in 1910. The water closets in the town have increased from 58,706 in 1894 to 74,422 at the end of 1910. I regret to say we still have a large number of trough water closets. Many years ago, on first coming to Leeds, your Medical Officer was inclined to look upon these conveniences as a considerable improvement upon either the old midden or the pail closet. He found them consisting usually of well-made terra-cotta troughs sloping sometimes to a valve chest at one end, sometimes two sets of troughs sloping to a valve chest centrally placed. The valve chest was under control of certain employees of the Corporation, each of whom at that time visited each block of closets in his district every night, removed the plug, allowed the contents of the troughs to run off, screwed a hose pipe into the tap in the valve chest and flushed the sides of the troughs. At intervals of perhaps once a month, he brushed the sides of the troughs as well as flushed them. Having emptied the contents, he refilled them. Provided with a key, your Medical Officer satisfied himself in going about the town, that when the water was let off from these troughs, a most offensive effluvium was produced. He found also, especially where, as at one time, and in certain parts of the town, was not uncommon, these troughs were under

bedrooms or shut off in dark passages, that the occupants of the adjacent houses not unnaturally complained. This was especially the case where the cleansing of the troughs did not take place on Sunday night, and where the contents were allowed to accumulate for forty-eight hours instead of twenty-four. Some rearrangement of the work was made, and during summer a charge of disinfectant was put into each trough, a double charge for the Sunday, and a few years ago the night work of the trough closet men was turned into day work with considerable advantage. Whilst some of these troughs, owing to their position, are less offensive than others, there are scarcely any of them that are not a source of nuisance, and the expense of cleansing them is considerable. Some years ago the Sanitary Committee were persuaded to recommend the Building Clauses Committee not to allow any more of these troughs in connection with new houses, and in requiring, under section 36 of the Public Health Act, increased accommodation, the Sanitary Committee has generally been able to persuade owners of property to substitute water closets of the ordinary kind for these excessively offensive and objectionable troughs. The comparison of mortality from diarrhoea in houses whose occupants used trough closets, with those where water closets or privy middens were provided, will be found in the Annual Report of the Medical Officer for 1898, p. 80.

Some further information as to the number of closets of various types a few years ago, will be found in the annual report for 1904 (p. 132).

(j) REMOVAL OF HOUSE REFUSE AND CLEANSING OF
ASHPITS, &c.

It will be noticed from the previous paragraph that the number of wet ashpits has been considerably diminished, and now is very small indeed. The number is so small that they have been dealt with as dry ashpits, and the night emptyings discontinued. Whilst the dry ashpits have been emptied at

comparatively the same rate as in former years—by no means too frequently—the substitution in many parts of the town and for many houses in almost all parts of the town, of the ashbin, has secured a very much more frequent removal of refuse. An even more frequent cleansing of these dust bins is desirable. It will certainly cost a little more than our present arrangement, but would be a great economy from a health point of view.

We still have a good many cesspools in the outer districts of the town, which are a source of annoyance, of danger and of expense. Especially it may be pointed out that in the district of Osmondthorpe, certain streets were laid out for building through and semi-detached houses, sewers were laid in these but never connected to the sewer outfall, consequently cesspools have been laid down in the neighbourhood of these houses, and are a cause of grave nuisance, and of no inconsiderable expense. It is intended ultimately that this system shall be taken into the intercepting sewer already mentioned, and the sewage carried to the new works at Skelton. The desirability of expediting this work has been pressed upon the Sewage Engineer. This is a district of the town, which, if properly sewered might almost be transformed into a small garden city. Its present condition is a menace to the health of its inhabitants.

(k) HOUSE ACCOMMODATION.

The table required by Article V. of the Housing Regulations will be printed in the tabular supplementary part of the report. It may be convenient to mention here, as has been already suggested under paragraph c, that the house to house examination of the town has been going on for many years, and that during the year 1910, 10,024 houses have been inspected in this way.

In the third quarter the Development Committee, who have taken the functions formerly carried out by the Unhealthy Areas Sub-Committee of the Sanitary Committee, had

a special report laid before them of the district of Weaver's Square and the neighbouring parts of Richmond Street and Richmond Road. This area contains 90 houses, 55 of which were in a condition requiring to be dealt with. As the working of Clause 17 was something new, it was suggested to the Committee that the houses in the Richmond Street part of this area as far as the entrance to Weaver's Square should first of all be dealt with. Full information of the defects found in these 10 houses was sent to the owners, who waited upon the Committee and promised to remedy them thoroughly ; they are now engaged upon the work. The action in regard to the remainder of the area in Richmond Street and Richmond Road was postponed. The Committee resolved in regard to two blocks of houses in the centre of Weaver's Square which belonged to themselves, and which had been purchased in order to remove some obstructive buildings some years ago, that they should be entirely demolished. The remaining buildings in Weaver's Square it is intended to deal with when this has been done.

An area called Noah's Ark Court, containing 25 houses has also been reported to the Committee in detail. Thirteen of these houses were regarded by the Medical Officer of Health, as unfit for human habitation. But he reported the conditions found in the whole group of houses in Noah's Ark Yard, Noah's Ark Court, and Trafalgar Row. The owners of the property, which is in trust, came before the Committee and offered to close the block of property entirely. They tried to exact a promise that, if they did so, the Council would not proceed to demolition ; this promise was not given.

It is proposed, and an inspection is being made for that purpose, to lay before the Development Committee, the housing conditions in Isles Court.

A house off Henry Street, opening into a narrow yard, devoid of air and light, has been ordered by the Council to be closed. This house has been under observation for many years back, but

was occupied by an elderly woman whom it was not desirable to move, but upon her death an early opportunity was taken to exercise the powers of the 17th section. Draft regulations under subsection 7, section 17, have been laid before the Development Committee.

The Committee have also been asked to deal with a house in Barr Street as unfit for habitation. All these are irrespective of the ordinary dealing with the house nuisances, of which particulars are given in table I. and II.

(l) VITAL STATISTICS.

These have been already generally spoken of, and the special tables asked for by the Local Government Board will be presented in due course. It is preferred, however, to keep to the numbers of tables in previous reports, in order that they may be comparable. Table 17 will be altered, however, in order to adopt at once the new classification which is coming into force in 1911.

(m) MIDWIVES ACT.

A full report on the working of this Act will be found as usual, under the head of the work of Women Inspectors. Two midwives have been struck off the roll during the year, 7 have retired, and 1 has died. The number who have given in their names as intending to practise during 1911 is 50.

AGE MORTALITY.

Age population.—What has been said about the uncertainty of the population of the whole City, applies still more when an attempt is made to obtain populations at the different age periods. In table 3, the Registrar General's estimate is given for the whole City in column 3, and in the remaining columns that total has been distributed at the six age groups proportionately to the numbers living at those ages at the census 1901.

The births and deaths at these ages are given in this table for the several quarters, of thirteen weeks each, for 1910, and in table 4 these have been calculated as rates according to the populations given in table 3. Whilst the gross births and deaths given in table 3 may be looked upon as accurate, the rates in table 4 must still be regarded as subject to alterations when the figures of the new census come out.

In table 5 the mortality of children under one has been calculated in several ways. The rates in the first line are the same as those in table 4. Those in the second line are calculated

TABLE 3.

Births and deaths registered in the City of Leeds in the four periods of 13 weeks ended respectively 2nd April, 2nd July, 1st October, and 31st December, 1910. Deaths in age groups.

1	2	MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.						
		3	4	5	6	7	8	9
1910. Estimated population at these ages ...	Regis- tered Births.	At all Ages.	Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
		490,985	12,860	44,224	100,656	98,817	206,528	27,900
I. Quarter	2,765	1,757	324	168	66	60	553	586
II. Quarter	2,831	1,640	325	180	77	84	507	467
III. Quarter	2,721	1,556	393	226	67	67	425	378
IV. Quarter	2,550	1,837	404	282	57	76	508	510
52 weeks. . .	10,867	6,790	1,446	856	267	287	1,993	1,941

in the way usually adopted as deaths per thousand births recorded in the same period of time. The third line takes into account the fact that there are variations in the birth rate, and calculation is made for each of the four quarters not upon the actual births in that quarter but upon the average of the same and the previous four quarters. The fourth line is the average by the last method for the five preceding years 1905-1909, whilst the bottom line in the table gives the rates by the second method (the ordinary one) for the years 1886-1890, as previously printed in table 7a in the 1890 report.

TABLE 4.

Birth and death rates in the City of Leeds in the four periods of 13 weeks ended respectively 2nd April, 2nd July, 1st October, and 31st December, 1910. Death rates in age groups.

1	2	DEATHS PER ANNUM PER 1,000 LIVING.								
		3	4	5	6	7	8	9	10	11
1910.	Birth-rate.	At all Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwds.	25 to 65	Over 65
I. Quarter	22·6	14·4	101	15·2	2·6	2·4	10·7	84·3	12·3	118·8
II. Quarter	23·1	13·4	101	16·3	3·1	3·4	9·9	67·2	11·1	94·1
III. Quarter	22·2	12·7	123	20·5	2·7	2·7	8·2	54·4	9·5	72·2
IV. Quarter	20·8	15·0	126	25·6	2·3	3·1	9·9	73·4	11·7	96·6
52 weeks . .	22·2	13·9	113	19·4	2·7	2·9	9·7	69·8	11·2	95·4

TABLE 5.

Mortality in Children under one year of age, during the
52 weeks of 1910.

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	YEAR.
Calculated per 1,000 of the population under 1, estimated to the middle of 1910, on the supposition that the whole population of the city was that estimated by the Registrar General, and that the number of children under one bore the same proportion to the population as at the 1901 census ...	101	101	123	126	113
Deaths under 1 per 1,000 births registered in same period	117	115	144	158	133
Deaths per 1,000 registered births, the latter instead of those for the same quarterly period being the average of the same and four preceding quarters. The rate for the year is the mean of the four quarterly rates	118	118	144	151	133
Average rate by last method for five preceding years ...	124	113	177	135	137
Average rate by second method for years 1886-90 (from table 7a 1890 report)	158	147	223	171	175

Special tables dealing with the mortality for infants under one year of age will be found in the supplementary report under table 5a, etc. These tables will be found to be absolutely comparable with the tables under the same letters in previous reports, as wherever rates of mortality are given they are calculated by the ordinary method upon the number of births in the same period, and are not therefore subject to alteration when the results of the new census are published.

J. SPOTTISWOODE CAMERON.

LEEDS, *February 9th, 1911.*

INFANT MORTALITY.

Whilst nearly all rates in the earlier part of the report are dependent for their accuracy upon the estimated population, this does not apply to the infantile mortality, except as given in table 4 (column 4) and in table 5 (line 1). This has been already referred to on p. 20. It is there pointed out that the usual way of estimating infantile mortality is as a rate upon the births in the corresponding period. Exclusive of 99 births in public institutions there were 10,768 births registered elsewhere in Leeds. Excluding outsiders there were 1,433 deaths during the same period, a rate of 133 per thousand born. This is practically the same rate as that given in the second line in table 5 on the gross births in Leeds (10,867) and the uncorrected deaths of children under one year of age (1,446).

Comparison with previous years.—During the five years 1905-9, as given in table 5z in the report for 1909 the rate was 139·9, that is after the births in workhouses and the deaths of outsiders were excluded. The rates during those five years (which will be found in table D, part 2), were in those years, chronologically, 152, 152, 131, 138 and 123. The years 1907 and 1909 had therefore a lower rate than 1910—the latter considerably so.

During the twenty-one years from 1890 to 1910 inclusive this rate has never been so low as 133, except in those two years. It is a little disappointing to have gone back since 1909.

Rates in Districts.—Calculated in the same way on the births (leaving out institutions births and the deaths of outsiders) the infantile mortality in 1910 was 84·2 in Chapeltown, 89·7 in Bramley, these numbers being 37 and 33 per cent. respectively under the rate of the whole town. It was 92·1 in Kirkstall, 31 per cent. below that of the town. In the West it was 112 per thousand, still 16 per cent. below the average of the town.

TABLE 5a.—Infantile Mortality during the year (52 weeks ended 31st December, 1910).
Deaths from stated causes in age periods of weeks and months under one year of age.

CAUSES OF DEATH.	1 week.	1-2 wks.	2-3 wks.	3-4 wks.	Total under one mth.	1-2 mths.	2-3 mths.	One and under three mths.	3-4 mths.	4-5 mths.	5-6 mths.	Three and under six mths.	6-7 mths.	7-8 mths.	8-9 mths.	Six and under nine mths.	9-10 mths.	10-11 mths.	11-12 mths.	Nine and under twelve mths.	Total deaths under one year.
All causes { Certified Uncertified ..	298 1	75 1	79	45	497 2	151	108	259	98	82	64	244	85	73	65	223	74	53	81	208	1,431 2
Common infectious diseases. { Small-pox .. Chicken-pox .. Measles .. Scarlet fever .. Diphtheria .. Membr. croup .. Other croup .. Whooping cough ..	.. .. .. .. .. .. .. ..	.. .. .. .. .. .. .. ..	.. .. .. .. .. .. .. ..	.. .. .. .. .. .. .. ..	.. .. .. .. .. .. .. ..	.. .. 1 6	 1 4 10	.. 1 .. 1 10 5	.. .. .. .. .. .. .. ..	.. .. .. .. .. .. .. 5	.. 1 2 4	.. 2 11 2	.. 1 7 11	 5 2	.. 6 2 14	.. 7 11 14	.. 9 3 1 11	.. 3 1 6 10	.. 18 1 1 .. 1 1 27	.. 28 1 1 .. 1 1 64	
Diarrhoeal diseases. { Diarrhoea, all forms* .. Enteritis (not tuberculous) .. Gastritis .. Gastric & gastro-intestinal catarrh .. Gastro-enteritis ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. 3 2 1 1 7	19 2 2 1 7	26 6 2 2 14	16 3 3 1 5	13 3 3 1 ..	13 3 3 1 6	42 9 2 3 11	14 2 1 .. 1	8 4	9 2 .. 1 3	31 2 1 1 8	9 2 .. 1 2	10 1	9 .. 1 1 2	28 3 2 .. 4	132 21 7 9 37
Wasting diseases. { Premature birth .. Congenital defects .. Injury at birth .. Want of breast milk .. Inanition, malnutrition, privation .. Atrophy .. Debility .. Marasmus ..	169 32 26 .. 20 19 1	27 10 12 3	18 9 7 16 4	15 .. 3 1 2	229 51 26 34 43 10	17 5 .. 5 5 21	4 2 1 3 17	21 7 3 8 5 38	4 3 .. 2 4 10	.. 1 .. 2 1 15	 1 .. 7	4 4 1 5 32	3 .. 1 2 10	1 1 1 .. 7	 1 .. 6	4 1 .. 3 25	.. 1 .. 1 1 7	.. 1 .. 1 .. 5	1 1 1 1 13	51 1 61 116	
Tuberculous diseases. { Tuberculous meningitis .. Tuberculous peritonitis .. Tuberculous mesenterica .. Hydrocephalus .. Other tuberculous diseases ..	.. .. .. .. ..	.. .. .. 1	 1	 1 1 1	.. 1 1 1 2	.. 1 1 1 2	.. 2 2 1 2	.. 3 1 2 2	.. 1 3 3 1	1 .. 2 .. 4	.. 1 5 5 4	1 2 10 4	1 2 1 1	3 .. 2 1 4	1 1 1 1 1	5 2 4 6 6	2 2 2 1 1	1 1 2	4 3 2 1 5	10 7 20 3 19	
Erysipelas .. Syphilis .. Rickets .. Meningitis (not tuberculous) .. Convulsions .. Bronchitis .. Broncho-pneumonia .. Laryngitis .. Pneumonia ..	.. 2 21 1	2 9 2 1	5 4 4 3 1 ..	2 .. 6 2 2	11 .. 40 8 1 1	1 6 .. 2 14 20 7 2 1	8 8 22 8 15 3	1 8 2 4 22 38	2 2 6 6 3	1 2 3 3 3	2 1 1 1 1	5 7 12 27 26 7	1 1 1 8 9 2	1 1 5 3 2	1 1 2 1 5	2 1 8 6 9	.. 1 1 2 1 1	.. 1 1 1 1 1	26 30 1 8 26	127 97 1 28	
Suffocation, over-laying .. Dentition .. Other causes (exclusive of lines in italics)	3 .. 5	1 .. 3	 4	2 6 6	6 18 18	2 1 12	2 .. 4 1	4 1 16	.. 3 3	3 3 3	2 2 1	5 7 7	5 9 9	2 2 2	.. 6 3	6 5 16	.. 7 3	2 2 3	3 3 2	12 8 8	10 31 65
TOTALS ..	299	76	79	45	499	151	108	259	98	82	64	244	85	73	65	223	74	53	81	208	1,433

Hunslet had a rate of 140 per thousand, 5 per cent. above that of the town. This rate was a little higher than in 1909 when it was 135. But that rate of 135 was the lowest during the twenty years of which it was the last, and on only one other occasion (1907) had the Hunslet rate been below 140. In Wortley the rate was 146, nearly 10 per cent. above the City rate. The rate in 1909 had been 129 and in the ten preceding years 160. In three of those years (the last three) it had been below 146, and in 1905 it was 148.

Holbeck had a rate of 158, which is 19 per cent. above the rate of the Town generally and very much in excess of the rate for 1909, which was 118. In both these, births in the Workhouses are excluded. Counting these births the figure should be 156 and the excess 17 per cent. The rate, however, in Holbeck during the ten years preceding 1909, including Workhouse births, was 169, and in only four of the twenty years, 1890 to 1909, was the rate below 156, namely, in 1909, 1908, and 1907, in each of which it was below 140, and in 1905 it was 147.

South-East Leeds had a rate of 171, 29 per cent. above the town rate. In 1909 the rate had only been 153, but the average of the preceding ten years had been 209. In none of those ten years did it fall so low as 171.

The remaining district, North, if we exclude the births in the Leeds Workhouse, had a rate of 177—the highest of any district, and 33 per cent above the average of the city. Including all births in the Leeds Workhouse the rate was 166. The rate in this district, including the Workhouse births, was 130 last year, or excluding those births, 138, and in the ten years before, including births in the Workhouse, 163. Including Workhouse births, it had been less than 166 in 1908, 1907, 1906 and 1905—in 1903 and 1902, and in 1900 and 1899, and in 1890.

TABLE 5c.—1910.

Infant mortality during the year (52 weeks ended December 31st, 1910).
Excess or otherwise, compared with rate in whole city, of district
rates at certain age periods.

District.	Births in year.	Under 1 week.	Under 1 month.	1 and under 3 months.	3 and under 6 months.	6 and under 9 months.	9 and under 12 months.	Year.
North	1,169	- 4.7 %	+ 23.8 %	+ 56.0 %	+ 20.7 %	+ 28.0 %	+ 46.1 %	+ 33.1 %
West	2,056	+ 6.8 %	+ 5.0 %	- 33.2 %	- 14.1 %	- 39.1 %	- 21.8 %	- 15.9 %
South-East	1,121	+ 5.8 %	+ 6.0 %	+ 25.7 %	+ 65.2 %	+ 16.4 %	+ 57.0 %	+ 28.7 %
Hunslet	1,829	- 27.3 %	- 17.3 %	+ 6.6 %	+ 30.0 %	+ 26.6 %	+ 4.7 %	+ 5.2 %
Holbeck	992	+ 19.8 %	+ 4.5 %	+ 34.0 %	+ 2.2 %	+ 51.2 %	+ 20.2 %	+ 18.9 %
Wortley	1,266	+ 10.8 %	+ 14.3 %	+ 17.8 %	+ 0.9 %	+ 14.5 %	- 1.6 %	+ 10.4 %
Kirkstall	912	+ 6.5 %	- 2.8 %	- 36.1 %	- 80.6 %	- 20.8 %	- 43.0 %	- 30.8 %
Bramley	390	- 44.6 %	- 44.7 %	- 25.7 %	- 21.1 %	- 62.8 %	+ 6.2 %	- 32.6 %
Chapelton	1,021	+ 12.6 %	- 13.2 %	- 51.0 %	- 44.1 %	- 43.0 %	- 59.6 %	- 36.7 %
Osmondthorpe	12	...	...	...	...	...	...	...
City death rates per 1,000 births registered ...	10,768*	27.8	46.3	24.1	22.7	20.7	19.3	133.1

* Exclusive of 99 births in workhouses.

TABLE 5c.—1909.

District.	Births in year.	Under 1 week.	Under 1 month.	1 and under 3 months.	3 and under 6 months.	6 and under 9 months.	9 and under 12 months.	Year.
North	1,381	- 35.8 %	- 28.0 %	+ 16.6 %	+ 35.7 %	+ 13.6 %	+ 73.0 %	+ 11.8 %
West	1,971	+ 19.5 %	+ 19.9 %	- 11.4 %	- 15.7 %	- 7.9 %	- 21.5 %	- 1.9 %
South-East	1,132	+ 6.4 %	+ 4.4 %	+ 17.1 %	+ 39.1 %	+ 38.7 %	+ 46.6 %	+ 24.1 %
Hunslet	1,861	+ 1.1 %	+ 3.2 %	+ 17.1 %	+ 5.1 %	+ 20.9 %	+ 12.3 %	+ 10.0 %
Holbeck	1,002	+ 13.1 %	+ 10.9 %	- 24.2 %	- 6.4 %	+ 4.7 %	- 26.4 %	- 4.3 %
Wortley	1,345	+ 16.0 %	+ 11.8 %	+ 37.4 %	+ 4.3 %	- 18.3 %	- 22.7 %	+ 5.7 %
Kirkstall	944	- 32.3 %	- 38.7 %	- 44.5 %	- 0.9 %	- 11.5 %	- 35.0 %	- 27.7 %
Bramley	405	+ 48.9 %	+ 20.1 %	- 53.1 %	- 57.9 %	- 9.4 %	- 39.3 %	- 19.7 %
Chapelton	952	- 18.1 %	- 7.6 %	- 15.2 %	- 50.6 %	- 56.0 %	- 28.8 %	- 27.5 %
Osmondthorpe	16	...	...	...	...	...	...	...
City death rates per 1,000 births registered ...	10,909*	28.2	43.2	21.1	23.5	19.1	16.3	123.1

* Exclusive of 93 births in workhouses.

TABLE 5 c.—1908.

District.	Births in year.	Under 1 week.	Under 1 month.	1 and under 3 months.	3 and under 6 months.	6 and under 9 months.	9 and under 12 months.	Year.
North	1,581	+15·6 %	+ 9·6 %	+17·4 %	+29·9 %	+20·2 %	-16·3 %	+13·6 %
West	1,975	+11·8 %	+ 5·8 %	-10·0 %	-20·5 %	-24·8 %	-11·4 %	- 9·7 %
South-East	1,220	+24·7 %	+14·7 %	+71·0 %	+80·6 %	+55·8 %	+28·3 %	+46·7 %
Hunslet	2,056	- 5·7 %	+13·6 %	+ 3·5 %	+ 5·2 %	+26·4 %	+46·4 %	+16·2 %
Holbeck	1,023	- 7·2 %	- 8·7 %	- 5·8 %	-30·6 %	+33·5 %	+18·1 %	- 1·9 %
Wortley	1,489	- 8·0 %	- 6·0 %	-24·7 %	+12·7 %	- 8·3 %	-22·9 %	- 8·4 %
Kirkstall	999	-27·8 %	-37·8 %	- 7·3 %	-40·3 %	-38·0 %	+ 2·4 %	-27·8 %
Bramley	476	-20·2 %	-25·3 %	-43·2 %	-60·8 %	-56·6 %	-62·0 %	-45·5 %
Chapelton	1,098	- 9·9 %	- 6·9 %	-26·3 %	-28·7 %	-58·7 %	-34·3 %	-27·1 %
Osmondthorpe	6	...	+270·4 %	...	...	+588·8 %	...	+140·5 %
City death rates per 1,000 births registered ...	11,923*	26·3	45·0	25·9	26·8	24·2	16·6	138·6

* Exclusive of 84 births in workhouses.

TABLE 5 c.—1907.

District.	Births in year.	Under 1 week.	Under 1 month.	1 and under 3 months.	3 and under 6 months.	6 and under 9 months.	9 and under 12 months.	Year.
North	1,549	- 0·8 %	-10·9 %	+37·3 %	+21·4 %	+28·1 %	+21·8 %	+15·4 %
West	1,809	- 3·6 %	+13·8 %	-15·7 %	- 4·5 %	-21·2 %	-34·7 %	- 7·5 %
South-East	1,211	+50·6 %	+33·9 %	+16·1 %	+52·3 %	+41·0 %	+21·2 %	+33·9 %
Hunslet	1,994	-10·5 %	- 7·7 %	+ 6·8 %	+ 3·8 %	+11·1 %	+ 3·6 %	+ 6·1 %
Holbeck	1,052	-19·0 %	-14·8 %	- 0·8 %	+25·2 %	+ 0·9 %	+11·8 %	+ 2·0 %
Wortley	1,497	- 2·8 %	- 4·6 %	+12·9 %	+ 3·0 %	+ 4·6 %	+17·6 %	+ 4·7 %
Kirkstall	962	-11·7 %	-14·5 %	-33·3 %	-57·1 %	-37·8 %	-57·1 %	-35·9 %
Bramley	458	+15·0 %	+21·5 %	-47·4 %	-25·9 %	+30·9 %	-10·0 %	- 3·7 %
Chapelton	1,046	- 7·3 %	- 9·7 %	-26·9 %	-56·8 %	-60·4 %	-43·5 %	-35·2 %
Osmondthorpe	11	+268·0 %	+340·2 %	...	...	...	...	+38·4 %
City death rates per 1,000 births registered ...	11,589*	24·7	41·3	24·9	26·6	21·7	17·0	131·4

* Exclusive of 89 births in workhouses.

TABLE 5c.—1906.

District.	Births in year.	Under 1 week.	Under 1 month.	1 and under 3 months.	3 and under 6 months.	6 and under 9 months.	9 and under 12 months.	Year.
North ...	1,686	- 22·2 %	- 8·8 %	+ 32·1 %	+ 5·2 %	+ 20·3 %	+ 11·4 %	+ 9·5 %
West ...	1,869	+ 35·7 %	+ 23·5 %	+ 1·5 %	+ 8·0 %	- 12·7 %	- 4·4 %	+ 6·1 %
South-East ...	1,240	- 4·0 %	- 5·2 %	+ 23·7 %	+ 40·7 %	+ 18·7 %	+ 58·5 %	+ 23·4 %
Hunslet ...	2,143	+ 13·1 %	+ 23·5 %	+ 17·5 %	+ 11·3 %	+ 11·6 %	+ 3·9 %	+ 14·9 %
Holbeck ...	1,002	- 12·7 %	+ 19·7 %	+ 9·1 %	+ 34·3 %	+ 3·2 %	+ 39·3 %	+ 21·2 %
Wortley ...	1,605	- 6·0 %	- 15·4 %	- 6·9 %	- 16·2 %	+ 19·1 %	- 13·1 %	- 7·9 %
Kirkstall ...	1,020	- 10·1 %	- 20·1 %	- 42·7 %	- 52·0 %	- 25·9 %	- 48·5 %	- 36·2 %
Bramley ...	465	- 14·7 %	- 41·6 %	- 68·6 %	- 14·4 %	- 48·6 %	- 15·3 %	- 37·9 %
Chapelton ...	964	- 17·9 %	- 29·6 %	- 47·1 %	- 52·3 %	- 46·2 %	- 54·6 %	- 44·1 %
Osmondthorpe ...	11	260·7 %	105·7 %	...	178· %	...	...	+ 19·4 %
City death rates per 1,000 births registered ...	12,005†	25·2	44·2	27·4	32·7	25·1	22·9	152·3

† Exclusive of 88 births in workhouses.

TABLE 5c.—1905.

District.	Births in year.	Under 1 week.	Under 1 month.	1 and under 3 months.	3 and under 6 months.	6 and under 9 months.	9 and under 12 months.	Year.
North ...	1,792	- 18·4 %	- 4·6 %	+ 26·1 %	+ 26·2 %	+ 5·2 %	+ 12·8 %	+ 11·2 %
West ...	1,905	- 9·7 %	- 9·2 %	+ 3·9 %	- 5·2 %	+ 8·8 %	+ 1·0 %	- 1·6 %
South-East ...	1,235	+ 12·4 %	+ 16·5 %	+ 51·6 %	+ 64·6 %	+ 39·8 %	- 4·4 %	+ 33·7 %
Hunslet ...	2,140	- 3·7 %	+ 12·9 %	+ 3·9 %	- 6·6 %	+ 10·8 %	- 1·0 %	+ 5·1 %
Holbeck ...	1,071	- 2·2 %	- 4·6 %	- 27·6 %	- 5·2 %	+ 1·2 %	+ 33·5 %	- 3·0 %
Wortley ...	1,643	+ 13·9 %	- 2·3 %	- 16·3 %	+ 13·7 %	- 9·6 %	+ 4·9 %	- 2·0 %
Kirkstall ...	981	+ 33·7 %	+ 6·3 %	- 31·4 %	- 29·8 %	- 46·6 %	- 19·7 %	- 20·2 %
Bramley ...	459	- 2·2 %	- 22·9 %	- 45·9 %	- 64·3 %	- 12·4 %	- 14·3 %	- 32·7 %
Chapelton ...	1,016	- 7·9 %	- 7·7 %	- 16·6 %	- 58·0 %	- 32·9 %	- 32·0 %	- 26·9 %
Osmondthorpe ...	3	...	...	...	...	...	...	...
City death rates per 1,000 births registered ...	12,245*	26·7	48·0	28·3	30·5	24·9	20·3	152·1

* Exclusive of 92 births in workhouses.

Mortality at Shorter Age Periods.—In table 5c (page 29) a comparison is made between the deaths at the different age periods of the first year of life. In the first week of life the death rate was 27·8 per thousand births in the whole City. Bramley had a rate at this period 45 per cent., Hunslet 27 per cent. lower than that of the City.

Including this first week of life which is distinctly the most fatal of the whole, the first month accounted for 46 deaths out of 133 for each thousand born. In other words, for every 100 children who died in their first year of life, 35 did so in the first month. The rate in Bramley, which was 25·6, was again 45 per cent. below that of the town. In Hunslet the rate was 17 per cent. below that of the City, Chapeltown 13, and Kirkstall 3. North had a rate at this age 24 per cent. and South-East Leeds 6 per cent. above that of the town. Taking this period under one month, it is interesting to compare the rates in these districts at this age and in the whole twelve months. Chapeltown had a rate 37 per cent. below that of the whole town for the twelve months. The rate in this district, however, was higher than that of the town in the first week but lower during the first month. It was very much lower (51 per cent.) between the fourth and the thirteenth week, in fact it was below the average of the town in every period which has been got out except the first week, and it is the deaths in the first week which made the rate in this district in the first month only 13 per cent. below the average.

Bramley, the next healthiest district, with a general infantile death-rate of 33 per cent. below that of the town, was 45 per cent., as already said, below the town rate in the first week and also in the first month. It was 26 per cent. below in the period from the fourth to the thirteenth week, 21 per cent. below in the following three months, and 63 per cent. in the following period six to nine months. So that Bramley had a rate below that of the town at every one of these periods

mentioned in table 5c, except that from nine to twelve months, although the total infantile death rate was not quite so much below that of the town as Chapeltown.

Some previous years.—Contrasting these two comparatively healthy districts it will be noticed that Bramley lost fewer children in the earlier weeks than Chapeltown, but Chapeltown preserved those which reached the first month in a greater proportion than Bramley. In 1909 the city death-rate in children under one week was 28 per thousand births, the rate in Chapeltown of those dying under one week was 18 per cent. below that for the City, and in Bramley 49 above. These districts have, therefore, though not to any great extent, reversed their position as compared with the town. In the period under one month the Bramley rate was above that of the town, though not to the same extent as that of the first week. This year (1910) it is considerably less than that of the town both in the first week and in the whole of the first month. Chapeltown, although in 1909 its rate for children dying in the first seven days of their life was 18 per cent. below the rate for the town, had a rate only 8 per cent. below that of the town for the month, whereas this year (1910) it was 13 per cent. above in the first week and 13 per cent. below in the month. Both these districts, however, are small, Bramley having contributed 390 and Chapeltown 1,021 births. The importance of this smallness is illustrated if we suppose that one child in Bramley had been counted as over nine months when it should have been under that age. The transfer of this death from this to the earlier period would have left its rate at nine to twelve months also below that of the City as a whole.

In 1908 Chapeltown and Bramley had rates below that of the City, not only for the whole twelve months, but in every one of the six shorter periods. In 1907 Bramley had a rate in excess of the town's at the period under one week, and also at that under one month, and from six to nine months—the

whole advantage to Bramley for the twelve months being only 4 per cent. The only periods of those chosen, in which the rate was below that of the City, were from four to thirteen weeks, from thirteen to twenty-six weeks, and from thirty-nine to fifty-two. Chapeltown had a rate in 1907 below the City rate at every one of the age periods chosen. In 1906 Bramley had a rate below the City of 38 per cent. and of 15 and 42 under the City rate at periods of one week and one month respectively. Chapeltown had rates at those same periods of 18 and 30 below and a rate for the whole twelve months of 44 below that of the City. In 1905 both these districts had rates below that of the City at each of the periods chosen, but in both of them, in Bramley only 2 and in Chapeltown only 8, below the rate for the first week.

South East on the other hand had rates in 1910 and 1909 above the rate of the City as a whole. In the year 1910, which we are at present considering, the rate was 65 above that of the City from the thirteenth to the twenty-sixth week and 26 per cent. in the three preceding months. In 1909 the greatest excess was in the last three months, 47 per cent. in excess of the town rate, but that excess was exceeded in 1910 when the rate in the last three months was 57 per cent. in excess of that of the town, the total rate being 29 per cent. in excess in 1910 against 24 in 1909. In 1908, the period three to six months had a rate 81 per cent. in excess of that of the town, and the period one to three months 71 per cent., the whole rate being 47 per cent. above the town rate. In 1907 it was again from the third to the sixth month that the greatest excess occurred, but that was only one of 52 per cent. The mortality, however, had been 51 per cent. above the town rate in the first week. In 1906 on the other hand, the mortality was actually lower during the first week and first month than that of the town—the greatest excess of infantile mortality having occurred in the last three months of the first year of life. In 1905 it was again from the thirteenth to the twenty-sixth week that the mortality was greatest, 65 per cent. in

excess of that of the town, though it was high, 52 per cent. above, in the three previous months. It was also high, 40 per cent. above, from the twenty-sixth to the thirty-ninth week, but in the last three months of the year in 1905 the mortality was less than that of the town.

In the six years already spoken of the births in Chapeltown and Bramley were together 8,750, the deaths in children under one 826, making a rate per thousand of 94. During the same six years in the whole City the rate was 139. The rate in the two outside districts was thus 32 per cent. below that of the City in children dying in the first year. In those who died under the first month, the rate in the whole City was 45, in Bramley and Chapeltown together it was 39, or 13 per cent. below that of the City. In those children who had lived their first four weeks but had not reached their second year the rate in Chapeltown and Bramley was 56, whereas the rate in the whole City was 94, a difference of 41 per cent. below that of the City. This again emphasises the fact that in the healthy districts it is after the first month that the greater diminution in fatality is obtained.

Separating these figures into two periods of three years each, the rate in the first period for all children under one year was, in these two districts combined, 98, against 145, the rate for the City, or 32 per cent. below that of the City in the period. Under one month it was 38 per thousand births registered, whilst that of the City was 45; nearly 16 per cent. below that of the City. After the first month the rate in the first period was 61, that in the City 101. Forty per cent. less. The children who died between fourth and fifty-third weeks of age, therefore, did so at a rate 40 per cent. less than that of the whole City.

In the remaining three years the numbers were as follows: All deaths under one, 91 per thousand in the two districts, in the City 132, or 31 per cent. in favour of the districts. In the first month of life the rate in the two districts during the second three years was 40, in Leeds 45, a difference of 11 per cent. in favour of the districts. In children dying in the other twelve

lunar months the two districts had a rate of 51, the rate for the City in the same period being 87, a difference of 41 per cent. Some of these figures I propose to put in the form of a table.

South East Leeds.—The South East district has been remarked upon in previous years. In 1910 the rate under one week was 6 per cent. above that of the City. The previous year, 1909, it was also 6 per cent. above that of the City, whilst in the same years the excess for the whole twelve months was 29 and 24 respectively. In both years the rate in South East Leeds was in excess of the City rate at all the six age periods considered.

In the South-East district during the six years 1905-10, 1,310 children died (excluding outsiders) under the age of 12 months. This was equivalent to a rate on the births registered during the same period of 183 per 1,000. Of the 1,310, 357 were less than four weeks old at the time of death, and 953 more than four weeks, equivalent to rates on the births in this district of 50 and 133 respectively.

During the same six years the corresponding rates in the whole City (omitting institution births and the deaths of outsiders) were 139, 45, and 94 per 1,000 births respectively. During these six years, therefore, the infantile death-rate in South-East Leeds was 32 per cent. in excess of that of the whole City. In children under one month the excess was 12 per cent., in those between one and twelve months 41.

In the three earlier years of the six, the rates in South-East Leeds were 189, 51 and 138, against rates in the whole City during the same three years of 145 at all ages under 12 months, 45 in the first four weeks, and 101 in the other forty-eight. The excess in the South-East was 30 per cent. under one, 13 in the first lunar month, and 37 per cent. in the other twelve.

In the three later years the infantile deaths were 613 in South-East Leeds, of which 169 were in those under four weeks and 444 above. On the 3,473 births registered during the same

period (a considerable diminution as compared with the earlier years) the rates per 1,000 were 177 for the twelve month period, 49 for the four weeks, and 128 for the remaining deaths under one. In the City for the same years the corresponding rates were 132, 45 and 87. These figures as means for the period give the excess in South-East as compared with the whole City of 34 per cent. at all ages under one year, of a little under 9 per cent. in those not surviving four weeks, and quite 47 per cent. in those who died between the fourth and the fifty-third week.

Table showing, for the whole City, for the combined Bramley and Chapeltown District, and for the district of South-East Leeds, births and deaths of children under one year of age for the six years 1905-10. Showing also the rate per 1,000 born and the excess or otherwise of the districts over or under the City rate. Showing also similar figures for those who died in the first four weeks of life and those between four weeks and twelve months of age. Also showing for the deaths under one year of age the rates in the three earlier and three later years of the six.

	Bramley and Chapeltown.	City.	South-East Leeds.
Births in six years, 1905-10.. ..	8,750	69,439	7,159
Deaths under one year of age	826	9,642	1,310
Rate per thousand born	94	139	183
<i>Per cent. over or under City rate</i> ..	- 32	..	+ 32
Deaths under four weeks	338	3,104	357
Rate per thousand born (6 years) ..	39	45	50
<i>Per cent. over or under City rate</i> ..	- 13	..	+ 12
Deaths over four and under 53 wks.	488	6,538	953
Rate per thousand born (6 years) ..	56	94	133
<i>Per cent. over or under City rate</i> ..	- 41	..	+ 41
Births in three years, 1905-7	4,408	35,839	3,686
Deaths under one year	433	5,214	697
Rate per thousand born	98	145	189
<i>Per cent. over or under City rate</i> ..	- 32	..	+ 30
Births in three years, 1908-10	4,342	33,600	3,473
Deaths under one year	393	4,428	613
Rate per thousand born	91	132	177
<i>Per cent. over or under City rate</i> ..	- 31	..	+ 34

Percentages above or below City rates, although expressed in whole numbers, have been calculated on rates to one place of decimals.

Deaths of outsiders and births in hospitals excluded.

LEEDS, 1910.

15th June, 1911.

REVISED SINCE THE CENSUS.

In the 52 weeks ended 31st December, 1910, the following births and deaths were registered, and cases of infectious diseases reported.

Population re-estimated	...	...	...	...	444,323
Acreage	...	...	...	...	21,572
Births registered	...	10,867	Birth rate per thousand	...	24.5
Average birth rate, ten years, 1900-1909 ‡	...	...	...	...	28.5
Deaths (all ages)	...	6,790	Death rate per thousand	...	15.3
(R.G. 6,691 = 15.1).*					
Average death rate, ten years, 1900-1909 ‡	...	...	...	...	17.5
Deaths (under 1 year)...	1,446	Ratio to 1,000 births	...	...	133

	Total deaths. (52 weeks).	Death rate per thousand.		Cases notified. 1910.
		1910.	1900-1909.	
1. Small-pox ...	...	...	0.01	...
2. Measles ...	160	0.36	0.44	279 ||
3. Scarlatina ...	42	0.09	0.12	1,749
4. { Diphtheria ...	64	0.14	0.20	935
{ Memb. croup ...	6	0.01	0.02	13
{ Other croups ...	4	0.01	0.01	2 ||
5. Whooping cough ...	150	0.34	0.34	...
6. { Typhus ...	...	...	0.00	...
{ Typhoid ...	21	0.05	0.13	105
{ Ctd. fever ...	...	...	0.00	...
{ Puer. septicaemia ...	14	0.03	0.03	28
{ Erysipelas ...	20	0.05	0.03	339
7. Diarrhoea ...	199	0.45	0.82	...
Enteritis, gastro enteritis ...	82	0.19	0.22	...
Cholera (English) ...	2	0.00	0.00	...
Phthisis ...	510	1.15	1.35	1,012 §
Other tuberculous diseases	241	0.54	0.73	...
Seven commoner zymotics (including mem. croup) }	642	1.45	2.09	...
Bronchitis }	1,170	2.64	3.05	...
Pneumonia }				
Pleurisy }				
Other lung diseases (without influenza) }	72	0.16	0.18	...
Malignant growths ...	447	1.01	0.93	...
Violence and accident ...	279	0.63	0.62	...

* The R.G. excludes deaths of non-municipal paupers. He also adds those of Leeds persons dying in Public Institutions outside. The rates 15.3 and 17.5 are calculated on the larger numbers.

‡ Re-calculated on average population, non-residents not excluded.

|| Means not notifiable. § Notification voluntary except as to paupers.

This table is not the one in the preliminary report.

TABLE 6.

Mortality from tuberculosis, 1910.

1910.	Tuberculosis, general and undefined.	Phthisis.	Hydro- cephalus.	Tuberculous meningitis.	Tuberculous peritonitis.	Tuberculous mesenterica.	Scrofula.	TOTAL.
I. Quarter	21	124	2	15	11	5	1	179
II. do. ...	27	129	...	22	11	5	...	194
III. do. ...	24	100	2	13	9	11	...	159
IV. do. ...	21	157	2	17	9	12	1	219
Year (52 weeks)...	93	510	6	67	40	33	2	751
Annual death- rate, 52 weeks of 1910 ...	0.19	1.04	0.01	0.14	0.08	0.07	0.00	1.53

N.B.—The results of the census since this table was printed make it probable that the above rates are about 10.5 per cent. too low. The further consideration of this matter has been postponed till the district populations are published.

TABLE 6 a.

Shewing deaths from each of certain groups of tuberculous diseases in the 52 or 53 week periods of the years 1890-1910, and the populations of those years estimated from the changing ratios of the 1881-91, and 1891-1901 intercensal periods.

YEAR.	Population by interpolation.	General or undefined.	Phthisis.	Hydrocephalus.	Tuberculous meningitis.	Tuberculous peritonitis.	Tabes mesenterica.	Scrofula.	TOTAL.
1890*	363,018	92	612	20	92	14	92	6	928
1891	369,034	84	657	18	72	25	102	9	967
1892	375,081	84	530	14	65	14	93	9	809
1893	381,157	99	648	17	67	32	86	12	961
1894	387,259	79	576	9	72	18	61	13	828
1895	393,387	114	611	16	77	15	90	2	925
1896*	399,535	66	613	15	74	22	73	10	873
1897	405,716	102	589	14	91	36	99	2	933
1898	411,895	96	576	17	73	26	98	3	889
1899	418,101	86	596	9	102	33	80	1	907
1900	424,322	101	605	12	94	48	87	1	948
1901	430,555	107	605	7	75	46	136	...	976
1902*	436,800	109	584	4	100	36	80	3	916
1903	443,052	100	562	8	106	37	82	1	896
1904	449,311	137	626	8	88	43	93	...	995
1905	455,573	106	558	10	85	39	48	...	846
1906	461,837	113	570	10	82	43	58	3	879
1907	468,101	95	605	13	82	35	24	...	854
1908*	474,361	115	621	13	71	60	42	...	922
1909	480,616	105	548	11	69	37	52	...	822
1910	486,863	93	510	6	67	40	33	2	751

* 1890, 1896, 1902, and 1908 were 53 week years, the others 52.

TABLE 6 b.

Shewing deaths from different forms of tuberculosis since 1890 per 1,000 of the population.

YEAR.	General or undefined.	Phthisis.	Hydrocephalus.	Tuberculous meningitis.	Tuberculous peritonitis.	Tabes mesenterica.	Scrofula.	TOTAL.
1890*	'25	1'66	'05	'25	'04	'25	'02	2'52
1891	'23	1'79	'05	'20	'07	'28	'02	2'63
1892	'22	1'42	'04	'17	'04	'25	'02	2'16
1893	'26	1'71	'04	'18	'08	'23	'03	2'53
1894	'20	1'49	'02	'19	'05	'16	'03	2'15
1895	'29	1'56	'04	'20	'04	'23	'01	2'36
1891 } 1895 }	'24	1'59	'04	'19	'05	'23	'02	2'37
1896*	'16	1'51	'04	'18	'05	'18	'02	2'15
1897	'25	1'46	'03	'23	'09	'24	'00	2'31
1898	'23	1'40	'04	'18	'06	'24	'01	2'17
1899	'21	1'43	'02	'24	'08	'19	'00	2'18
1900	'24	1'43	'03	'22	'11	'21	'00	2'24
1896 } 1900 }	'22	1'45	'03	'21	'08	'21	'01	2'21
1901	'25	1'41	'02	'17	'11	'32	...	2'27
1902*	'25	1'31	'01	'23	'08	'18	'01	2'06
1903	'23	1'27	'02	'24	'08	'19	'00	2'03
1904	'31	1'40	'02	'20	'10	'21	...	2'22
1905	'23	1'23	'02	'19	'09	'11	...	1'86
1901 } 1905 }	'25	1'32	'02	'20	'09	'20	'00	2'09
1906	'24	1'23	'02	'18	'09	'13	'01	1'90
1907	'20	1'29	'03	'17	'07	'05	...	1'82
1908*	'24	1'28	'03	'15	'12	'09	...	1'90
1909	'22	1'14	'02	'14	'08	'11	...	1'70
1910	'19	1'04	'01	'14	'08	'07	'00	1'53

* 1890, 1896, 1902, and 1908 were 53 week years, the others 52. The death rates in each case are calculated on a year containing 52'17747 weeks. The rates for 1910 are calculated on a population of 490,985 in this table, as in the report generally, if calculated upon the interpolation population given in table 6a the total death rate from the whole group becomes 1'55 instead of 1'53.

TABLE 6 c.

Table showing deaths from phthisis at all and at certain ages, and death rates at all ages in the intercepts of the wards and townships of Leeds in the year 1910 (52 weeks).

				AGE.			TOTAL.	Deaths per 1,000.
				-25.	25-50.	50+.		
HOLBECK ...	Holbeck ...	...	...	5	20	6	31	0.91
	West Hunslet ...	...	...	2	7	1	10	2.58
HUNSLET ...	West Hunslet ...	...	...	3	9	4	16	0.52
	East Hunslet ...	...	...	15	18	5	38	0.92
	South ...	...	...	2	2	2	6	0.65
SOUTH-EAST LEEDS	South ...	} 4.24 {	...	...	8	3	11	2.84
	Central ...		...	...	5	4	9	10.73
	East ...		...	16	20	8	44	1.43
OSMONDTHORPE	East ...	} 1.72 {	...	...	...	1	1	3.00
CHAPELTOWN... (part of)	North-East ...		...	8	10	2	20	1.68
	North } Chap. + All. } Pottern'tn }	...	1	...	1	2	0.35	
		...	2	8	3	13	0.49	
NORTH LEEDS	North ...	...	...	8	7	3	18	0.99
	North-East...	...	...	10	20	7	37	1.68
	Central ...	} 1.30 {	...	2	15	7	24	1.31
	Central in West ...		...	...	...	...	...	
WORTLEY ...	New Wortley ...	...	...	5	7	1	13	0.71
	{ Armley ...	} 0.72 {	...	11	12	4	27	0.76
	{ Wortley ...		...	3	3	...	6	0.60
	Farnley ...		...	1	...	1	2	0.39
BRAMLEY ...	Bramley ...	...	...	5	5	4	14	0.71
KIRKSTALL ..	Kirkstall ...	} 0.83 {	...	1	2	1	4	0.86
	Burley ...		...	9	17	7	33	0.99
	Headingley ...		...	1	5	1	7	0.48
CHAPELTOWN... (part of)	Headingley ...	} 0.40 {	...	...	1	1	2	1.37
	North-West ...		...	...	...	...	...	...
	Brunswick ...		...	...	...	...	...	...
WEST ...	Brunswick ...	...	...	4	14	11	29	1.47
	North-West ...	...	...	5	17	8	30	0.83
	Mill Hill ...	...	...	1	4	9	14	2.18
	West ...	...	...	12	17	15	44	1.88
CITY ...	...	...	...	132	253	120	505	1.03
	Outsiders ...	...	...	...	4	1	5	...

The rates as printed will require revision when the complete results of the recent census are available.

**Deaths from Phthisis and cases reported voluntarily
1902-1910.**

YEAR.	DEATHS FROM PHTHISIS.	CASES REPORTED.
1902*	584	452
1903	562	586
1904	626	631
1905	558	555
1906	570	720
1907	605	563
1908*	621	592
1909†	548	934
1910†	510	1012

* 53 week years, others 52.

† Includes compulsory notification of Poor Law cases. Duplicate notifications as far as possible left out.

TABLE 7.

Deaths from lung diseases, grouped according to nature of disease, and under age groups used for phthisis in certain tables.

1910.	-25.	25-50.	50 +	TOTALS.
Phthisis	132	257	121	510
Bronchitis	207	43	294	544
Broncho-pneumonia	240	14	21	275
Pneumonia and pleuro-pneumonia ..	110	113	105	328
Pleurisy	...	7	16	23
Other lung diseases	19	13	40	72
Totals	708	447	597	1,752

TABLE 12.

Showing cases of Scarlet Fever heard of in Leeds during the twenty-one years, 1890-1910, with the numbers admitted to the city fever hospital and the deaths in the city and in hospital; showing also for biennial periods the relations to the population of the deaths in the city, and the admissions to hospital.

	Cases. †		Deaths.		Per 1,000 living (Annual rates).	
	Heard of.	Admitted to hospital.	City.	Hospital.	Deaths in city.	Cases in hospital.
1890	337	133	103	23	} 0·23	0·39
1891	328	152	66	18		
1892	812	440	74	19	} 0·14	0·83
1893	316	188	31	6		
1894*	967	453	52	18	} 0·13	1·21
1895	874	493	52	29		
1896	1,216	441	72	20	} 0·21	1·26
1897	1,791	576	95	27		
1898	2,002	532	121	25	} 0·22	1·43
1899	1,620	649	64	21		
1900	1,745	722	52	21	} 0·16	2·07
1901	2,280	1,038	82	39		
1902	1,962	1,041	56	23	} 0·19	2·37
1903	2,465	1,063	109	36		
1904	1,295	850	59	34	} 0·11	1·74
1905	935	720	39	30		
1906	1,029	796	33	25	} 0·09	1·76
1907	1,012	846	54	47		
1908	658	524	14	11	} 0·03	1·57
1909	1,177	996	12	12		
1910	1,749	1501	42	32		

* Notification became compulsory in May, 1894.

† "Cases heard of" does not include one fatal in the third quarter of 1894 (included, however, in the 52 deaths), of which we had no information till we received the Registrar's returns. Similarly one death in 1895, another in 1896, two in 1897, one in 1900, one in 1901, one in 1903, two in 1906, and one in 1910, are included in the death column, but not in that of cases heard of. Before May, 1894, there were, of course, many such.

TABLE 12 a.

Showing deaths from Scarlet Fever in Leeds during four periods of ten years each.

Periods.	Deaths.	Deaths per 1,000.*	Fall per cent. on rate of preceding period.
Ten years 1870-79 ...	3,090	1'09	...
Ten years 1880-89 ...	2,255	0'68	38
Ten years 1890-99 ...	725	0'19	72
Ten years 1900-09 ...	506	0'11	42
One year 1910 ...	41	0'08	...

* The rate 1'09 is probably somewhat lower than the real rate for the period. It is calculated on an over-estimated population, and should probably be 1'11. As, however, the recent populations are mere estimates, the figure has been allowed to stand. The deaths are in each line those given by the Registrar General, which differ slightly in recent years from our own returns. The rates are recalculated from results of last census, as explained at pp. 69-71 of the Annual Report for 1902, where this matter was discussed.

TABLE 12 b.

Cases of scarlet fever reported in each quarter since 1894.

YEAR.	I. QUARTER.		II. QUARTER.		III. QUARTER.		IV. QUARTER.		YEAR TOTAL.	
	Heard of.	Hospit- alled.	Heard of.	Hospit- alled.	Heard of.	Hospit- alled.	Heard of.	Hospit- alled.	Heard of.	Hospit- alled.
1895	145	77	115	70	296	177	318	169	874	493
1896*	167	88	144	75	373†	137	532	141	1,216	441
1897	399	176	307	139	473	138	612	123	1,791	576
1898	580	109	521	145	491	123	410	155	2,002	532
1899	387	151	352	169	411	197	470	132	1,620	649
1900	340	122	337	145	389	204	679	251	1,745	722
1901	471	248	538	255	598	272	673	263	2,280	1,038
1902*	442	223	431	227	465	279	624†	312	1,962	1,041
1903	634	252	716	256	612	285	503	270	2,465	1,063
1904	323	220	300	197	320	188	352	245	1,295	850
1905	284	217	195	148	199	153	257	202	935	720
1906	201	148	241	176	312	259	275	213	1,029	796
1907	214	176	246	201	285	236	267	233	1,012	846
1908*	223	186	192	153	128†	97	115	88	658	524
1909	166	131	210	184	296	272	505	409	1,177	996
Average of 15 years	332	168	323	169	377	201	439	214	1,471	752
1910	372	306	439	367	360	326	578	502	1,749	1,501

* 53 week years, the others 52. † 14 week quarters, the others 13.

TABLE 13.

Deaths in Leeds during twenty-one years 1890-1910 certified from diphtheria, membranous croup, "croup," and laryngitis with death rates of the group.

YEAR.	Population.	Diph- theria.	Mem- branous Croup.	"Croup."	Laryn- gitis, &c.	TOTALS.	
						Deaths.	Rate per 1,000 living.
1890*	363,018	24	—	32	26	82	0·22
1891	369,034	16	2	29	23	70	0·19
1892	375,081	29	1	48	35	113	0·30
1893	381,157	59	7	63	58	187	0·49
1894	387,259	60	15	52	41	168	0·44
1895	393,387	39	30	16	16	101	0·26
1896*	399,535	39	11	24	20	94	0·23
1897	405,716	51	23	17	24	115	0·28
1898	411,895	203	26	23	19	271	0·66
1899	418,101	299	36	14	24	373	0·90
1900	424,322	235	21	6	17	279	0·66
1901	430,575	163	12	18	14	207	0·48
1902*	437,036	82	14	6	15	117	0·26
1903	443,559	61	4	11	10	86	0·19
1904	450,142	40	10	10	17	77	0·17
1905	456,787	38	6	6	8	58	0·13
1906	463,495	76	8	5	17	106	0·23
1907	470,268	66	3	3	10	82	0·17
1908*	477,107	49	1	2	4	56	0·12
1909	484,012	61	4	5	10	80	0·17
1910	490,985	64	6	4	8	82	0·17

* 53 week years, the others 52.

Population 1890 to 1900 by interpolation from data of three censuses. Since 1901 by Registrar-General's method of estimation.

TABLE 17.

Causes of, and ages at, death during year (52 weeks) 1910.

CAUSES OF DEATH.	Net Deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total deaths whether of "Residents" or "Non-Residents" in Institutions in the district.
	All Ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and up- wards.	
Certified ..	6705	1431	483	359	259	264	2387		1523	..
Uncertified ..	5	2	1	..	..	..	2		..	..
Enteric Fever ..	21	..	..	..	3	4	14		..	12
Smallpox ..	..	..	..	..	..	..	..		..	..
Measles ..	160	28	63	52	12	..	..		..	7
Scarlet Fever ..	41	1	2	18	18	1	1		..	32
Whooping Cough ..	150	64	50	33	3	..	..		..	3
Diphtheria and Croup	74	3	13	26	21	1	..		..	45
Influenza ..	68	1	1	..	2	3	30		31	10
Erysipelas ..	19	3	..	..	..	..	14		2	9
Cerebro-Spinal Fever	..	..	..	..	..	..	..		..	..
Phthisis (Pulmonary Tuberculosis)	526	4	3	5	31	90	358		35	152
Tub. Meng. and Acute Hydroceph.	66	10	14	23	12	5	2		..	9
Other Tuberculous Diseases	171	45	20	28	35	10	32		1	34
Rheumatic Fever ..	6	..	..	..	..	3	3		..	..
Acute and Sub-Acute Rheumatism ..	10	..	..	..	4	1	4		1	1
Cancer, malignant disease ..	397	1	1	2	1	4	265		123	125
Bronchitis ..	541	127	48	24	3	5	146		188	29
Broncho-pneumonia ..	276	97	91	44	5	2	31		6	15
Pneumonia (all other forms) ..	332	28	23	23	14	20	183		41	65
Other diseases of Respiratory organs	97	4	6	6	1	3	47		30	24
Diarrhoea ..	201	137	38	9	2	1	3		11	2
Enteritis ..	82	58	19	1	..	..	..		4	2
Appendicitis and Typhlitis ..	32	..	..	2	8	9	11		2	30
Alcoholism ..	13	..	..	..	..	..	13		..	3
Cirrhosis of Liver ..	31	..	..	..	..	1	28		2	4
Nephritis and Bright's Disease	135	..	..	1	1	6	88		39	24
Puerperal Fever ..	13	..	..	..	..	4	9		..	7
Other accidents and diseases of Preg- nancy and Partur- ition ..	33	..	..	..	..	6	27		..	8
Congenital Debility and Malformation including Prema- ture Birth ..	513	485	20	8	..	..	..		..	45
Violent Deaths excluding Suicide	200	26	7	16	20	12	82		37	83
Suicides ..	64	..	..	..	1	9	51		3	15
Other Defined Diseases	2439	311	60	38	52	64	947		967	554
Diseases ill-defined or unknown ..	..	..	..	..	..	..	..		..	..
	6711	1433	484	359	259	264	2389		1523	1349

TABLE 18.
Cases of infectious diseases notified during the year 1910.
Cases notified in whole district.

[illegible]

TABLE 18—continued.

Cases of infectious diseases notified during the year 1910.
Cases notified in whole district.

Notifiable disease.	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	65 up-wds.
Small-pox. I.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
III.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IV.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera. I.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
III.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IV.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria. I.	8	3	2	1	1	1	1	..	17	..	..	..	..	..	..	..
II.	14	4	..	4	1	1	..	..	24	..	..	..	..	..	..	..
III.	11	6	3	1	..	..	..	1	22	..	..	..	..	..	..	..
IV.	8	3	7	2	1	1	..	..	22	..	..	..	..	..	..	..
Totals ..	41	16	12	8	3	3	1	1	85	..	..	..	..	..	..	..
Membr. Croup. I.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
III.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IV.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas. I.	9	3	11	10	8	12	11	12	76	3	3	1	2	1	..	10
II.	5	11	2	6	7	6	9	6	52	6	2	1	..	..	..	9
III.	2	8	7	12	5	5	3	3	45	2	3	1	1	..	..	7
IV.	6	6	9	8	14	10	6	11	70	3	..	1	1	..	..	5
Totals ..	22	28	29	36	34	33	29	32	243	14	8	4	4	1	..	31
Scarlet fever. I.	10	5	1	..	..	..	1	..	17	..	..	..	..	..	..	..
II.	7	7	5	1	..	..	..	..	20	..	..	..	..	..	..	..
III.	8	3	2	1	..	1	..	..	15	..	..	..	..	..	..	..
IV.	7	1	4	2	..	..	..	..	14	..	..	..	..	..	..	..
Totals ..	32	16	12	4	..	1	1	..	66	..	..	..	..	..	..	..
Typhus fever. I.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
III.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IV.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric fever. I.	8	3	4	1	1	..	1	..	18	..	..	..	..	..	..	..
II.	1	2	2	2	2	..	..	1	10	..	..	..	..	..	..	..
III.	4	4	1	1	1	2	..	..	13	..	..	..	..	..	..	..
IV.	1	2	2	6	2	1	..	1	15	1	..	..	..	..	..	1
Totals ..	14	11	9	10	6	3	1	2	56	1	..	..	..	..	..	1
Relapsing fever. I.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
III.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IV.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued fever. I.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
III.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IV.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal fever. I.	5	2	..	..	..	..	..	..	7	..	..	..	..	..	..	..
II.	4	3	1	..	..	..	..	..	8	..	..	..	..	..	..	..
III.	2	..	1	..	..	..	..	..	3	..	..	..	..	..	..	..
IV.	2	..	..	1	..	..	..	..	3	..	..	..	..	..	..	..
Totals ..	13	5	2	1	..	..	..	..	21	..	..	..	..	..	..	..
Plague. I.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
III.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IV.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE 19.

Table shewing deaths in the four quarters of 1910, for each Municipal Ward, with the estimated population and the death-rate of the ward for the Year.

MUNICIPAL WARDS.	Population, estimated to middle of 1910.	First quarter, 1910.	Second quarter, 1910.	Third quarter, 1910.	Fourth quarter, 1910.	Fifty- two weeks.	Death- rate.
Central	19,337	68	67	43	49	227	11.78
North	50,547	157	128	118	156	559	11.10
North-East	33,968	139	132	144	143	558	16.48
East	31,121	162	165	170	204	701	22.60
South	13,143	71	59	59	65	254	19.39
East Hunslet ...	41,344	122	129	114	153	518	12.57
West Hunslet ...	34,697	111	115	117	118	461	13.33
Holbeck	34,062	110	105	130	118	463	13.64
Mill Hill	6,439	23	24	23	35	105	16.36
West	23,465	101	110	86	122	419	17.92
North-West... ..	36,207	109	88	108	109	414	11.47
Brunswick	23,262	86	61	61	99	307	13.24
New Wortley ...	18,301	67	96	62	72	297	16.28
Armley & Wortley	45,796	142	119	102	116	479	10.50
Bramley	24,240	82	68	60	69	279	11.23
Headingley	54,356	147	122	102	150	521	9.62
Outsiders	...	60	52	57	59	228	..
Totals	490,985	1,757	1,640	1,556	1,837	6,790	13.88

The rates are calculated on populations estimated by the Registrar General's method, described at p. 88 of the Annual for 1904.

TABLE 20.

Shewing the number of deaths from certain specific causes and groups of causes in the 52 weeks of 1910 in the Sub-Registration Districts in the City of Leeds. All deaths in public institutions within the City of persons belonging to the City have been referred to the Sub-District to which they belonged.

	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Whooping-cough.	"Fever."	Diarrhoea.	All seven.	CROUP.		Phthisis.	Influenza and diseases of the air-passages other than consumption.	All causes.
									Membranous.	Other non-spasmodic.			
Leeds, North	...	16	3	5	9	5	22	60	...	...	79	187	848
,, West	...	15	8	18	33	4	29	107	2	...	117	220	1202
,, South-E.	...	33	4	8	20	3	36	104	1	1	64	194	837
Hunslet	...	35	9	4	28	2	48	126	1	...	60	192	1024
Holbeck	...	16	2	5	12	...	30	65	...	2	41	115	564
Wortley	...	22	6	7	31	1	10	77	1	...	48	157	827
Kirkstall	...	12	4	10	7	2	9	44	1	...	44	86	500
Bramley	...	5	...	2	3	...	4	14	...	1	14	46	228
Chapelton	...	6	4	4	7	4	13	38	...	...	37	98	526
Osmondthorpe	...	...	...	...	...	...	...	...	...	...	1	1	6
City of Leeds	...	160	40	63	150	21	201	635	6	4	505	1296	6562

Two deaths from scarlet fever, 1 death from diphtheria, 5 deaths from phthisis, 14 from influenza and diseases of the air-passages other than consumption, and 206 deaths from other causes, occurred in the City of persons not belonging to Leeds; on the other hand 149 deaths occurred during the year of Leeds persons in West Riding Asylums and other public institutions, outside the City. Of these, 1 death was from scarlet fever, 21 were from phthisis, 17 from the lung groups, and 110 from other causes not given in table.

TABLE 21.

Shewing the mortality of the Sub-Districts stated in deaths per 1,000 of the population as estimated to the middle of 1910.

	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Whooping-cough.	"Fever."	Diarrhoea.	All seven.	CROUP.		Phthisis.	Influenza and diseases of the air-passages, other than consumption.	All causes.
									Membranous.	Other non-spasmodic.			
Leeds, North	...	0·27	0·05	0·09	0·15	0·09	0·38	1·03	...	...	1·35	3·20	14·51
„ West	...	0·18	0·09	0·21	0·39	0·05	0·34	1·26	0·02	...	1·37	2·57	14·02
„ S. E.	...	0·93	0·11	0·23	0·57	0·08	1·02	2·94	0·03	0·03	1·81	5·48	23·65
Hunslet	...	0·43	0·11	0·05	0·35	0·02	0·59	1·55	0·01	...	0·74	2·37	12·64
Holbeck	...	0·42	0·05	0·13	0·32	...	0·79	1·71	..	0·05	1·08	3·03	14·88
Wortley	...	0·32	0·09	0·10	0·45	0·01	0·14	1·12	0·01	...	0·70	2·28	11·99
Kirkstall	...	0·23	0·08	0·19	0·13	0·04	0·17	0·83	0·02	...	0·83	1·63	9·49
Bramley	...	0·25	...	0·10	0·15	...	0·20	0·71	...	0·05	0·71	2·33	11·54
Chapelton	...	0·12	0·08	0·08	0·14	0·08	0·27	0·78	...	...	0·75	2·00	10·73
Osmondthrp	...	...	...	...	...	...	...	...	...	...	3·00	3·00	18·03
City of Leeds	...	0·33	0·08	0·13	0·31	0·04	0·41	1·30	0·01	0·01	1·03	2·65	13·41

Two deaths from scarlet fever, 1 death from diphtheria, 5 deaths from phthisis, 14 from influenza and diseases of the air-passages other than consumption, and 206 deaths from other causes not mentioned in the table, occurred in the City of persons not belonging to Leeds.

For provisional populations used see table A. The value of individual rates is exceedingly small. Death-rate for whole City probably $10\frac{1}{2}$ per cent. too low.

TABLE 21a.
NORTH LEEDS.

Shewing for each year from 1890 to 1910 inclusive the births registered, the birth rate per thousand per annum, the deaths at all ages, and the death rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	60,436	2,345	38·2	1,495	24·4	387	165
1891	60,563	2,401	39·8	1,619	26·8	464	193
1892	60,564	2,405	39·8	1,355	22·4	422	175
1893	60,526	2,300	38·1	1,544	25·6	491	213
1894	60,456	2,310	38·3	1,273	21·1	398	172
1895	60,331	2,343	39·0	1,381	23·0	431	184
1896*	60,176	2,318	37·9	1,298	21·2	410	177
1897	59,997	2,338	39·1	1,436	24·0	456	195
1898	59,925	2,261	37·9	1,307	21·9	392	173
1899	59,658	2,234	37·6	1,260	21·2	356	159
1900	59,475	2,147	36·2	1,290	21·8	353	164
1901	59,257	2,096	35·5	1,324	22·4	394	188
1902*	59,166	2,100	34·9	1,161	19·3	325	155
1903	59,082	2,057	34·9	1,090	18·5	319	155
1904	59,004	1,875	31·9	1,149	19·5	356	190
1905	58,932	1,870	31·8	1,040	17·7	303	162
1906	58,866	1,758	30·0	1,010	17·2	281	160
1907	58,806	1,623	27·7	946	16·1	235	145
1908*	58,752	1,651	27·7	990	16·6	249	151
1909	58,704	1,461	25·0	869	14·9	190	130
Average of years 1900 to 1909 ...	59,004	1,864	31·6	1,087	18·4	300	161
1910	58,661	1,245	21·3	848	14·5	207	166

* The years 1890, 1896, 1902, 1908, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2. For the method of obtaining the populations see Annual 1906, page 109, and the annual report for 1901.

[Tables 21a to 21k contain the information asked for by the Local Government Board in their table II.]

TABLE 21b.
WEST LEEDS.

Shewing for each year from 1890 to 1910 inclusive the births registered, the birth rate per thousand per annum, the deaths at all ages, and the death rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	82,907	2,394	28·4	1,774	21·1	389	162
1891	83,558	2,417	29·0	1,726	20·7	445	184
1892	83,898	2,321	27·8	1,573	18·8	408	176
1893	84,157	2,270	27·1	1,735	20·7	453	200
1894	84,371	2,261	26·9	1,385	16·5	327	145
1895	84,519	2,166	25·7	1,675	19·9	436	201
1896*	84,545	2,253	26·2	1,534	17·9	387	172
1897	84,519	2,180	25·9	1,620	19·2	427	196
1898	84,415	2,339	27·8	1,683	20·0	439	188
1899	84,499	2,085	24·8	1,548	18·4	378	181
1900	84,455	2,214	26·3	1,662	19·7	427	193
1901	84,374	2,145	25·5	1,631	19·4	398	186
1902*	84,517	2,186	25·5	1,455	16·9	347	159
1903	84,670	1,994	23·6	1,332	15·8	304	152
1904	84,832	1,921	22·7	1,473	17·4	334	174
1905	85,005	1,905	22·5	1,290	15·2	285	150
1906	85,186	1,869	22·0	1,388	16·4	302	162
1907	85,376	1,809	21·3	1,328	15·6	220	122
1908*	85,576	1,975	22·7	1,312	15·1	247	125
1909	85,785	1,871	21·9	1,230	14·4	226	121
Average of years 1900 to 1909 ..	84,978	1,989	23·4	1,410	16·6	309	155
1910	86,003	2,056	24·0	1,202	14·0	230	112

* The years 1890, 1896, 1902, 1908, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2. For the method of obtaining the populations see Annual 1906, page 109, and the annual report for 1901.

[Tables 21a to 21k contain the information asked for by the Local Government Board in their table II.]

TABLE 21c.
SOUTH-EAST LEEDS.

Shewing for each year from 1890 to 1910 inclusive the births registered, the birth rate per thousand per annum, the deaths at all ages, and the death rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	33,147	1,279	38·0	922	27·4	255	199
1891	33,363	1,241	37·3	1,063	32·0	293	236
1892	33,502	1,310	39·2	814	24·4	266	203
1893	33,629	1,208	36·0	1,022	30·5	307	254
1894	33,736	1,240	36·9	771	22·9	218	176
1895	33,865	1,180	35·0	836	24·8	269	228
1896*	33,942	1,146	33·2	834	24·2	213	186
1897	34,022	1,183	34·9	896	26·4	284	240
1898	34,104	1,222	36·0	850	25·0	282	231
1899	34,161	1,207	35·5	824	24·2	241	200
1900	34,235	1,221	35·8	876	25·7	284	233
1901	34,327	1,100	32·2	881	25·8	288	262
1902*	34,444	1,227	35·1	819	23·4	255	208
1903	34,564	1,258	36·5	801	23·3	233	185
1904	34,688	1,254	36·3	928	26·8	294	234
1905	34,817	1,235	35·6	771	22·2	251	203
1906	34,949	1,240	35·6	844	24·2	233	188
1907	35,085	1,211	34·6	804	23·0	213	176
1908*	35,226	1,220	34·1	871	24·3	248	203
1909	35,370	1,132	32·1	752	21·3	173	153
Average of years 1900 to 1909 ..	34,771	1,210	34·8	835	24·0	247	204
1910	35,518	1,121	31·7	837	23·6	192	171

* The years 1890, 1896, 1902, 1908, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2. For the method of obtaining the populations see Annual 1906 page 109, and the annual report for 1901.

[Tables 21a to 21k contain the information asked for by the Local Government Board in their table II.]

TABLE 21d.
HUNSLET.

Shewing for each year from 1890 to 1910 inclusive the births registered, the birth rate per thousand per annum, the deaths at all ages, and the death rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	57,042	2,127	36·7	1,393	24·0	410	193
1891	58,515	2,231	38·3	1,307	22·4	380	170
1892	59,734	2,187	36·7	1,177	19·8	393	180
1893	60,903	2,203	36·3	1,347	22·2	482	219
1894	62,105	2,171	35·1	1,046	16·9	328	151
1895	63,290	2,190	34·7	1,314	20·8	446	204
1896*	64,414	2,141	32·7	1,273	19·5	380	177
1897	64,894	2,292	35·4	1,215	18·8	436	190
1898	66,086	2,198	33·4	1,149	17·4	401	182
1899	67,241	2,271	33·9	1,264	18·9	432	190
1900	68,329	2,296	33·7	1,481	21·7	450	196
1901	69,383	2,401	34·7	1,347	19·5	461	192
1902*	70,666	2,340	32·6	1,287	17·9	411	176
1903	71,959	2,282	31·8	1,120	15·6	387	170
1904	73,262	2,264	31·0	1,344	18·4	408	180
1905	74,576	2,140	28·8	1,080	14·5	342	160
1906	75,901	2,143	28·3	1,244	16·5	375	175
1907	77,237	1,994	25·9	1,147	14·9	278	139
1908*	78,584	2,056	25·8	1,176	14·7	331	161
1909	79,943	1,861	23·4	1,073	13·5	252	135
Average of years 1900 to 1909 ..	73,984	2,178	29·4	1,230	16·6	370	170
1910	81,313	1,829	22·6	1,024	12·6	256	140

* The years 1890, 1896, 1902, 1908, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2. For the method of obtaining the populations see Annual 1906, page 109, and the annual report for 1901.

[Tables 21a to 21k contain the information asked for by the Local Government Board in their table II.]

TABLE 21e.
HOLBECK.

Shewing for each year from 1890 to 1910 inclusive the births registered, the birth rate per thousand per annum, the deaths at all ages, and the death rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	23,168	798	33·9	568	24·1	145	182
1891	23,818	800	33·7	537	22·6	134	168
1892	24,410	837	34·4	522	21·5	133	159
1893	25,266	806	32·0	563	22·4	164	203
1894	26,035	866	33·4	497	19·2	163	188
1895	26,860	916	34·2	587	21·9	187	204
1896*	27,642	913	32·5	544	19·4	155	170
1897	29,026	997	34·5	602	20·8	213	214
1898	29,759	1,008	34·0	584	19·7	202	200
1899	30,425	1,063	35·1	674	22·2	180	169
1900	31,074	1,069	34·5	640	20·7	208	195
1901	31,741	1,055	33·4	679	21·5	221	209
1902*	32,421	1,106	33·6	589	17·9	187	169
1903	33,105	1,103	33·4	609	18·5	191	173
1904	33,795	1,108	32·9	630	18·7	197	178
1905	34,489	1,075	31·3	594	17·3	158	147
1906	35,189	1,007	28·7	595	17·0	185	184
1907	35,893	1,055	29·5	537	15·0	141	134
1908*	36,604	1,029	27·7	637	17·1	139	135
1909	37,320	1,004	27·0	544	14·6	118	118
Average of years 1900 to 1909 ..	34,163	1,061	31·0	605	17·7	175	164
1910	38,042	1,004	26·5	564	14·9	157	156

* The years 1890, 1896, 1902, 1908, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2. For the method of obtaining the populations see Annual 1906, page 109, and the annual report for 1901.

[Tables 21a to 21k contain the information asked for by the Local Government Board in their table II.]

TABLE 21f.
WORTLEY.

Shewing for each year from 1890 to 1910 inclusive the births registered, the birth rate per thousand per annum, the deaths at all ages, and the death rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	48,631	1,699	34.4	1,015	20.5	277	163
1891	49,722	1,658	33.5	1,070	21.6	271	163
1892	50,815	1,683	33.2	954	18.8	279	166
1893	51,868	1,658	32.1	996	19.3	319	192
1894	52,943	1,702	32.3	925	17.5	274	161
1895	54,004	1,662	30.9	1,054	19.6	311	187
1896*	55,008	1,723	30.8	950	17.0	316	183
1897	55,969	1,765	31.6	1,028	18.4	299	169
1898	56,948	1,755	30.9	1,108	19.5	325	185
1899	57,916	1,777	30.8	1,108	19.2	338	190
1900	58,770	1,805	30.8	1,143	19.5	309	171
1901	59,585	1,790	30.1	1,045	17.6	315	176
1902*	60,618	1,863	30.3	1,049	17.0	317	170
1903	61,660	1,760	28.6	1,010	16.4	269	153
1904	62,710	1,666	26.7	1,100	17.6	292	175
1905	63,769	1,653	26.0	943	14.8	245	148
1906	64,837	1,616	25.0	917	14.2	225	139
1907	65,915	1,509	23.0	974	14.8	206	137
1908*	67,002	1,497	22.0	948	13.9	189	126
1909	68,099	1,356	20.0	845	12.5	175	129
Average of years 1900 to 1909 ..	63,297	1,652	26.1	997	15.8	254	154
1910	69,206	1,277	18.5	827	12.0	186	146

* The years 1890, 1896, 1902, 1908, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2. For the method of obtaining the populations see Annual 1906, page 109, and the annual report for 1901.

[Tables 21a to 21k contain the information asked for by the Local Government Board in their table II.]

TABLE 21g.
KIRKSTALL.

Shewing for each year from 1890 to 1910 inclusive the births registered, the birth rate per thousand per annum, the deaths at all ages, and the death rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	29,307	923	31·0	543	18·2	147	159
1891	30,243	908	30·1	517	17·2	125	138
1892	31,538	926	29·5	420	13·4	98	106
1893	32,787	994	30·4	605	18·5	177	178
1894	34,063	946	27·9	471	13·9	120	127
1895	35,326	1,039	29·5	561	15·9	179	172
1896*	36,510	1,040	28·0	537	14·5	118	113
1897	37,639	1,026	27·4	576	15·4	153	149
1898	38,779	1,081	28·0	548	14·2	159	147
1899	39,875	1,067	26·9	602	15·1	148	139
1900	40,889	1,085	26·6	661	16·2	191	176
1901	41,859	1,027	24·6	535	12·8	148	144
1902*	43,055	1,098	25·1	560	12·8	112	102
1903	44,258	1,101	25·0	526	11·9	124	113
1904	45,468	1,069	23·6	551	12·2	143	134
1905	46,686	981	21·1	511	11·0	119	121
1906	47,911	1,020	21·4	513	10·7	99	97
1907	49,144	962	19·6	556	11·4	81	84
1908*	50,385	999	19·5	542	10·6	100	100
1909	51,635	944	18·3	525	10·2	84	89
Average of years 1900 to 1909 ..	46,129	1,029	22·3	548	11·9	120	117
1910	52,894	912	17·3	500	9·5	84	92

* The years 1890, 1896, 1902, 1908, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2. For the method of obtaining the populations see Annual 1906, page 109, and the annual report for 1901.

[Tables 21a to 21k contain the information asked for by the Local Government Board in their table II.]

TABLE 21 h.
BRAMLEY.

Shewing for each year from 1890 to 1910 inclusive the births registered, the birth rate per thousand per annum, the deaths at all ages, and the death rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	14,526	453	30·7	338	22·9	78	172
1891	14,867	497	33·5	260	17·5	50	101
1892	15,203	460	30·4	256	16·9	60	130
1893	15,515	462	29·9	312	20·2	89	193
1894	15,820	506	32·1	215	13·6	66	130
1895	16,109	468	29·2	273	17·0	70	150
1896*	16,351	481	29·0	280	16·9	82	170
1897	16,568	483	29·3	273	16·5	71	147
1898	16,798	444	26·5	298	17·8	85	191
1899	17,003	496	29·3	315	18·6	56	113
1900	17,188	449	26·2	262	15·3	66	147
1901	17,365	479	27·7	256	14·8	78	163
1902*	17,628	456	25·5	274	15·3	59	129
1903	17,895	491	27·5	259	14·5	56	114
1904	18,164	470	26·0	290	16·0	68	145
1905	18,435	459	25·0	246	13·4	47	102
1906	18,709	465	24·9	233	12·5	44	95
1907	18,986	458	24·2	260	13·7	58	127
1908*	19,265	476	24·3	276	14·1	36	76
1909	19,547	405	20·8	278	14·3	40	99
Average of years 1890 to 1909 ..	18,318	461	25·1	263	14·4	55	120
1910	19,831	390	19·7	228	11·5	35	90

* The years 1890, 1896, 1902, 1908, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2. For the method of obtaining the populations see Annual 1906, page 109, and the annual report for 1901.

[Tables 21a to 21k contain the information asked for by the Local Government Board in their table II.]

TABLE 21 i.
CHAPELTOWN.

Shewing for each year from 1890 to 1910 inclusive the births registered, the birth rate per thousand per annum, the deaths at all ages, and the death rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	13,420	308	22·6	185	13·6	32	104
1891	13,956	373	26·8	180	12·9	50	134
1892	14,994	403	27·0	201	13·4	49	122
1893	16,089	438	27·3	234	14·6	55	126
1894	17,319	488	28·3	203	11·8	47	96
1895	18,677	500	26·9	250	13·4	49	98
1896*	20,546	552	26·4	261	12·5	56	101
1897	22,686	638	28·2	321	14·2	106	166
1898	24,690	654	26·6	314	12·8	82	125
1899	26,936	735	27·4	322	12·0	82	112
1900	29,524	802	27·3	416	14·1	98	122
1901	32,306	796	24·7	409	12·7	114	143
1902*	34,148	860	24·8	403	11·6	89	103
1903	35,998	941	26·2	396	11·0	100	106
1904	37,856	930	24·7	454	12·0	106	114
1905	39,720	1,016	25·7	465	11·8	113	111
1906	41,594	964	23·3	471	11·4	82	85
1907	43,477	1,046	24·1	480	11·1	89	85
1908*	45,369	1,098	23·8	547	11·9	111	101
1909	47,270	952	20·2	534	11·3	85	89
Average of years 1900 to 1909 ..	38,726	941	24·3	458	11·8	99	105
1910	49,183	1,021	20·8	526	10·7	86	84

* The years 1890, 1896, 1902, 1908, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2. For the method of obtaining the populations see Annual 1906, page 109, and the annual report for 1901.

[Tables 21a to 21k contain the information asked for by the Local Government Board in their table II.]

TABLE 21k.
OSMONDTHORPE.

Shewing for each year from 1890 to 1910 inclusive the births registered, the birth rate per thousand per annum, the deaths at all ages, and the death rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	434	10	22·7	5	11·3	1	100
1891	429	12	28·1	6	14·0	..	..
1892	423	14	33·2	2	4·7	..	..
1893	417	9	21·7	7	16·8	1	111
1894	411	12	29·3	7	17·1	1	83
1895	406	14	34·6	3	7·4	1	71
1896*	401	6	14·7	10	24·6	2	333
1897	396	10	25·3	6	15·2	2	200
1898	391	9	23·1	13	33·4	2	222
1899	387	4	10·4	7	18·1	1	250
1900	383	3	7·9	4	10·5	1	333
1901	378	9	23·9	5	13·3	..	..
1902*	373	9	23·8	6	15·8	4	444
1903	368	9	24·5	7	19·1	2	222
1904	363	4	11·1	4	11·1	..	..
1905	358	3	8·4	6	16·8	..	..
1906	353	11	31·3	7	19·9	2	182
1907	349	11	31·6	7	20·1	2	182
1908*	344	6	17·2	7	20·0	2	333
1909	339	16	47·4	10	29·6	..	..
Average of years 1900 to 1909 ..	361	8	22·4	6	17·4	1	160
1910	334	12	36·1	6	18·0	..	..

* The years 1890, 1896, 1902, 1908, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2. For the method of obtaining the populations see Annual 1906, page 109, and the annual report for 1901. The population since 1901 is probably underestimated.

[Tables 21a to 21k contain the information asked for by the Local Government Board in their table II.]

TABLE 22.

Table showing deaths from all causes at all ages, and death rates at all ages in the intercepts of the wards and townships of Leeds for the year 1910 (52 weeks).

				Deaths, 1910.	Average death rate per thousand.
HOLBECK	Holbeck			463	13'64
	West Hunslet*... ..			101	26'05
HUNSLET	West Hunslet			360	11'73
	East Hunslet			518	12'60
	South			146	15'83
SOUTH-EAST LEEDS	South	30'12	{	108	27'86
	Central			34	40'55
	East			695	22'65
OSMONDTHORPE ...	East*	16'21	{	6	18'00
CHAPELTOWN (part of)	North-east*			192	16'16
	North { C. A.	8'27	{	54	9'33
	North { Pott.			212	8'04
NORTH LEEDS ...	North			293	16'08
	North-east			366	16'66
	Central	10'47	{	189	10'34
	Central in W.			4	25'09
WORTLEY	New Wortley			297	16'28
	Armley	10'50	{	349	9'79
	Wortley			130	13'03
	Farnley			51	10'02
BRAMLEY	Bramley			228	11'54
KIRKSTALL	Kirkstall	9'49	{	56	12'01
	Burley			320	9'59
	Headingley			124	8'44
CHAPELTOWN (part of)	Headingley	13'67	{	21	14'41
	North-west			1	13'77
	Brunswick			46	13'35
WEST	Brunswick			261	13'22
	North-west			413	11'47
	Mill Hill			105	16'36
	West			419	17'92
CITY ... ..	... ..			6,562	13'41
	Outsiders			228	...

*The rates are calculated on populations estimated by the Registrar General's method, described at p. 88 of the Annual for 1904. The rates for West Hunslet (in Holbeck), for Osmondthorpe, and for N.E. (in Chapeltown), and for Osmondthorpe with N.E. in Potternewton, are probably considerably out.

TABLE 25.

Shewing case-houses examined on account of certain diseases heard of during 1910, and some of the conditions found as to drainage and closet arrangements.

											1	2	3	4	5	6	7	8	9	10								
											Drains severed.																	
											Water-closet.														32 weeks, 1910.			
											Inside.				Outside.		T.W.C.				M. or P.							
											F.V.		not F.V.															
											def.	not	def.	not	def.	not	def.	not	def.	not	def.	not	def.	not				
Through	...	...	...	...	...	...	...	...	...	...	}	1.	Smallpox	...	...	...	...	...	...	...	...							
Back-to-back	...	...	...	...	...	...	...	...	...	...																		
Through	...	29	260	...	4	32	203	...	25	...	23	}	2.	Scarlet fever	...	...	...	...	...	...	...							
Back-to-back	...	20	132	2	6	56	572	4	164	...	8																	
Through	...	22	121	...	...	21	110	1	6	...	9	}	3.	Diphtheria	...	...	...	...	...	...	...							
Back-to-back	...	18	50	1	2	37	285	2	83	...	5																	
Through	...	...	...	...	...	...	1	...	...	...	...	}	4.	Membranous croup	...	...	...	...	...	...	...							
Back-to-back	...	...	...	...	...	...	4	...	3	...	...																	
Through	...	...	...	...	...	...	...	...	...	...	...	}	5.	"Croup"	...	...	...	...	...	...	...							
Back-to-back	...	...	...	...	...	...	3	...	3	...	...																	
Through	...	...	...	...	...	...	...	...	...	...	...	}	6.	Typhus fever	...	...	...	...	...	...	...							
Back-to-back	...	...	...	...	...	...	...	...	...	...	...																	
Through	...	2	7	...	1	5	21	...	4	...	...	}	7.	Typhoid fever	...	...	...	...	...	...	...							
Back-to-back	...	2	3	...	...	...	30	...	16	...	...																	
Through	...	...	...	...	...	...	...	...	...	...	...	}	8.	Continued fever	...	...	...	...	...	...	...							
Back-to-back	...	...	...	...	...	...	...	...	...	...	...																	
Through	...	...	34	...	1	...	48	...	8	...	...	}	9.	Erysipelas	...	...	...	...	...	...	...							
Back-to-back	...	...	19	...	...	...	123	...	39	...	1																	
Through	...	...	2	...	...	...	2	...	1	...	...	}	10.	Puerperal fever...	...	...	...	...	...	...	...							
Back-to-back	...	...	...	...	...	...	11	...	7	...	...																	
Through	...	...	2	...	1	...	13	...	2	...	1	}	11.	Measles : death-houses	...	...	...	...	...	...	...							
Back-to-back	...	...	4	...	2	2	74	1	29	...	1																	
Through	...	1	26	...	...	4	29	...	1	...	...	}	12.	Measles : recovery houses	...	...	...	...	...	...	...							
Back-to-back	...	4	19	...	2	15	96	2	49	...	1																	
Through	...	...	...	...	...	...	...	...	...	...	...	}	13.	Measles : recoveries in death-houses	...	...	...	...	...	...	...							
Back-to-back	...	1	...	...	...	...	...	...	3	...	...																	
Through	...	...	7	...	1	...	18	...	4	...	1	}	14.	Diarrhoea	...	...	...	...	...	...	...							
Back-to-back	...	...	8	...	1	...	70	...	40	...	2																	
Through	...	...	30	...	2	...	30	...	8	...	...	}	15.	Phthisis : death-houses	...	...	...	...	...	...	...							
Back-to-back	...	...	14	...	5	...	80	...	25	...	1																	
Through	...	...	39	...	1	...	100	...	17	...	2	}	16.	Phthisis : notified in life	...	...	...	...	...	...	...							
Back-to-back	...	1	40	...	4	...	361	...	133	...	2																	
Through	...	...	13	...	1	...	20	...	6	...	1	}	17.	Broncho-pneumonia	...	...	...	...	...	...	...							
Back-to-back	...	...	16	...	...	...	110	...	48	...	2																	
Through	...	...	29	...	1	...	39	...	7	...	...	}	18.	Pneumonia	...	...	...	...	...	...	...							
Back-to-back	...	...	17	...	...	...	120	...	40	...	1																	
Through	...	...	...	...	...	...	2	...	...	...	...	}	19.	Pleuro-pneumonia	...	...	...	...	...	...	...							
Back-to-back	...	...	...	...	...	...	1	...	1	...	...																	
Through	...	...	2	...	...	...	2	...	...	...	...	}	20.	Pleurisy...	...	...	...	...	...	...	...							
Back-to-back	...	...	...	...	...	...	6	...	4	...	...																	
Through	...	...	1	...	...	...	...	...	1	...	...	}	21.	Laryngitis	...	...	...	...	...	...	...							
Back-to-back	...	...	...	...	...	...	2	...	1	...	...																	
Through	...	...	10	...	...	...	13	...	1	...	3	}	22.	Influenza	...	...	...	...	...	...	...							
Back-to-back	...	...	4	...	1	...	15	...	4	...	...																	
Through	...	54	583	...	13	62	651	1	91	...	40																	
Back-to-back	...	46	326	3	23	110	1963	9	692	...	24																	
Both	...	100	909	3	36	172	2614	10	783	...	64																	

52 weeks, 1910.

TABLE 25.—Continued.

		1	2	3	4	5	6	7	8	9	10	11	Cases.		Total deaths in City.
		Drains not severed.											Alive.	Dead.	
		Water-closet.						T.W.C.		M. or P.		No drain			
		Inside.		Outside.											
		F.V.	not F.V.	def.	not	def.	not								
def.	not	def.	not	def.	not	def.	not	def.	not						
1.	{ Through	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	{ Back-to-back	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2.	{ Through	...	2	4	...	1	5	8	1	5	...	2	604	...	42
	{ Back-to-back	...	...	1	1	...	13	61	6	34	...	...	1079	1	...
3.	{ Through	...	1	...	2	...	6	13	...	4	...	...	316	1	64
	{ Back-to-back	...	...	1	...	...	14	46	4	18	...	4	567	3	...
4.	{ Through	...	...	...	...	...	...	...	...	...	...	...	1	...	6
	{ Back-to-back	...	...	...	...	...	1	2	...	1	...	...	11	...	...
5.	{ Through	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	{ Back-to-back	...	...	...	...	...	...	...	...	...	...	...	6	...	...
6.	{ Through	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	{ Back-to-back	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7.	{ Through	...	1	...	...	...	...	...	...	...	...	...	41	...	21
	{ Back-to-back	...	...	...	...	...	1	2	1	3	...	...	58	...	...
8.	{ Through	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	{ Back-to-back	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9.	{ Through	...	...	3	...	1	...	5	...	1	...	...	101	...	20
	{ Back-to-back	...	...	3	...	...	...	14	...	16	...	...	214	1	...
10.	{ Through	...	...	...	...	...	...	...	...	...	...	...	5	...	14
	{ Back-to-back	...	...	...	...	...	...	1	...	...	...	...	19	...	...
11.	{ Through	...	...	...	...	...	1	...	1	...	...	...	...	21	160
	{ Back-to-back	...	1	...	...	...	2	6	2	11	...	1	...	136	...
12.	{ Through	...	...	...	...	...	6	1	...	...	...	...	68	...	..
	{ Back-to-back	...	...	1	...	...	3	5	1	9	...	...	207	...	...
13.	{ Through	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	{ Back-to-back	...	...	...	...	...	...	...	...	...	...	...	4	...	...
14.	{ Through	...	...	...	...	...	6	...	6	...	...	...	...	43	201
	{ Back-to-back	...	...	...	...	...	14	...	20	...	1	1	...	157	...
15.	{ Through	...	...	1	...	2	...	7	...	1	...	1	...	82	510
	{ Back-to-back	...	...	1	...	...	...	18	...	7	...	...	...	151	...
16.	{ Through	...	...	2	...	...	...	11	...	6	...	...	178	...	...
	{ Back-to-back	...	...	5	...	...	...	70	...	64	...	...	680	...	...
17.	{ Through	...	...	3	...	...	...	2	...	3	...	...	...	49	275
	{ Back-to-back	...	...	1	...	...	...	22	...	24	...	...	...	223	...
18.	{ Through	...	...	1	...	...	...	...	...	2	...	...	...	79	323
	{ Back-to-back	...	...	2	...	...	...	20	...	16	...	...	...	216	...
19.	{ Through	...	...	...	...	...	...	...	...	...	...	...	...	2	5
	{ Back-to-back	...	...	...	...	...	...	1	...	...	...	...	...	3	...
20.	{ Through	...	...	...	...	...	...	...	...	...	...	...	...	4	23
	{ Back-to-back	...	...	...	...	...	...	3	...	1	...	1	...	15	...
21.	{ Through	...	...	...	...	...	...	...	...	...	...	...	...	2	8
	{ Back-to-back	...	...	...	...	...	...	1	...	...	...	...	...	4	...
22.	{ Through	...	...	...	...	...	...	2	...	...	...	...	...	29	68
	{ Back-to-back	...	...	1	...	...	...	4	...	2	...	1	...	32	...
	Through	...	4	14	2	4	11	61	2	29	...	3	1314	312	...
	Back-to-back	...	1	16	1	...	34	290	14	226	...	2	2845	942	...
	Both	...	5	30	3	4	45	351	16	255	...	5	4159	1254	1744

REVISED DEATH RATES.

Average birth rate, death rate, and rate under one year per thousand born, for the ten years 1901-1910, on populations corrected since 1911 census.

			Birth rate.	Death rate.	Death rate under one year per 1,000 births registered.
North	..	..	32·8	19·2	161
West	..	..	24·6	17·0	147
South-East	..	..	32·7	22·6	198
Hunslet	..	..	30·7	17·1	164
Holbeck	..	..	30·6	17·4	161
Wortley	..	..	27·1	16·4	151
Kirkstall	..	..	23·0	12·1	108
Bramley	..	..	24·6	14·1	115
Chapelton	..	..	23·9	11·7	101
Osmondthorpe	..	..	16·9	12·2	133

The official returns in which these corrections are made are not yet issued.
Above rates still provisional.

TABLE II.

Analysis of work done by District Inspectors in the several Wards, 1910.

No. I Division. Population—124,427.										No. II Division. Population—123,246.					52 weeks ended Dec. 31st, 1910.										No. III Division. Population—112,502.					No. IV. Division. Population—130,810.				
CITY TOTAL.	Mill Hill.	Central. (South of Lady Lane).	North.	N. East.	East.	Division I.	South.	Hunslet.	Hunslet.	Holbeck.	Division II.	West.	New Worley.	Armley and Worley.	Bramley.	Division III.	Headingley (part).	Kirkstall.	Burley.	N. West.	Brunswick.		Central. (North of Lady Lane).		Division IV.									
																					C.	J.	J.	C.										
4,848	50	9	380	529	355	1323	156	435	553	334	1478	178	171	217	273	839	122	27	333	340	158	90	87	51	1208									
883	94	26	14	54	14	202	4	57	83	27	151	43	70	49	57	219	43	7	88	168	3	1	1	311										
10,024	70	153	118	509	292	1182	1077	671	620	725	3093	843	864	868	685	3260	229	734	453	624	300	148	1	2489										
240	1	1	5	10	1	17	26	19	19	64	9	9	3	11	10	33	24	9	44	10	32	1	7	126										
893	85	18	82	11	7	203	31	43	138	92	304	43	68	49	19	179	2	6	118	44	27	1	9	107										
1,614	60	18	58	..	..	136	1	40	190	9	240	203	201	218	118	740	113	10	161	33	23	64	93	1	498									
18,502	359	265	657	1113	669	3063	1269	1252	1603	1206	5330	1319	1377	1412	1162	5270	533	59	1478	1048	867	456	338	60	4839									
4,538	128	115	152	271	42	708	115	137	818	246	1316	323	355	107	344	1129	204	10	782	259	51	48	29	2	1385									
5,974	182	134	246	292	45	899	138	140	1051	347	1676	434	384	116	389	1325	432	13	1122	348	53	65	35	2	2076									
721	26	27	23	69	148	293	40	20	166	19	245	101	14	15	7	137	1	..	2	13	16	5	7	2	46									
196	1	1	15	14	15	45	7	15	13	28	63	32	4	6	6	48	3	3	5	13	6	..	9	1	40									
636	22	16	11	62	61	172	62	102	52	33	229	63	37	5	51	156	4	..	..	25	31	5	13	1	79									
1,372	44	31	86	110	82	353	37	248	134	111	530	119	126	66	34	345	10	..	18	49	30	8	24	5	144									
2,425	74	54	63	245	24	460	50	181	211	114	556	150	244	67	74	535	107	6	593	65	51	32	11	9	874									
30	..	1	1	2	1	5	2	..	2	..	4	..	..	..	..	18	..	..	..	2	1	..	..	..	3									
2	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1									
5	..	1	..	3	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..									
1,999	88	18	73	177	31	387	129	250	74	194	647	146	133	111	10	400	139	1	78	91	176	21	22	38	565									
1,033	69	37	16	65	55	242	101	205	34	159	499	134	62	21	3	220	22	..	28	4	12	1	4	..	72									
511	6	3	13	49	51	122	17	16	41	45	119	49	33	105	27	214	6	..	11	6	21	1	11	..	56									
2,417	141	19	101	138	176	575	274	206	130	323	933	201	148	155	127	631	28	..	17	62	59	37	64	11	278									
2,947	69	29	165	165	216	644	64	74	221	336	855	121	169	207	98	595	210	..	2	346	86	53	159	15	1013									
14,294	539	237	567	1101	860	3304	783	1317	1038	1362	4520	1116	980	758	445	3289	530	12	1098	473	439	163	324	82	3171									
12,434	450	208	434	986	857	2945	778	1185	833	1185	3981	1085	955	632	392	2974	280	12	784	412	497	153	321	82	2534									
1,092	1	9	10	28	49	97	31	82	203	273	589	35	57	102	49	243	6	10	13	65	56	6	6	1	163									
247	13	13	9	26	7	68	26	23	21	19	89	20	1	14	6	41	8	..	7	11	7	3	11	2	49									
990	53	18	76	235	30	412	66	74	42	27	209	92	50	35	9	186	16	..	1	98	29	11	22	6	183									
16,623	606	277	662	1390	946	3921	906	1496	1324	1681	5407	1263	1088	909	509	3769	560	22	1119	647	581	183	363	91	3566									
95	2	2	3	6	16	29	..	..	..	..	..	4	..	2	..	6	..	..	..	14	31	12	2	1	60									

NUISANCES, &c.

HOUSE INSPECTION.

1. Houses and premises completely examined on account of

2. Infective disease

3. Alleged nuisances

4. Houses and premises examined only as to

5. Occupants

6. Buildings and Offices

7. Drainage

8. Number of houses wholly or partly examined

9. Total number of above houses where sanitary defects were found

10. Sanitary defects found in above houses

11. Houses dirty

12. overcrowded

13. damp or dilapidated

14. with defective eave-gutters or fall pipes

15. badly drained

16. without sink drain

17. badly lighted

18. badly ventilated

19. (a) with insufficient closet accommodation

20. (b) with insufficient asphalt accommodation

21. with dirty closets

22. with drains, &c., temporarily stopped

23. with other nuisances

24. Total nuisances found in houses

25. No. of houses in which above nuisances were found

26. Street gullies stopped

27. Offensive accumulations

28. Other outside nuisances

29. Total nuisances found

30. Complaints unfounded

TABLE II—continued.

City Total.	Mill Hill.	Central (North of Lady Lane).	North.	N. East.	East.	Division I.	South.			Division II.	Holbeck.	OTHER WORK DONE.										West.	New Worley.	Armly and Worley.	Bramley.	Division III.	Head- ing (part).			Kirkstall.	Burley.	N. West.	Brunswick.		Central, (North of Lady Lane).		Division IV.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
							East Hunslet.	West Hunslet.	Holbeck.			Additional visits paid to houses for	Infestive disease Nuisances found Completion of Reports Other Causes	Special examinations of drains by tests	Defects found by ditto	Appointments	Notices and letters served	Dwelling houses unfit for human habitation closed	Dwelling houses rendered fit for human habitation	Houses cleansed	Overcrowded houses dealt with						Defective spouting, &c., repaired	Urinals cleansed or repaired	Old hidden privies repaired				Ashpiles repaired	Privies converted into ordinary water closets	Water closets erected (a) Outside (b) Inside	New dry ashpits		Ashbins provided	Pail closets converted into water closets	T.C.'s converted into ordinary outside W.C.'s	Closets cleansed (lime-washed, &c.)	Drains in course of construction inspected	Do. do. of re-construction do.	Do. inspected when connection made to sewer	Disconnections of house drains effected	Cesspools filled up	Public or private wells abolished	Houses supplied with town's water	Trough and water closets repaired	Other house nuisances remedied	Total houses for which above work done	Houses in which all defects found have been remedied	Street gullies cleansed	Offensive accumulations removed	Pollutions of river or streams remedied	Other non-domestic nuisances removed	Additional visits paid to inspect work in progress	Total nuisances abated																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
7,609	105	12	742	690	225	1774	188	1003	816	792	2799	29.	Additional visits paid to houses for	325	211	303	481	1320	333	27	512	460	113	108	25	1716	10,517	652	361	631	451	105	2200	35	1567	451	1234	3347	30.	Nuisances found	326	1501	994	253	3074	203	72	251	914	70	104	71	1896	420	168	122	1	6	286	21	31.	Completion of Reports	19	4	16	2	41	167	237	80	229	32	638	167	18	44	242	6	1	1235																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
3,771	99	30	320	707	47	1203	4	308	138	187	637	32.	Other Causes	297	80	229	32	638	167	18	44	242	6	1	1235	16,408	332	305	808	1281	550	3776	468	1225	1265	976	3934	33.	Special examinations of drains by tests	1234	1167	1205	970	4576	935	30	1075	789	944	410	320	61	4622	3,693	70	55	130	321	33	609	82	157	217	194	650	34.	Defects found by ditto	207	249	46	113	615	408	30	937	232	73	83	13	1819	929	64	31	82	87	33	29	23	45	55	34	157	37.	Appointments	64	69	35	22	190	76	1	47	77	37	30	6	11	285	11	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

This table includes work done by four Works Inspectors and Yiddish Inspector.

TABLE III.

Shewing the number of drains or sources of pollution diverted from the River Aire and its tributaries and connected to the town sewers.

DATE.	Mills, factory, house drains, stables, and pigstyes.	Water closets.	Privies.	Trade pollu- tions.	Total.
Previous to 1st Jan., 1910	5,888	512	233	82	6,715
During the 52 weeks end- ed 31st Dec., 1910...	...	2	...	3	5
Totals ...	5,888	514	233	85	6,720

TABLE IV.

Shewing the sanitary conditions at time of visit of workshops on register and occupied, during the 52 weeks ended 31st December, 1910.

DATE. 1910.	Visits to workshops.	EMPLOYEES AT TIME OF VISIT.			VENTILA- TION.		CONDITION OF WORKSHOPS.				Workshops found closed.
		male.	female.	total.	good.	defec- tive.	rooms.		closets.		
							clean.	dirty.	clean.	dirty.	
4 weeks ended Jan. 29	43	92	188	280	42	1	39	4	34	9	2
4 weeks ended Feb. 26	63	202	296	498	60	3	58	5	51	12	4
5 weeks ended April 2	191	493	735	1,228	187	4	173	18	162	29	8
4 weeks ended „ 30	167	639	829	1,468	167	...	153	14	126	41	21
4 weeks ended May 28	123	419	598	1,017	122	1	108	15	104	19	6
5 weeks ended July 2	87	165	372	537	85	2	79	8	63	24	15
4 weeks ended „ 30	18	76	66	142	18	...	13	5	11	7	5
5 weeks ended Sep. 3	58	171	332	503	58	...	51	7	40	18	2
4 weeks ended Oct. 1	34	87	181	268	34	...	24	10	23	11	3
4 weeks ended „ 29	114	442	704	1,146	110	4	97	17	83	31	24
5 weeks ended Dec. 3	100	117	423	540	98	2	92	8	78	22	24
4 weeks ended. „ 31	39	113	227	340	38	1	36	3	31	8	13
Totals	1,037	3,016	4,951	7,967	1019	18	923	114	806	231	127

TABLE V.

Shewing workshops not previously visited to which visits have been paid during the year, and the sanitary arrangements at time of visit.

DATE. 1910.	Workshops added to register.	DESCRIPTION OF DRAINAGE.			SITUATION OF CLOSETS				Workshops found closed.
		cut off.	not cut off.	none.	inside.		outside.		
					w.c. soil-pipe carried up.	w.c. soil-pipe not car- ried up.	Water Closets.	Privies.	
4 weeks ended Jan. 29	12	5	4	3	5	...	7	...	...
4 weeks ended Feb. 26	12	7	2	3	5	...	7	...	...
5 weeks ended April 2	36	27	5	4	17	...	19	...	...
4 weeks ended „ 30	35	26	3	6	12	...	23	...	...
4 weeks ended May 28	17	12	2	3	6	...	11	...	3
5 weeks ended July 2	27	13	9	5	13	2	12	...	3
4 weeks ended „ 30	23	15	5	3	4	1	17	1	2
5 weeks ended Sep. 3	17	11	4	2	6	1	10	...	1
4 weeks ended Oct. 1	9	5	3	1	3	1	5	...	2
4 weeks ended „ 29	11	8	2	3	2	...	9	...	4
5 weeks ended Dec. 3	28	17	3	8	9	...	17	2	5
4 weeks ended „ 31	27	17	5	5	13	...	13	1	12
Totals	254	163	47	44	95	5	150	4	32

For table Va. see p. 79.

TABLE IVa.
Factories, Workshops, Laundries, Workplaces, and Homework.

1.—INSPECTION.

Including Visits and Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (Including Factory Laundries.)	1,059	89	...
Workshops (Including Workshop Laundries.)	4,030	244	..
Workplaces	433	11	...
Total	5,522 †	344	...

2.—DEFECTS FOUND.				
Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts:—*</i>				
Want of cleanliness... ..	354	300	...	...
Want of ventilation... ..	18	12	...	...
Overcrowding	3	3	...	...
Want of drainage of floors	...	..	...	...
Other nuisances	345	346	...	...
Sanitary accom- { insufficient	40	34	...	...
modation. { unsuitable or defective	195	211	...	...
Sec. 22 in force. { not separate for sexes... ..	10	9	...	..
<i>Offences under the Factory and Workshop Act:</i>				
Illegal occupation of underground bake- house (S. 101)	14	...	...	...
Breach of special sanitary requirements for bakehouses (SS. 97 to 100)	63	57	...	...
Other offences	...	...	...	...
Total	1,042	972	...	...

* Including those specified in Sections 2, 3, 7, and 8, of the Factory Act as remediable under the Public Health Acts.

Exclusive of 2,706 visits to 1,002 bakehouses by ward inspectors, and 24 by laboratory clerk.
 See text and special table of bakehouses.

TABLE IVa—continued.

3, 4, 5.—OTHER MATTERS.

Homework:—	Number of		
	Lists.	Outworkers.	
<i>List of Outworkers (S. 107):—</i>		C.	W.
No homeworkers on our register except amongst those engaged in making wearing apparel)†	...	...	...
Lists received twice in the year	302	606	1435
„ once in the year	18	18	53
Addresses of outworkers { received from other Authorities... { forwarded to other Authorities...		52	2
Notices to occupiers not sending lists... ..		248	
Prosecutions		...	...
Inspection of Homeworkers' premises (see table Va)... ..		1,125	
<i>Homework in unwholesome premises:—</i>			
Instances		106	
Notices		106	
Prosecutions		...	
<i>Homework in infected premises:—</i>			
Instances		4*	
Orders made (S. 110)		...	
Prosecutions (SS. 109, 110)		...	
[Infectious cases removed, disinfection both of places and material carried out under ordinary powers].			
<i>Workshops on the Register (S. 131) at the end of year—</i>			
Ordinary (154 trades)		1,147	
Domestic do. (18 trades)		518	
Bakehouses on register as workshops		205	
Do. domestic		797	
Total number of workshops on Register		2,667	
<i>Matters notified to H.M. Inspectors of Factories:—</i>			
Failure to affix Abstract of the Factory and Workshop Act (S. 133)		27	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5).	Notified by H.M. Inspector ... Reports (of action taken) sent to H.M. Inspectors ...	73	
Other		37	
<i>Underground Bakehouses (S. 101):—</i>			
Certificates granted during the year		...	
In use at the end of 1910		48	

* Of these 4, 2 were patients suffering from scarlet fever; all were removed to hospital, and disinfection of articles carried out. Two were cases of erysipelas, not removed to hospital, precautions were taken as to work. A case of phthisis occurred in one homeworker's house. Precaution as to sputum advised.

Two lists received twice a year for 28 homeworkers engaged in sack making. All others in wearing apparel.

WORK OF WOMEN INSPECTORS.

Infectious diseases.—On account of puerperal fever, 24 houses have been completely examined and 142 other visits paid.

In addition to visiting cases reported during life as cases of puerperal fever, visits were also paid where the death of a puerperal woman was recorded from this disease or some similar cause.

Eight midwives and 22 women who, though not certified midwives, had been more or less in contact with puerperal cases, paid visits to the disinfecting station in order to have their persons and clothing disinfected. Their bags and appliances were also disinfected under the personal oversight of our women inspectors. In other cases the clothing of the nurse was sent from the house where the illness occurred to be disinfected at the station.

Three of the houses visited on this account were found to be dirty, and one had a dirty closet. Two of these houses and the closet were cleansed.

Two midwives were found to have been in contact with cases of scarlet fever and one with a case of pneumonia. Action was taken and the midwives person, clothing and appliances disinfected in all of these cases.

On account of infectious disease among persons employed, 246 visits of enquiry were made to 117 factories, 30 to 17 workshops, 6 to 3 workplaces, and 5 to private houses.

Fifty-eight visits were made to absent employées in connection with this work.

In the girls' and infants' departments of schools 970 visits of inspection and 191 return visits were made on account of infectious disease. To the houses of absentees 281 visits were paid; and 5 other visits were made in connection with this branch of the work.

Notices to the number of 70 were sent to the offices of the Education Committee informing them of cases where it was considered inadvisable that children should return to school until medical advice had been obtained.

It was necessary to give six notices for nuisances found. All of these have been complied with.

Outworkers.—Table Va gives, as in previous years, the work of our women inspectors in visiting at their homes persons employed as outworkers. In addition to these visits 39 more were paid to the employers of outworkers.

Seventy-five notices for the cleansing of premises occupied by outworkers were given, and of these 67 were complied with, and one lapsed because the occupiers had left.

Fifteen structural defects required notices, 14 of which were complied with during the year; one lapsed because the occupier had left. Two notices were given for overcrowding, both of which were complied with. Other sanitary defects to the number of 14 were found and 11 remedied, and one referred to the district inspector. Eight sanitary defects found in 1909 were also found remedied.

Workshops.—There were 839 inspections made of workshops, and 865 other visits were paid.

Twelve notices were given for defective ventilation and seven complied with during the year. Two lapsed because the occupiers had left. Three cases of overcrowding were found and remedied. For cleansing and limewashing 203 notices were given. Of these five lapsed because the occupiers had left, two were referred to the district inspector, and 159 were complied with.

Two sanitary defects reported in 1909 were also found remedied this year.

In addition to 28 workshop laundries, included in workshops mentioned above, 40 additional visits were paid to other laundries.

Eleven notices were given for cleansing and six for sanitary defects. Eight and four of these respectively were complied with.

Workplaces.—Of restaurant kitchens 97 inspections were made and 33 other visits paid.

Four notices were sent on account of defects found and three complied with, while three notices were given for cleansing and limewashing, two of which were complied with.

Five visits were paid to other workplaces.

Factories.—In addition to the 117 factories visited on account of infectious disease, five were visited on complaint, and 11 further visits were paid to them.

For cleansing and limewashing closets 66 notices were given and 65 were complied with.

Twenty-five other sanitary defects were found and 23 remedied. One nuisance reported in 1909 was found remedied.

Infant mortality.—At the beginning of 1909 certain streets of a better class of house than most others in the South-East district, and in which the infantile death-rate was lower, were omitted from birth and death enquiries in order that the women inspectors might be able to pay more attention to the poorer parts.

During the year 1910, 234 investigations were made of deaths of infants and 252 other visits paid. In connection with this work 52 notices were given to cleanse and limewash; of these 36 have been complied with. Four lapsed because the occupiers had left, and two were handed over to the district inspector. Notices for other defects were given to the number of 28. Twenty-two of these were remedied.

Visits to the newly born.—In South-East Leeds 902 first visits were made to advise mothers how best to keep their babies in health, and 4,686 other visits were made to these homes.

Twenty-five notices for sanitary defects and 45 for lime-washing and cleansing were given, and in 60 cases the defects were remedied.

In addition to these visits in South-East Leeds 282 first visits and 2,446 other visits were paid in a certain district of West Leeds. Twenty-one babies were systematically weighed, 23 others less regularly so.

Eighteen sanitary defects were found, of which 15 were remedied.

Midwives Act.—Part of the work done in the supervision of midwives has been mentioned already under the heading Infectious diseases.

Thorough inspection of books and bags was made in 128 cases, and 380 visits were paid to midwives.

In addition to 432 other visits paid in connection with this work, 55 interviews took place at the Public Health Offices, and 10 interviews with maternity nurses or uncertified midwives.

The number of midwives who, during January, 1910, notified their intention to practise, was 58. Six others did so later.

During the year one midwife died, two were struck off the roll, two left the borough, and four were allowed to retire.

Altogether 3,226 cases were attended by certified midwives during the year. This number does not include the cases taken by uncertified midwives, some of whom still continued to practise.

Sub-section 2 of Section 1 of the Midwives Act came fully into force on April 1st, 1910. Special warnings against continuing to practise midwifery were given to 62 uncertified women, and 113 other visits were paid in connection with them.

One woman who, in spite of warnings, persisted in taking cases habitually and for gain, was prosecuted and convicted.

Of the 24 cases investigated as puerperal fever, seven were attended by certified midwives and two by "handy women." In all, 11 of these cases recovered. Of the cases taken by midwives five were fatal.

In such cases special attention has always been given to the disinfection of the bags and their contents, as well as to the clothing and persons of those attending these cases.

Notifications of 73 still-births have been received during the year. Forty of these were inquired into by the women inspectors, and the child's body examined.

There were 292 notifications of requests for medical assistance, and 14 deaths of infants were notified where no medical practitioner was in attendance.

Reference has already been made to the attention paid to midwives in contact with diseases of an infectious nature.

In consequence of investigation of deaths in the Registrars' Returns, 209 visits were paid to ascertain if a midwife had had any connection with the case. This was found to be so in 15 instances, whilst in another case a "handy woman" was involved.

Twenty-three inquests on the deaths of infants were attended by the Women Inspectors.

Twenty-one midwives' houses were examined. Three sanitary defects were found, of these two were remedied.

On July 21st the Lord Mayor and Lady Mayoress very kindly entertained all the Certified Midwives to tea in the Town Hall. Their kindness was much appreciated by all the midwives who were able to be present.

Other work.—On receipt of complaints 17 inspections of houses were made, and 125 other visits were paid. Eighteen sanitary defects were found, of which 13 were remedied. Six reported in 1909 were found remedied.

In connection with public conveniences for women, 29 inspections were made in Parks and one return visit paid. Nine inspections were made to lavatories in the City. In all 10 sanitary defects were found and remedied.

In addition to the work already given, 21 visits were paid to landlords, and 410 visits were made for various purposes which cannot be classified under any of the previous headings.

TABLE Va. (Outworkers) 1910.

Wards.	Complete inspections of houses on first visit.	Additional visits about			Total.
		work ordered.	infectious disease.	other causes.	
Central	15	17	1	12	45
North	46	28	...	40	114
North East... ..	41	14	...	31	86
East	37	23	...	37	97
South	22	13	2	26	63
East Hunslet ...	12	9	1	11	33
West Hunslet ...	48	5	3	38	94
Holbeck	40	13	3	55	111
Mill Hill	7	3	...	9	19
West	99	50	4	75	228
North West ...	27	11	3	30	71
Brunswick	27	7	4	15	53
New Wortley ...	23	15	1	14	53
Arnley and Wortley	25	1	...	11	37
Bramley	1	...	...	...	1
Headingley ...	9	...	2	9	20
Totals	479	209	24	413	1,125

Work entirely that of women inspectors.

TABLE Vb.

Other Visits paid by Senior Workshops Inspector and his Assistant on account of

	Factories.	Workshops.	Workplaces.
Non-abatements	332	426	62
Drain inspection	...	...	...
Drains tested	11	15	7
Disease enquiries	106	8	36
River pollution	3	...	...
Complaints	147	152	36
Measurement of workrooms...	...	20	...
Wage enquiries	...	...	...
Bakehouses { underground	...	31	...
	... above ground	61	...
Other causes	137	262	141
Appointments	61	30	10
TOTAL	797	1,005	292

Work done.

	Factories.	Workshops.	Workplaces.
River pollutions abated ...	2	..	...
Nuisances abated	308	203	9
TOTAL	310	203	9

BAKEHOUSES, 1910.

WARDS.	OVERGROUND.			UNDERGROUND.			Total visits to over-ground and under-ground bake-houses.
	Em- ployees beyond family.	Work- shop bake- houses.	Domestic Bake- houses.	Em- ployees beyond family.	Work- shop bake- houses.	Domestic Bake- houses.	
Central	48 in	11	19	11 in	2	3	112
North	23 „	13	33	10 „	3	2	153
North-East	12 „	11	78	1 „	1	—	189
East	21 „	10	44	—	—	—	92
South	27 „	13	48	1 „	1	2	269
East Hunslet	11 „	7	80	4 „	2	—	259
West Hunslet	14 „	5	97	3 „	3	3	132
Holbeck	20 „	8	84	—	—	1	252
Mill Hill	27 „	9	10	2 „	2	—	44
West	22 „	13	33	—	—	1	180
North-West	16 „	8	46	10 „	5	3	139
Brunswick	25 „	15	29	7 „	2	1	159
Armley and Wortley	24 „	18	72	1 „	1	—	323
New Wortley	20 „	9	35	—	—	—	102
Bramley	5 „	4	22	—	—	1	94
Headingley	12 „	9	9	7 „	5	—	65
Burley	15 „	11	36	4 „	3	1	129
Kirkstall	1 „	1	4	—	—	—	13
Total	343 „	175	779	61 „	30	18	2,706

TABLE VI.

Ashpits put down for cleansing during the
52 weeks ended 31st December, 1910.

Requisitions to cleanse sent to Cleansing Sub- Department from Sanitary Office.	Number of latter returned as carried out.	Ashpits not cleansed within four days of requisition.
6,585	6,474	42

TABLE VII.

Refuse Removal (same period).

No. of midden emptyings.	No. of dry ashpit or tub emptyings.	No. of box or pail emptyings.	Total.	LOADS REMOVED.			Total.
				Night- soil.	Dry ashes.	Rubbish.	
—	2,253,860	11,636	2,265,496	—	—	—	184,075

CLEANSING.

Ashpit cleansing.—Tables VI. and VII. contain the usual information about ashpits. The total loads removed of nightsoil, dry ashes, and rubbish was 184,075, against 171,846 the previous year, 172,594 in 1908, 179,813 in 1907, 184,993 in 1906, 191,814 in 1905, and 181,807 in 1904. Of late we have been gradually increasing the number of our larger four-wheeled ashpit wagons. The actual ashpit *emptyings* have increased 12 per cent. since 1908, which was a 53 weeks' year.

Destructors.—The following work has been done at the four destructors :—

At Armley Road 27,923 loads of rubbish, weighing 24,134·25 tons (0·86 tons or 17·29 cwts. per load) were destroyed during 304 working days. On an average of 12 cells, the work per cell per day would be 9·62 tons. The highest observed

temperature was 1,500° Fahr.,* the lowest 635°; average, 1,464°. There were 7,296 observations taken. The firemen employed averaged 13·6 a day, and the amount turned over by each averaged 5·84 tons daily.

At Beckett Street, 9,028 loads of rubbish, weighing 7,682·65 tons (0·85 tons, or 17·02 cwts. per load) were destroyed in 7 cells of the old destructor during 278 working days, being an average of 3·95 tons per cell per day. The highest observed temperature was 1,500° Fahr.,* the lowest 785°; average 1,463°. There were 6,672 observations taken. The average number of firemen employed was 4·75, and their daily turn over 5·82 tons.

At the new bulk feeding destructor, working 250 days, there were destroyed 12,570 loads weighing 9,504·1 tons (0·76 tons or 15·12 cwts. per load). These were consumed in two cells worked by three men and gave an average weight of 19·01 tons per cell per day and 12·67 tons per fireman, in his day of eight hours.

At Kidacre Street, 25,745 loads of rubbish, weighing 21,442·95 tons (0·83 tons, or 16·66 cwts. per load) were destroyed in 12 cells during 304 working days, being an average of 5·88 tons per cell per day. There were 7,296 observations of temperature taken, the readings averaged 1,460° Fahr., the highest was 1,500°,* the lowest 730°. The average number of firemen was 12, and they turned over an average of 5·88 tons a man daily.

At Meanwood Road, 17,198 loads of rubbish, weighing 14,536·75 tons (0·85 tons, or 16·91 cwts. per load) were destroyed in 8 cells during 304 working days, being an average of 5·98 tons per cell per day. There were 7,296 observations of temperature taken, the readings averaged 1,461° Fahr., the highest was 1,500°,* the lowest 680°. The average number of firemen was 6·63, and they turned over an average of 7·22 tons each day.

* The pyrometer does not register above 1,500° Fahr.

I have not previously given the work of the new destructor at Beckett Street for a complete year, as adjustments have been necessary from time to time and even in the present instance the work is about one sixth less than that of a whole year. The work done however can now be compared with the work done by the other four destructors and it will be most convenient to take the amount destroyed per cell per day. This was 6.62 tons in the old Armley Road destructor. It was only 3.95 tons in the old cells at Beckett Street. It was 5.88 tons at Kidacre Street and 5.98 in what until lately we looked upon as our most recent and best destructor, that at Meanwood Road. Against this we have the record of 19.05 tons destroyed by each cell in the new destructor.

Regarding each cell as of the same value, and neglecting the difference of grate area we find that, allowing for the number of working days, and the amount destroyed at the different destructors the average of the four old destructors was 5.81 tons as against 19.05 at the bulk feeding destructor. Some little allowance has of course to be made for the fact that the old Beckett Street destructor was to some extent starved to supply the material for the new one.

Taking now the amount that each workman was capable of destroying in his eight hours day, this was 5.84 tons at Armley Road, 5.82 at the old cells at Beckett Street, 5.88 at Kidacre Street and 7.22 at Meanwood Road. At the new Beckett Street destructor it was 12.67 tons. Taking into account the number of days and the number of men working at the four old destructors the average turn over per man was 6.09 tons per day, while at the new destructor it was 12.67, more than double the average of the old cells, and 75 per cent. in excess of the turn over at our latest (Meanwood Road) destructor.

* The pyrometer does not register above 1.500° Fahr.

But the new cells require a special man to work the crane, that is one for each eight hours shift. His whole time however is not employed in this way, about one third of it he is able to give to other work in connection with the general plant. If however we divide 9,504·1 tons by 5 instead of by 3, and again by 250 days during which the destructor was working, we get an average of 7·6 tons per man, instead of 12·67 which is not very different from the result at Meanwood Road, which was 7·22. The new cells at Beckett Street are worked under a disadvantage in regard to size. The staff employed to run them, 3 cranemen and 3 firemen, could run 4 cells without difficulty, and do a considerably larger amount of work per man.

Street Cleansing.—This heading is intended to include the work done in the ordinary sweeping and gully cleansing to the paved streets, in the watering of streets and roads, in the cleansing of certain Macadam roads and their gullies, and in the removal of snow.

Mr. Mann reports that during 300 working days, 332,422 street cleansings were effected, an average of 1,108 a day.

The cleansing of gullies was equivalent to cleansing 262,257 or an average of 874 per day; charges of disinfectant were applied to all gullies cleansed. In addition to this, 94,916 loads of street refuse were carted away (316 a day), and 107,927 cleansings of courts and yards were effected, an average of 360 a day.

The number of horse-days for street cleansing was 30,838 and for watering 4,269, being an average of 103 and (during 81 days) 53 horses a day respectively.

During the 81 street watering days 82,595 barrels of water (or about 122,118 tons) were used.

During the 52 weeks, the sub-department removed 34,018 loads of snow

TABLE VIII.

Work done in connection with the Cowsheds and Dairies
Order during the 52 weeks ended 31st December, 1910.

Cowkeepers on the register	...	...	...	131
Milk-retailers	"	...	...	411
Visits to cowsheds	...	...	...	562
"	"	(veterinary)	..	627
"	milkshops	...	...	723
"	railway stations	...	...	167
Cowkeepers discontinued business	...	...	...	2
New cowkeepers registered	...	...	...	3
New cowsheds built	...	..	...	1
Cowsheds reconstructed and provided with additional light, ventilation and drainage...				6
Farms or milkshops visited on account of infectious disease	...	...	...	54

TABLE VIIIa.

Veterinary inspection of Cattle, year ended 31st Dec., 1910.

Date of Inspection	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
Jan. 4.	478	N.E.	18	...	healthy	Satisfactory.
"	351	E.	10	...	"	Do.
"	101	"	15	...	"	Do.
Jan. 6.	332	W.H.	57	...	"	Do.
Jan. 10.	49	N.W.	27*	...	(One tuberculous) others healthy.	Do.
"	609	Hdy.	12	...	healthy	Do.
"	213	"	5	1 (mastitis)	others healthy.	Do.
"	393	"	36	...	healthy	Do.
"	17	"	4	...	"	Do.
"	196	N.	19	...	"	Do.
"	544	"	11	...	"	Do.
Jan. 11.	96	W.H.	8	...	"	Do.
"	406	"	17	...	(One paralysed) others healthy.	Do.
"	430	Bmy.	13	...	healthy	Do.
Jan. 12.	295	N.E.	8	...	"	Do.
"	136	"	14	...	"	Do.
"	220	"	19	...	"	Do.
"	137	"	10	...	"	Do.
"	138	"	46	...	"	Do.
Jan. 13.	43	W.H.	30	...	"	Do.
"	392	"	6	...	"	Do.
"	390	"	21	...	"	Do.
"	135	"	9	...	"	Do.
"	677	"	4	...	"	Do.
"	64	"	8	...	"	Walls dirty.
"	150	Hol.	7	...	"	Satisfactory
"	85	"	7	...	"	Do.
Jan. 14.	153	C.	5	...	"	Clean, but confined.
"	7	"	5	...	"	Satisfactory.
"	66	"	14	...	"	Do.
"	665	N.	17	...	"	Do.
"	4	"	15	...	"	Do.
"	170	"	22	...	"	Do.
"	67	"	4	...	"	Do.
Jan. 19.	266	E.H.	3	...	"	Do.
"	557	"	11	...	"	Do.
"	835	S.	11	...	"	Do.
Jan. 26.	104	A.&W.	20	...	"	Do.
"	126	Bmy.	14	...	"	Do.
"	36	"	3	...	"	Do.
"	99	A.&W.	19	...	"	Do.

* One cow isolated by owner.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
Jan. 26.	38	A. & W.	24	...	healthy	Satisfactory.
"	256	"	5	...	"	Do.
"	287	"	...	...	...	unoccupied.
"	167a	Hdy.	19	...	healthy	Satisfactory.
Jan. 27.	708	A. & W.	16	...	"	Do.
"	148	Bmy.	13	...	"	Do.
"	141	"	19	...	"	Do.
"	318	"	24	...	"	Do.
"	127	"	27	...	"	Do.
"	120	"	22	...	"	Do.
"	515	"	7	...	"	Do.
"	34	A. & W.	3	...	"	Do.
"	402	"	10	...	"	Do.
"	246b	"	6	...	"	Do.
"	246a	"	10	...	"	Do.
"	593	"	5	...	"	Do.
Jan. 28.	88	N. W.	26	...	"	Do.
"	616	"	21	...	"	Do.
"	284	"	22	...	"	Do.
"	680	Bnk.	2	...	"	Do.
Feb. 2.	338	N.	2	...	"	Do.
"	94	Hdy.	12	...	"	Do.
"	522	N.	20	...	"	Do.
"	738	Hdy.	5	...	"	Do.
"	195	N.	19	...	"	Do.
"	714	Hdy.	10	...	"	Do.
"	167b	"	12	...	"	Do.
"	912	"	11	...	"	Do.
"	146	"	35	...	"	Do.
"	591	"	10	...	"	Clean, ventilators obstructed
"	592	"	19	...	"	Satisfactory.
"	353	"	10	...	"	Do.
"	550	"	11	1 (tuberculous).	others healthy.	Do.
"	676	"	10	...	healthy	Do.
"	75	"	19	...	"	Do.
Feb 3.	159	E. H.	22	...	"	Do.
"	633	"	10	...	"	Do.
"	493	"	30	...	"	Do.
"	378	W. H.	6	...	"	Do.
Feb. 4.	964	E.	14	...	"	Do.
"	19	"	17	...	"	Do.
"	145	"	29	...	"	Do.
"	172	"	32	...	"	Do.
Feb. 9.	39	N.	31	...	"	Do.
"	552	Bnk.	20	...	"	Do.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1909.						
Feb. 10.	243	Bmy.	9	...	healthy	Satisfactory.
"	682a	"	20	...	"	Do.
"	822	"	12	...	"	Do.
"	209	"	9	...	"	Do.
"	21	"	4	...	"	Do.
"	201	"	...	...	...	Unoccupied.
"	408	"	15	...	healthy	Satisfactory.
"	389	Hdy.	11	...	"	Do.
"	51	Bmy.	6	...	"	Do.
"	322	"	5	...	"	Do.
"	147	"	6	...	"	Do.
"	410	"	6	...	"	Do.
"	70	"	5	...	"	Do.
"	574	"	14	...	"	Do.
"	682b	"	8	...	"	Do.
"	63	"	6	...	"	Do.
"	681	"	4	...	"	Do.
"	360	"	23	...	"	Do.
"	352	"	9	...	"	Do.
"	337	"	22	...	"	Do.
"	227a	"	5	...	"	Do.
"	227b	"	5	...	"	Do.
"	470	"	2	...	healthy but dirty.	Dirty.
Feb. 22.	35	W.	9	...	healthy	Some cows dirty, shed satisfactory.
"	812	Hdy.	5	...	"	Satisfactory.
"	321	"	15	...	"	Do.
"	164	"	...	...	...	Locked up.
"	813	A.&W.	42	...	healthy	Satisfactory.
"	431	"	29	...	"	Do.
Feb. 23	90	E.	27	...	"	Do.
"	590	"	7	...	"	Do.
"	45	N.	15	...	"	Do.
"	553	"	21	...	"	Do.
"	678	"	5	...	"	Do.
"	896	"	8	...	"	Do.
"	343b	"	26	...	(One tuberculous) others healthy.	Do.
"	343a	"	15	...	healthy	Do.
"	602	"	18	...	"	Do.
Feb. 24.	199b	Bmy.	30	...	"	Do.
"	585	"	16	...	"	Do.
"	765	"	10	...	"	Do.
"	801	"	6	...	"	Dirty.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
Feb. 24.	92	Bmy.	...	...	...	Locked up.
"	400	"	27	...	healthy	Satisfactory.
"	73	"	27	...	"	Do.
"	249	"	9	...	"	Do.
Mar. 1.	10	A. & W.	8	...	"	Some cows dirty, shed satisfactory.
"	372	"	4	...	healthy but 1 dirty.	Satisfactory.
"	78	Bmy.	19	I (mastitis)	others healthy.	Do.
"	199a	"	13	...	healthy	Do.
"	635	"	13	...	"	Do.
"	77	"	...	...	...	Unoccupied.
"	909	"	16	...	healthy	Satisfactory.
"	173	"	16	...	"	Do.
Mar. 3.	343b	N.	...	...	(See Feb. 23rd) diseased cow removed.	
Mar. 8.	295	N.E.	9	...	healthy	Satisfactory.
"	136	"	15	...	"	Do.
"	220	"	21	...	"	Do.
"	137	"	...	...	...	Unoccupied.
"	138	"	47	...	healthy	Satisfactory.
Mar. 9.	196	N.	17	...	"	Do.
"	544	"	11	...	"	Do.
"	557	E.H.	...	...	...	Unoccupied.
"	266	"	3	...	healthy	Satisfactory.
"	835	S.	11	...	"	Do.
"	49	N.W.	27	...	"	Do.
"	609	Hdy.	14	...	"	Do.
"	213	"	5	...	"	Do.
"	393	"	36	...	"	Do.
"	17	"	4	...	"	Do.
Mar. 10	153	C.	7	...	"	Clean.
"	7	"	5	...	"	Satisfactory.
"	66	"	13	...	"	Do.
Mar. 11.	351	E.	7	...	"	Do.
"	101	"	14	...	"	Do.
"	478	N.E.	18	...	"	Do.
"	665	N.	16	...	"	Do.
"	4	"	14	...	"	Do.
"	67	"	3	...	"	Do.
"	170	"	25	...	"	Do.
Mar. 15.	85	Hol.	7	...	"	Do.
"	150	"	6	...	"	Do.
"	64	W.H.	8	...	"	Fairly clean.
"	135	"	10	...	"	Satisfactory.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
Mar. 15.	677	W.H.	4	...	healthy	Satisfactory.
"	390	"	20	...	"	Do.
"	392	"	8	...	"	Do.
"	43	"	31	...	"	Do.
Mar. 16.	104	A.&W.	20	...	"	Do.
"	126	Bmy.	14	...	"	Do.
"	36	"	3	...	"	Do.
"	99	A.&W.	18	...	"	Do.
"	256	"	...	...	...	Unoccupied.
"	287	"	...	...	...	No cows kept.
Mar. 17.	34	"	3	...	healthy	Satisfactory
"	402	"	12	...	"	Do.
"	246b	"	6	...	"	Do.
"	246a	"	10	...	"	Floors and walls dirty.
"	593	"	5	...	"	Do.
"	708	"	16	...	"	Satisfactory.
"	148	Bmy.	11	...	"	Do.
"	141	"	18	...	"	Do.
"	318	"	23	...	"	Do.
"	127	"	27	...	"	Do.
"	128	"	4	...	"	Do.
"	120	"	23	...	"	Do.
"	515	"	6	...	"	Do.
Mar. 18.	88	N.W.	26	...	"	Do.
"	616	"	20	...	"	Do.
"	86	"	8	...	"	Do.
"	284	"	21	...	"	Do.
"	680	Bnk.	2	...	"	Do.
Mar. 22.	39	N.	26	...	"	Do.
"	552	Bnk.	20	...	"	Do.
Mar. 24.	389	Hdy.	11	...	"	Shed being disinfected following fatal Anthrax
Mar. 30.	389	"	11	...	"	Shed disinfected.
Mar. 31.	430	Bmy.	14	...	"	Satisfactory.
"	332	W H.	55	...	"	Do.
"	406	"	16	...	"	Do.
"	96	"	8	...	"	Do.
April 6.	353	Hdy.	12	...	"	Do.
"	676	"	10	...	"	Do.
"	550	"	11	...	"	Do.
"	75	"	19	...	"	Do.
"	338	N.	2	...	"	Do.
"	94	Hdy.	10	...	"	Do.
"	522	N.	19	...	"	Do.
"	738	Hdy.	5	...	"	Do.
"	195	N.	18	...	"	Do.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
April 6.	714	Hdy.	8	...	healthy	Satisfactory.
"	216	"	8	...	"	Do.
"	167b	"	13	...	"	Do.
"	912	"	10	...	"	Do.
"	146	"	35	...	"	Do.
"	591	"	11	...	"	Do.
"	592	"	18	...	(One tuberculous) others healthy.	Do.
April 7.	574	Bmy.	14	...	healthy	Floor and walls dirty.
"	408	"	...	...	...	Unoccupied.
"	682b	"	8	...	healthy	Satisfactory.
"	167a	Hdy.	18	...	"	Walls dirty.
"	389	"	10	...	"	Satisfactory.
"	243	Bmy.	9	...	"	Do.
"	682a	"	20	...	"	Do.
"	822	"	11	...	"	Do.
"	209	"	10	...	"	Floor and walls dirty.
"	201	"	...	...	...	Unoccupied.
"	21	"	3	...	healthy	Walls dirty.
"	812	Hdy.	5	...	"	Satisfactory.
"	35	W.	9	...	"	Do.
April 9.	45	N.	13	...	"	Do.
"	553	"	22	...	"	Do.
"	678	"	6	...	"	Do.
"	896	"	8	...	"	Do.
"	343b	"	26	...	"	Do.
"	343a	"	12	...	"	Do.
"	602	"	19	...	"	Do.
April 11.	590	E.	6	...	"	Do.
"	90	"	29	...	"	Do.
"	19	"	18	...	"	Do.
"	145	"	31	...	"	Do.
"	964	"	12	...	"	Do.
"	172	"	32	...	"	Do.
April 12.	159	E.H.	22	...	"	Do.
"	493	"	29	...	"	Do.
"	633	"	8	...	"	Do.
"	378	W.H.	5	...	"	Floor dirty.
April 13.	63	Bmy.	5	...	"	Satisfactory.
"	681	"	4	...	"	Do.
"	360	"	25	...	"	Do.
"	470	"	2	...	"	Do.
"	337	"	22	...	"	Do.
"	352	"	8	...	"	Do.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
April 13.	227a	Bmy.	7	...	healthy	Walls dirty.
"	227b	"	6	...	"	Do.
"	51	"	6	...	"	Satisfactory.
"	322	"	5	...	"	Do.
"	147	"	6	...	healthy	Walls dirty.
"	410	"	cows out.	...	...	Satisfactory.
"	70	"	5	...	healthy	Do.
April 14.	10	A.&W.	8	...	"	Do.
"	372	"	5	...	"	Do.
"	78	Bmy.	20	...	"	Do.
"	199a	"	13	...	"	Do.
"	199b	"	30	...	"	Do.
"	585	"	16	...	"	Do.
"	765	"	10	...	"	Do.
"	77	"	...	...	...	Unoccupied.
"	909	"	15	...	healthy	Satisfactory.
"	173	"	16	1 (mastitis)	others healthy.	Do.
"	801	"	6	...	healthy	Do.
"	92	"	4	...	"	Do.
"	249	"	8	1 (mastitis)	others healthy.	Do.
"	400	"	25	1 (mastitis)	others healthy.	Do.
"	73	"	27	...	healthy	Do.
"	635	"	13	...	"	Do.
April 15.	431	A.&W.	30	...	"	Do.
"	813	"	47	...	"	Do.
"	164	Hdy.	...	...	...	No cows kept.
"	321	"	13	...	healthy	Satisfactory.
April 19.	410	Bmy.	7	...	"	Do.
May 5.	665	N.	17	...	"	Do.
"	4	"	4	...	"	Fairly clean.
May 11.	592	Hdy.	15	1 (tuberculous)	others healthy.	Satisfactory.
May 19.	245a	A.&W.	9	...	healthy	Do.
"	593	"	cows out.	...	...	Do.
May 24.	85	Hol.	7	...	healthy	Do.
"	64	W.H.	8	...	"	Floor and walls dirty.
"	677	"	4	...	"	Do.
"	135	"	10	...	"	Satisfactory.
"	390	"	22	...	"	Do.
"	392	"	7	...	"	Do.
"	43	"	30	...	"	Do.
"	150	Hol.	6	...	"	Do.
May 25.	592	Hdy.	15	...	"	Do.
"	216	"	cows out	...	...	

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
May 25.	353	Hdy.	cows out.	...	...	Satisfactory.
"	550	"	cows out.	...	...	Do.
May 26.	153	C.	7	...	healthy	Do.
"	7	"	5	...	"	Do.
"	66	"	13	...	"	Do.
"	67	N.	3	...	"	Do.
"	138	N.E.	42	...	"	Do.
"	170	N.	23	...	"	Do.
"	665	"	17	...	"	Do.
June 1.	295	N.E.	7	...	healthy	Do.
"	136	"	cows out.	...	...	
"	220	"	20	...	healthy	Satisfactory.
"	137	"	52	...	"	Do.
June 2.	49	N.W.	22	...	"	Do.
"	213	Hdy.	2	...	"	Do.
"	609	"	14	...	"	Do.
"	347	"	cows out	...	...	Do.
"	393	"	cows out	...	...	Do.
"	544	N.	11	...	healthy	Do.
June 7.	351	E.	8	...	"	Do.
"	101	"	15	...	"	Do.
"	478	N.E.	18	...	"	Do.
"	136	"	cows out	...	...	Do.
June 10.	154	N.	cows out	...	...	Do.
"	680	Bnk.	2	...	healthy	Do.
June 14.	670	E.H.	8	...	"	Do.
"	266	"	...	...	...	Unoccupied.
"	835	S.	12	1 (mastitis)	others healthy.	Satisfactory.
"	136	N.E.	12	1 (mastitis)	others healthy.	Do.
June 15.	393	Hdy.	34	...	healthy	Do.
"	347	"	6	1 (mastitis)	others healthy.	Do.
"	196	N.	17	...	healthy	Do.
June 16.	104	A.&W.	cows out	...	...	Do.
"	126	Bmy.	cows out	...	...	Do.
"	36	"	3	...	healthy	Do.
"	99	A.&W.	19	...	"	Do.
"	38	"	22	...	"	Do.
"	256	"	7	...	"	Do.
"	287	"	...	...	...	Unoccupied.
June 20.	347	Hdy.	1	...	(See June 5th others healthy.)	
"	195	N.	16	1 (tuberculous).	...	Satisfactory.
June 21.	128	Bmy.	cows out	...	...	Satisfactory.
"	515	"	cows out	...	...	Do.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
June 21.	127	Bmy.	24	...	healthy	Satisfactory.
"	708	A.&W.	16	...	1 (paralysis) others healthy (See June 14th)	Do.
June 22.	835	S.	1	Recovered	...	
June 23.	332	W.H.	59	...	healthy	Satisfactory.
"	430	Bmy.	15	...	"	Do.
"	406	W.H.	cows out.	...	...	
"	96	"	13	...	healthy	1 satisfactory, 1 not.
June 29.	195	N.	1	confirmed tuberculous)	(See June 20th).	
"	94	Hdy.	12	...	healthy	Satisfactory.
"	338	N.	1	...	"	Do.
"	738	Hdy.	4	...	"	Do.
July 8.	552	Bnk.	21	...	"	Do.
"	39	N.	28	...	"	Do.
July 12.	227a	Bmy.	cows out.	...	...	Do.
"	227b	"	cows out.	...	...	Do.
"	470	"	cows out.	...	...	Do.
"	126	"	cows out.	...	...	Do.
"	104	A.&W.	17	...	healthy	Do.
July 13.	148	Bmy.	14	...	"	Do.
"	141	"	18	...	"	Do.
"	318	"	24	...	"	Do.
"	402	A.&W.	11	...	"	Do.
"	246b	"	6	...	"	Do.
"	246a	"	10	...	"	Do.
July 14.	812	Hdy.	3	...	"	Do.
"	167b	"	13	...	"	Do.
"	714	"	7	...	"	Do.
"	75	"	19	...	"	Do.
"	522	N.	cows out.	...	...	Do.
Aug. 15.	678	"	7	...	healthy	Do.
"	553	"	20	...	"	Do.
"	45	"	12	...	"	Do.
Aug. 17.	88	N.W.	25	...	"	Do.
"	616	"	20	...	"	Do.
"	86	"	...	...	...	Unoccupied.
"	284	"	20	...	healthy	Satisfactory.
Aug. 24.	372	A.&W.	4	...	"	Do.
"	10	"	8	...	"	Do.
"	593	"	7	...	"	Do.
Aug. 26.	154	N.	1	...	"	Do.
"	343b	"	27	...	"	Do.
"	343a	"	12	...	"	Do.
"	602	"	18	...	"	Do.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
Aug. 29.	136	N.E.	12	...	healthy	Satisfactory.
Aug. 30.	120	Bmy.	23	...	"	Do.
"	128	"	5	...	"	Do.
"	515	"	4	...	"	Do.
"	34	A.&W.	3	...	"	Floor and walls dirty.
Sep. 26.	172	E.	32	...	"	Satisfactory.
"	590	"	6	...	"	Do.
"	90	"	28	...	"	Do.
"	19	"	20	...	"	Do.
"	145	"	29	I (?tuber- culous)	others healthy.	2 satisfactory, 1 not.
"	964	"	12	I (?tuber- culous)	others healthy	Satisfactory.
Sept. 28.	909	Bmy.	14	...	healthy	Do.
"	173	"	16	...	"	Do.
"	406	W.H.	23	...	"	Do.
"	77	Bmy.	cows out.	...	...	Do.
Oct. 4.	964	E.	I	...	(See Sept. 26th).	
"	145	"	I	...	(See Sept. 26th).	
Oct. 5.	550	Hdy.	10	...	healthy	Satisfactory.
"	338	N.	cows out.	...	...	Do.
"	216	Hdy.	cows out.	...	...	
"	146	"	36	...	healthy	Satisfactory.
"	912	"	13	...	"	Do.
"	591	"	11	...	"	Do.
"	592	"	15	...	"	Do.
"	353	"	10	...	"	Do.
"	676	"	10	...	"	Some cows dirty, shed, walls, and floor dirty.
Oct. 6.	216	"	7	...	healthy	Satisfactory.
"	94	"	cows out.	...	...	Do.
"	522	N.	17	...	healthy	Do.
"	196	"	20	...	"	Do.
"	544	"	cows out	...	...	Do.
Oct. 11.	159	E.H.	21	...	healthy	Do.
Oct. 17.	593	A.&W.	I	...	I (?tuber- culous) (See Oct. 4th)	
"	964	E.	I	(confirmed tuber- culous).	(S Oct. 4th)	
"	145	"	I	...	(S Oct. 4th)	
"	553	N.	I	I (tuber- culous)	...	
"	553	"	22	...	healthy	Satisfactory.
Oct. 19.	493	E.H.	29	...	"	Do.
"	633	"	10	...	"	Do.
"	378	W.H.	cows out	...	..	Floor dirty.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
Oct. 26.	78	Bmy.	21	1 (mastitis)	others healthy	Satisfactory.
"	199a	"	cows out.	...	...	
"	249	"	10	...	healthy	Satisfactory.
"	400	"	27	...	"	Do.
"	73	"	27	...	"	Do.
"	635	"	12	...	"	Do.
"	77	"	40	...	"	Do.
Oct. 27.	593	A.&W.	cows out.	...	...	
"	431	"	35	...	healthy	Satisfactory.
"	813	"	47	...	"	Do.
"	164	Hdy.	1	...	"	Do.
"	321	"	cows out.	...	...	Being cleaned.
"	35	N.	10	...	healthy	Some cows dirty, shed walls dirty.
Oct. 31.	136	N.E.	* 12	...	healthy	
Nov. 1.	145	E.	1	(confirmed tuberculous.)	(See Oct. 17th)	
Nov. 8.	92	Bmy.	cows out.	...	...	Satisfactory.
"	801	"	5	1 (? tuberculous.)	others healthy.	Walls dirty.
"	585	"	14	...	healthy	Satisfactory.
"	199b	"	...	...	...	Unoccupied.
"	199a	"	cows out.	...	...	Walls dirty.
Nov. 9.	295	N.E.	8	...	healthy	Satisfactory
"	136	"	12	...	1 (? tuberculous)	Fairly clean.
"	220	"	cows out.	...	...	Satisfactory.
"	137	"	...	...	...	Unoccupied.
Nov. 10.	593	A.&W.	5	...	healthy	Satisfactory.
Nov. 16.	593	"	1	1 (? tuberculous.)	(See Oct. 17th)	
"	141	Bmy.	21	1 (mastitis)	others healthy.	Satisfactory.
"	801	"	1	recovered.	(See Nov. 8th)	Do.
"	49	N.W.	25	...	healthy	Do.
"	609	Hdy.	14	...	"	Do.
"	213	"	5	...	"	Do.
"	393	"	35	...	"	Do.
"	347	"	6	...	"	Do.
"	738	"	6	...	"	Do.
"	195	N.	18	...	"	Do.
Nov. 17.	138	N.E.	48	...	"	Do.
"	574	Bmy.	14	...	healthy but dirty	Do.
"	682b	"	6	...	healthy	Clean.
"	167a	Hdy.	21	...	"	Satisfactory.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
Nov. 17.	389	Hdy.	12	...	healthy	Satisfactory.
"	321	"	15	...	"	Do.
"	136	N.E.	1	...	(See Nov. 9th)	
"	220	"	23	...	healthy	Satisfactory.
"	243	Bmy.	8	...	"	Some cows dirty. Shed walls dirty.
"	201	"	...	...	...	Unoccupied.
"	682a	"	20	...	healthy	Satisfactory.
"	822	"	13	...	"	Do.
"	21	"	...	...	...	Locked up.
"	209	"	10	...	healthy	Fairly clean.
Nov. 18	592	Hdy.	15	...	"	Satisfactory.
"	70	Bmy.	5	...	"	Do.
"	410	"	9	...	"	Do.
"	147	"	6	...	"	Do.
"	322	"	5	...	"	Do.
"	470	"	2	...	"	Do.
"	51	"	...	...	...	Unoccupied.
"	227b	"	6	...	healthy	Satisfactory.
"	227a	"	9	...	"	Do.
"	352	"	10	...	"	Do.
"	337	"	22	...	"	Do.
"	360	"	22	...	"	Do.
"	681	"	4	...	"	Do.
"	63	"	6	...	"	Do.
Nov. 21.	665	N.	16	...	"	Do.
"	4	"	6	...	"	Do.
"	67	"	2	...	"	Do.
"	170	"	22	...	"	Do.
Nov. 22.	77	Bmy.	1	1 (mastitis)	...	
"	406	W.H.	20	...	healthy	Satisfactory.
Nov. 23.	90	E.	26	...	"	Do.
"	19	"	20	...	"	Do.
"	145	"	28	...	"	Do.
"	964	"	11	...	"	Do.
"	172	"	33	...	"	Do.
"	590	"	...	...	...	Locked up.
Nov. 24.	85	Hol.	6	...	healthy	Satisfactory.
"	64	W.H.	...	...	...	Converted into stable.
"	150	Hol.	6	...	healthy	Satisfactory.
"	677	W.H.	4	...	"	Do.
"	135	"	11	...	"	Do.
"	390	"	22	...	"	Do.
"	392	"	7	...	"	Do.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910. Nov. 24.	43	W.H.	28	...	healthy	Some cows dirty, sheds satisfactory.
"	153	C.	8	...	"	Clean.
"	7	"	5	"	"	Satisfactory.
"	66	"	12	1 (mastitis)	others healthy	Do.
"	39	N.	33	...	healthy	Do.
"	552	Bnk.	24	...	"	Do.
Nov. 25	670	E.H.	11	...	"	Clean, light and ventilation obstructed.
"	266	"	4	...	"	Satisfactory.
"	835	S.	12	...	"	Do.
"	590	E.	7	...	"	Do.
"	45	N.	13	...	"	Do.
"	553	"	24	...	"	Do.
"	678	"	8	...	"	Do.
"	154	"	1	...	"	Do.
"	343 ^b	"	29	...	"	Do.
"	343 ^a	"	13	...	"	Do.
"	602	"	18	...	"	Do.
Nov. 28.	104	A.&W.	18	...	"	Some cows dirty, sheds satisfactory.
"	126	Bmy.	13	...	"	Satisfactory.
"	36	"	2	...	"	Do.
"	99	A.&W.	22	...	"	Do.
"	38	"	25	...	"	Do.
"	256	"	9	...	"	Do.
"	593	"	5	...	"	Do.
"	593	"	1	(confirmed tuberculous)	(See Nov. 16th)	
Nov. 29.	430	Bmy.	15	...	healthy	Satisfactory.
"	332	W.H.	67	...	"	Do.
"	96	"	14	...	"	Walls and floor dirty.
"	88	N.W.	25	...	"	Satisfactory.
"	616	"	25	...	"	Do.
"	284	"	21	...	"	Do.
"	680	Bnk.	3	...	"	Do.
"	86	N.W.	...	...	...	No cows kept.
Nov. 30.	159	E.H.	22	...	healthy	Satisfactory.
"	633	"	10	...	"	Do.
"	493	"	31	...	"	Fairly clean.
"	378	W.H.	6	...	"	Floor dirty.
"	593	A.&W.	1	...	(See Nov. 28th)	
"	708	"	19	...	healthy	Satisfactory.
"	148	Bmy.	16	...	"	Walls and floors dirty, ventilation obstructed.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
Nov. 30.	141	Bmy.	19	...	healthy	Satisfactory.
"	141	"	1	...	(See Nov. 16th)	Do.
"	318	"	24	...	healthy	Do.
"	127	"	cows out.	...	...	Do.
"	120	"	24	...	healthy	Some cows dirty, shed fairly clean.
"	128	"	7	...	"	Satisfactory.
"	515	"	...	...	...	Unoccupied.
"	34	A.&W.	cows out.	...	...	Fairly clean.
"	402	"	11	...	healthy	Satisfactory.
"	246b	"	6	...	"	Do.
"	246a	"	10	...	"	Fairly clean.
Dec. 1.	812	Hdy.	4	...	"	Satisfactory.
"	714	"	6	...	"	Do.
"	167b	"	16	...	"	Do.
"	216	"	8	...	"	Do.
"	201	"	7	...	"	Clean.
"	912	"	17	...	"	Satisfactory.
"	146	"	36	...	"	Do.
"	591	"	10	...	"	Do.
"	219	"	10	...	"	Do.
"	353	"	9	...	"	Some cows dirty, shed satisfactory.
"	550	Hdy.	10	...	"	Satisfactory.
"	75	"	19	...	"	Walls dirty.
"	94	"	10	...	"	Satisfactory.
"	522	N.	21	...	"	Do.
"	544	"	10	...	"	Do.
"	338	"	1	...	"	Do.
Dec. 7.	10	A.&W.	7	...	"	Some cows dirty, shed satisfactory.
"	372	"	4	...	"	Satisfactory.
"	909	Bmy.	14	...	"	Do.
"	173	"	18	...	"	Do.
"	77	"	39	...	"	Do.
"	77	"	1	recovered.	(See Nov. 22nd)	
Dec. 8.	101	E.	15	...	healthy	Satisfactory.
"	351	"	10	...	"	Do.
"	478	N.E.	19	...	"	Do.
"	631	E.	7	...	"	Do.
Dec. 13.	167a	Hdy.	1	1 (? tuberculous)	...	
Dec. 14.	431	A.&W.	34	...	healthy	Satisfactory.
"	813	"	48	...	"	Some cows dirty, sheds satisfactory.
"	321	Hdy.	15	...	"	Satisfactory.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1910.						
Dec. 14.	35	W.	11	...	healthy	Satisfactory.
Dec. 16.	195	N.	1	1 (sub-cutaneous abscess)		
Dec. 21.	78	Bmy.	21	...	healthy	Satisfactory.
"	199a	"	12	...	"	Do.
"	199b	"	...	...	...	Unoccupied.
"	765	"	11	...	healthy	Satisfactory.
"	585	"	14	...	"	Do.
"	801	"	5	...	"	Do.
"	92	"	5	...	"	Do.
"	249	"	11	...	"	Do.
"	400	"	27	...	"	Do.
"	73	"	28	...	"	Do.
"	635	"	13	...	"	Do.
Dec. 22.	195	N.	1	...	(See Dec. 16th)	
Dec. 28.	352	Bmy.	10	...	healthy	Satisfactory.
"	337	"	20	...	"	Do.
"	227a	"	9	...	"	Do.
"	227b	"	6	...	"	Do.
"	470	"	2	...	"	Do.
"	322	"	5	...	"	Do.
"	147	"	6	...	"	Do.
"	410	"	9	...	"	Do.
"	681	"	3	...	"	Do.
"	360	"	23	...	"	Do.
"	63	"	6	...	"	Do.
"	243	"	9	...	"	Do.
"	682a	"	20	...	"	Do.
"	822	"	12	...	"	Do.
"	21	"	...	...	healthy	Converted into stable.
"	209	"	10	...	...	Satisfactory.
"	51	"	11	...	"	Clean.
"	70	"	5	...	"	Satisfactory.
"	574	"	14	...	"	Do.
"	682b	"	7	...	"	Clean.
"	389	Hdy.	11	...	"	Satisfactory.
"	167a	"	21	...	"	Do.
"	167a	"	1	...	(See Dec. 13th)	
Dec. 30.	195	N.	1	...	(See Dec. 22nd)	

TABLE VIII b.

Samples of Milk sent to the Bacteriological Laboratory
for Examination for Tubercle during 1910.

Date.	Where farm is situate.	No. of retailer.	Result of the test.
1910.			
Jan. 4	Seacroft }	293	† Not tuberculous.
"	Do. }	422	† Do.
"	Killingbeck	215	† Do.
Jan. 11	Apperley Bridge }	412	† Do.
"	Do. }	412	† Do.
"	Settle	299	† Do.
"	Horton-in-Ribbles- dale	306	† Do.
Jan. 18	Middleton }	301	† Do.
"	Do. }	301	† Do.
Jan. 22	Rawdon	274	* Do.
Jan. 25	Churwell }	301	† Do.
"	Do. }	301	† Do.
Feb. 2	Earby	421	† Do.
"	Guiselley }	207	† Do.
"	Do. }	207	† Do.
"	Elslack	76	† Do.
Feb. 8	Bramhope }	127	† Do.
"	Do. }	23	† Do.
"	Do.	601	† Do.
Feb. 9	Horton-in-Ribbles- dale	306	† Do.
"	Settle	299	† Do.
Feb. 16	Wakefield }	421	† Do.
"	Do. }	421	† Do.
Feb. 15	Adel	485	† Do.
"	Leeds	485	† Do.
Feb. 22	Rawdon }	125	‡ Tuberculous.
"	Do. }	125	‡ Not tuberculous.
"	Do. }	274	† Tuberculous.
"	Do. }	274	† Do.
Mar. 1	Adel	319	† Not tuberculous.
"	Guiselley	412	† Do.
"	Halton	93	† Do.
Mar. 8	Hellifield }	158	† Do.
"	Do. }	158	† Do.
"	Alne	306	† Do.
"	Bishop Monkton	546	† Do.
Mar. 15	Shadwell }	355	† Do.
"	Do. }	355	† Do.
Mar. 30	Apperley Bridge }	578	† Incomplete.
"	Do. }	259	† Not Tuberculous.

* From single cows.

† Original specimen.

‡ Control specimen.

TABLE VIIIb.—Continued.

Date.	Where farm is situate.	No. of retailer.	Result of the test.
1910			
April 12	Shadwell } ..	286	†Not tuberculous.
"	Do. } ..	286	† Do.
April 13	Marston Moor ..	421	† Do.
April 19	Goldsboro' ..	421	† Do.
April 21	Hetton ..	215	† Do.
April 19	Scarcroft } ..	236	†Tuberculous.
"	Do. } ..	236	† Do.
April 28	Ryshworth Bridge ..	605	†Not tuberculous
"	Ben Rhydding ..	3	†Tuberculous
April 27	Bramhope } ..	499	†Not tuberculous.
"	Do. } ..	499	† Do.
May 4	Horsforth ..	27	† Do.
"	Old Bramhope ..	190	† Do.
"	Gargrave ..	340	† Do.
"	Elslack ..	76	† Do.
May 10	Fearby } ..	186	† Do.
"	Do. } ..	603	† Do.
"	Stanningley } ..	269	†Tuberculous.
"	Do. } ..	269	† Do.
May 25	Addingham ..	421	†Not tuberculous.
"	Do. ..	421	† Do.
"	Elslack ..	207	† Do.
"	Leeds ..	148	* Do.
June 1	Rylston ..	116	†Not tuberculous.
"	Oakworth ..	687	†Tuberculous.
June 2	Ripley Valley ..	306	†Not tuberculous.
"	Bolton Percy ..	421	†Tuberculous.
June 7	Leeds } ..	243	†Not tuberculous.
"	Do. } ..	580	† Do.
"	West Carlton } ..	546	† Do.
"	Do. } ..	546	†Tuberculous.
June 14	Rawdon ..	176	†Not Tuberculous.
June 15	Barnbow ..	306	† Do.
"	Marston Moor } ..	421	† Do.
"	Do. } ..	421	† Do.
June 23	Stainburn ..	688	† Do.
June 24	Calverley } ..	97	†Tuberculous.
"	Do. } ..	97	† Do.
June 29	Guisseley ..	71	†Not Tuberculous.
"	Swillington ..	689	† Do.
"	Apperley Bridge ..	581	† Do.
July 5	Horsforth ..	328	† Do.
"	Weeton ..	50	† Do.
"	Pool ..	50	† Do.
"	Whinmoor ..	222	†Tuberculous.

* From single cows.

† Original specimen.

TABLE VIII b.—Continued.

Date.	Where farm is situate.	No. of retailer.	Result of the test.
1910			
July 12	Weeton }	422	†Not tuberculous.
"	Do. }	422	† Do.
"	Do. }	422	† Do.
July 13	Bolton Percy	422	†Not tuberculous.
July 19	Nidd Bridge.. ..	306	† Do.
"	Colton	380	† Do.
July 20	Seacroft	330	† Do.
July 26	Otley	207	† Do.
"	Apperley Bridge }	150	† Do.
"	Do. }	302	† Do.
July 28	Pool	P'vte	† Do.
Aug. 3	Thorner	317	† Do.
Aug. 4	Low Bentham }	442	† Do.
"	Do. }	186	† Do.
Aug. 10	Silsden	238	† Do.
"	Hellifield	306	† Do.
Aug. 11	Leeds }	120	† Do.
"	Do. }	120	† Do.
Aug. 16	Seacroft	625	† Do.
"	Swillington	436	† Do.
"	Rawdon	76	† Do.
"	Do.	561	† Do.
Aug. 23	Guiseley	215	† Do.
"	Rawdon }	97	†Incomplete.
"	Do. }	97	†Not tuberculous.
Aug. 24	West Carlton }	546	† Do.
"	Do. }	546	† Do.
Aug. 25	Oakworth	215	†Incomplete.
Aug. 31	Halton }	525	†Not tuberculous.
"	Do. }	525	†Incomplete.
Sept. 7	Tadcaster }	421	†Not tuberculous.
"	Do. }	421	† Do.
Sept. 20	Rawdon }	97	†Tuberculous.
"	Do. }	97	† Do.
"	Moortown	45	†Not tuberculous.
"	Wigton	45	† Do.
Sept. 28	Whinmoor	222	† Do.
"	Gargrave }	421	† Do.
"	Do. }	421	† Do.
Oct. 4	Leeds	145	*Tuberculous.
Oct. 5	Ingleton	306	†Not tuberculous.
"	Boroughbridge	674	† Do.
Oct. 12	Apperley Bridge	31	† Do.
"	Do.	259	† Do.
"	Birstwith }	306	† Do.
"	Do. }	306	† Do.

* From single cows.

† Original specimen.

‡ Control specimen.

TABLE VIII b.—Continued.

Date.	Where farm is situate.	No. of retailer.	Result of the test.
1910			
Oct. 19	Ripon ..	421	†Not tuberculous.
"	Barnoldswick)	421	† Do.
"	Do.)	421	†Tuberculous.
"	Do.)	421	†Not tuberculous.
Oct. 25	Pool ..	79	†Incomplete.
"	Bramhope ..	559	†Not tuberculous.
"	Horsforth ..	489	† Do.
"	Do. ..	558	† Do.
Nov. 1	Yeadon ..	118	† Do.
"	Do. ..	536	† Do.
"	Husthwaite ..	421	† Do.
Nov. 9	Rylston ..	306	† Do.
"	Gargrave ..	P'vte	† Do.
"	Grassington)	259	† Do.
"	Do.)	259	† Do.
"	Wyke ..	221	† Do.
"	Shadwell ..	—	† Do.
Nov. 10	Rawdon ..	97	* Do.
Nov. 16	Hawes)	158	† Do.
"	Do.)	158	† Do.
Nov. 17	Whinmoor ..	152	† Do.
"	Roundhay ..	716	†Tuberculous.
"	Leeds ..	136	*Not tuberculous.
Nov. 25	Alwoodley ..	324	† Do.
"	Leeds ..	259	† Do.
Nov. 30	Earby)	555	† Do.
"	Do.)	555	† Do.
"	Menston ..	616	† Do.
"	Old Bramhope ..	190	† Do.
Dec. 8	Pannal ..	306	† Do.
"	Pool ..	8	† Do.
Dec. 13	Apperley Bridge ..	587	†Tuberculous.
Dec. 14	Wormald Green ..	421	† Do.
"	Bardsey)	421	†Not tuberculous.
"	Do.)	421	† Do.
Dec. 20	Middleton ..	557	† Do.
"	Guisseley ..	110	† Do.
Dec. 21	East Keswick ..	421	† Do.
"	Copmanthorpe ..	421	† Do.

* From single cows.

† Original specimen.

TABLE IX.

Samples of food sent to the City Analyst for examination
during the 52 weeks ended 31st December, 1910.

Article.	Genuine.	Adul- terated.	Total.	Sum- moned.	Con- victed.	Dis- missed	With- drawn.
Milk	413	154	567	36	32	3	1
Butter	12	2	14	1	...	1	...
Lard	17	...	17	...	...	...	...
Jam	3	2	5	...	...	...	...
Flour of Sulphur	6	...	6	...	...	...	...
Cream of Tartar	7	...	7	...	...	...	...
Honey	1	...	1	...	...	...	...
Tinned Peas	1	2	3	...	...	...	...
Castor Oil... ..	1	...	1	...	...	...	...
Whisky	...	1	1	...	...	..	...
Treacle	3	...	3	...	...	...	...
Vinegar	4	1	5	...	...	...	...
Cream	1	..	1	...	...	...	...
Olive Oil	1	...	1	...	...	...	...
Total	470	162	632	37	32	4	1

TABLE IXa.

Summonses issued during the 52 weeks of 1910 under the Sale of Food and Drugs Acts, 1875, 1879 and 1899, for articles other than butter.

No. Sample.	Article.	Percentage of adulteration.				Fines.			Remarks.
						£	s.	d.	
19	Milk ...	20%	added water	...	...	2	0	0	and costs; retailer
22	} Do. ...	13%	do.	...	...	15	0	0	and costs; whole- sale; third con- viction
23									
53	Do. ...	10%	added water, 4% fat re- moved	...	...	0	10	0	retailer; see No. 129
87	Do. ...	10%	added water	...	...	—	—	—	dismissed on war- ranty; retailer
89	Do. ...	15%	do.	..	...	—	—	—	to pay costs; re- tailer; see No. 91
91	Do. ...	8%	do. 8% fat removed	...	...	7	0	0	and costs; whole- sale; supplied 89
96	Do. ...	7%	do.	...	...	0	10	0	wholesale
129	Do. ...	12%	do.	...	...	5	0	0	and costs; whole- sale; supplied 53
206	Do. ...	15%	do.	...	...	—	—	—	to pay costs; re- tailer; see No. 208
208	Do. ...	19%	do.	...	..	3	0	0	and costs; whole- sale; supplied 206
226	Do. ...	24%	do.	..	...	5	0	0	and costs; whole- sale
244	Do. ...	6%	do. 5% fat removed	...	...	0	10	0	and costs; retailer
251	Do. ...	18%	do.	...	...	3	0	0	do. do.
298	Do. ...	11%	do.	...	...	5	0	0	do. do.
307	Do. ...	11%	do.	...	...	1	0	0	do. whole- sale
324	Do. ...	20%	fat removed	...	...	1	0	0	retailer
326	Do. ...	28%	added water	...	...	1	0	0	and costs; re- tailer; see No. 460
328	Do. ...	8%	do.	...	...	—	—	—	withdrawn; re- tailer; see No. 331
330	Do. ...	12%	do.	...	...	—	—	—	withdrawn; re- tailer; see No. 331
331	Do. ...	10%	do.	..	...	5	0	0	and costs; whole- sale

TABLE IXa.—Continued.

No. of sample.	Articles.	Percentage of adulteration.				Fines.			Remarks.
						£	s.	d.	
337	Milk ...	8%	added water	...	...	—			to pay costs ;
339	Do. ...	11%	do.	...	...	0	10	0	wholesale
340	Do. ...	15%	do.	...	...	0	10	0	and costs ; retail-
345	Do. ...	15%	do.	...	...	1	0	0	er ; see No. 331
353	Do. ...	6%	do.	...	...	—			and costs ; retail-
347	Do. ...	10%	do.	...	...	1	0	0	er ; see No. 331
354	Do. ...	6%	do.	...	...	3	0	0	and costs ; retail-
377	Do. ...	12%	do.	...	...	—			er ; see No. 354
391	Do. ...	16%	do.	4% fat removed	...	5	0	0	summoned too
394	Do. ...	7%	do.	...	...	1	0	0	late ; wholesale
460	Do. ...	15%	do.	...	...	7	0	0	and costs ; retailer
543	Do. ...	25%	do.	...	...	2	0	0	and costs ; whole-
580	Do. ...	15%	do.	9% fat removed	...	10	0	0	sale ; supplied
586	Do. ...	11%	do.	...	...	0	10	0	377
587	Do. ...	7%	do.	...	...	0	10	0	retailer
589	Do. ...	11%	do.	...	...	—			and costs ; whole-
616	Do. ...	15%	do.	...	...	—			sale ; supplied
489 and 497	Do. ...	For obstructing the inspector and a common assault upon him ...				2	0	0	326
									and costs ; retailer
						£	88	10	0

TABLE IXc.

Adulterated Samples where no proceedings were taken.

No. of Sample.	Article.	Adulteration.	Remarks.
1	Milk	3.4% fat removed	purchased officially
4	Do.	2.4% added water	do.
5	Do.	3.0% added water, 20% fat removed	private sample (brought by consumer)
7	Do.	2.2% added water	purchased officially
10	Do.	4.0% do.	do.
20	Do.	4% added water, 2% fat removed	do.
24	Do.	2.6% added water	do.
26	Do.	4.4% do.	private sample (sent by dealer)
27	Do.	2.4% do.	purchased officially
35	Do.	1.5% do.	do.
36	Do.	2.6% do.	do.
37	Do.	1.5% do.	do.
38	Do.	2.4% do.	do.
41	Do.	2.4% do.	do.
43	Do.	10% do.	private sample (see No. 589 of 1909, outside district)
49	Do.	13% do.	} private sample
52	Do.	11% do.	
55	Do.	3% do.	purchased officially
73	Do.	3% do.	do.
74	Do.	3% do.	do.
75	Do.	3% do.	do.
80	Do.	9% do.	do. (skim)
88	Do.	19% added water, 14% fat removed	private sample (see No. 19)
90	Do.	1.2% added water	purchased officially
92	Do.	1.2% do.	do.
101	Do.	3.2% do.	do.
102	Do.	1.8% do.	do.
118	Do.	13% fat removed	private sample (brought by consumer)
119	Do.	1.3% added water	purchased officially
133	Do.	1.8% do.	do.
138	Do.	3.6% do.	do.
139	Do.	4.7% do.	do.
140	Do.	1.5% do.	do.
141	Do.	1.5% do.	do.
143	Do.	1.8% do.	do.
149	Do.	26% do.	private sample (see No. 96)
158	Do.	4% do.	purchased officially
159	Do.	2.3% do.	do.
163	Do.	2% do.	do.
178	Do.	1.8% added water, 1.6% fat removed	private sample (sent by retailer)
186	Do.	5% do. 10.8% do.	private sample
195	Do.	5% fat removed	purchased officially
199	Do.	3.6% added water	do.
222	Do.	4.7% do.	do.
230	Do.	4.7% do.	do.
231	Do.	2.3% do.	} private sample
235	Do.	2.6% do.	
241	Do.	2.6% do.	purchased officially

TABLE IXc.—Continued.

No. of Sample.	Article.	Adulteration.	Remarks.
245	Milk	3.0% added water	purchased officially
255	Do.	6% fat removed	do.
267	Do.	2.4% added water, 14.3% fat removed	private sample (sent by dealer)
268	Do.	5.7% do. 11% do.	do. do.
278	Do.	4% added water	purchased officially
288	Do.	4% do.	do.
289	Do.	2.4% added water, 4.3% fat removed	private sample
296	Do.	4.2% added water	purchased officially
297	Do.	2.7% do.	do.
298	Do.	1.1% do.	do.
299	Do.	4.6% added water, 5.4% fat removed	private sample
311	Do.	1.4% added water	purchased officially
317	Do.	4.5% do.	do.
318	Do.	3.4% do.	do.
329	Do.	4.3% added water, 2.4% fat removed	do.
333	Do.	1.4% added water	do.
335	Do.	1.4% do.	do.
336	Do.	4.7% added water, 5.3% fat removed	do.
342	Do.	4% added water	do.
343	Do.	4.8% do.	do.
344	Do.	4.5% do.	do.
346	Do.	6% fat removed	do.
350	Do.	3% added water	do.
351	Do.	4.4% do.	do.
352	Do.	4.2% do.	do.
355	Do.	4.7% do.	do.
356	Do.	4.9% do.	do.
357	Do.	29% do.	private sample
359	Do.	13% do.	do.
363	Do.	6% fat removed	purchased officially
365	Do.	2.4% added water, 9.6% fat removed	do.
376	Do.	3.2% added water	do.
381	Do.	4% do.	do.
382	Do.	4% do.	do.
384	Do.	2% do.	do.
411	Do.	2.9% do.	do.
412	Do.	7% do.	private sample
426	Do.	4% do.	do.
446	Do.	4.7% do.	do.
450	Do.	3.2% do.	do.
451	Do.	2.6% do.	do.
479	Do.	3.7% do.	do.
489	Do.	25% do.	} see obstruction
497	Do.	34% do.	
509	Do.	1.3% do.	purchased officially
514	Do.	15% do.	do. (analysis not reliable, milk decomposed)
519	Do.	3% do.	purchased officially
520	Do.	3.8% do.	do.
521	Do.	3% do.	do.
522	Do.	8% do.	private sample

TABLE IXc.—*Continued.*

No. of Sample.	Article.	Adulteration.					Remarks.
534	Milk	...	7.7% fat removed	...	...	...	purchased officially
536	Do.	...	3% added water	...	...	...	do.
542	Do.	...	2.4% do.	...	...	...	do.
550	Do.	...	5% fat removed	...	...	...	do.
551	Do.	...	2.6% added water	...	...	...	do.
591	Do.	...	4.7% added water, 3% fat removed	...	...	...	do.
602	Do.	...	1.8% added water	...	...	...	do.
605	Do.	...	1.8% do.	...	...	...	do.
622	Do.	...	15% fat removed	...	...	...	private sample
625	Do.	...	2% added water	...	...	...	purchased officially
626	Do.	...	2% do.	...	...	...	do.
629	Do.	...	10% do.	...	...	...	incomplete analysis

TABLE Xa.

WORK OF MEAT INSPECTORS.

Meat, etc. destroyed by consent 1908, 1909 and 1910.

	1910.	1909.	1908 (53 weeks).
Beef	61,072 lbs.	78,185 lbs.	88,418 lbs.
Veal	5,510 ..	4,722 ..	6,093 ..
Oxtails*	96 ..	280 ..	—
Mutton	11,013 ..	7,865 ..	7,861 ..
Sheeps' Kidneys* ..	20 ..	180 ..	—
Pork	2,719 ..	5,124 ..	5,941 ..
Ham or bacon ..	—	—	5½ ..
Venison	10 ..	—	—
Offals	6,479 ..	8,489 ..	4,714 ..
Tinned meats ..	—	—	918 ..
Rabbits*	3,772 ..	442 ..	1,286 ..
Hares*	632 ..	71 ..	—
Pigeons*	—	205 ..	—
Fowls*	—	—	793 ..
Turkeys*	3,492 ..	—	—
Quails	1,800	—	—
Eggs	3,485	700	—
Cheese	—	—	100 lbs.
Milk	—	—	69 tins
Fish	4,360 lbs.	4,222 lbs.	4,996 lbs.
Fruit	7,384 ..	2,788 ..	1,330 ..
Tinned fruit	—	—	1,248 ..
Vegetables	5,633 ..	—	2,016 ..
Pickled cabbage ..	224 ..	—	—
Visits to Markets, shops and railway stations	6,146	4,559	5,827
Visits to slaughter houses and knackers' yards	8,473	7,194	5,421

* Approximate weights.

TABLE XI.
Smoke, 1910 (52 weeks).

Complaints received	...	...	...	...	...	25
Furnaces inspected	...	...	...	...	...	7,968
Observations taken of chimneys (for a period of sixty minutes each)	...	...	...	...	...	1,828
Total number of minutes dense smoke	...	...	...	...	...	3,014
Average minutes duration of dense smoke during each observation of one hour (1 minute 39 seconds)	...	...	...	...	...	
Smoke prevention appliances adapted to furnaces	...	...	...	...	...	66
Chimneys newly erected	...	...	...	...	...	12
Furnaces in connection with new chimneys	...	...	...	...	...	13
Notices served upon manufacturers	...	...	...	...	...	10
Do. do. stokers	...	...	...	...	...	15
Persons summoned before the magistrates	...	...	...	...	...	—
Do. convicted	...	...	...	...	...	—

TABLE XII.
Work done by Disinfecting Staff, 1910 (52 weeks).

Houses disinfected	...	...	...	...	4,297
Rooms disinfected (stripped 193, limewashed 662)	...	...	...	...	12,344
Beds and mattresses disinfected	...	...	...	...	8,195
Articles of bed clothing disinfected	...	...	...	...	32,119
Articles of wearing apparel disinfected	...	...	...	...	62,458
Miscellaneous articles disinfected	...	...	...	...	18,003

TABLE XIII.

Cases removed to hospital by our own staff.
Classified according to diseases certified.

Small-pox.	Scarlet fever.	Diphtheria.	Typhus fever.	Typhoid fever.	Other diseases.	Total, 1910.
1	1,559	719	1	103	45	2,428

(52 weeks).

TABLE XIV.

Return for the 52 weeks ended 31st December, 1910,
of patients in hospital.

	1 Small-pox.	2 Scarlet fever.	3 Diphtheria.	4 Typhus fever.	5 Enteric, or typhoid fever.	6 Other or doubtful cases.	7 Total.
No. in Hospital on Saturday, 1st January, 1910 ...	...	219	141	...	32	27	419
No. since admitted ...	...	1,515	709	...	69	295	2,588
No. discharged ...	...	1,392	693	...	77	268	2,430
No. died ...	...	34	43	...	11	23	111
No. remaining in Hospital, 31st December, 1910 ...	...	308	114	...	13	31	466

TABLE XV.

Canal Boats (52 weeks).

Registered during the year 1910 ...	...	8
Re-registered do. ...	...	2
Transferred to fresh owners ...	...	6
Struck off register (on adjusting register) ...	...	47
On register, 1st January, 1911 ...	...	230
Visits of inspection to wharves and locks ...	...	958
Boats completely inspected (267 boats) ...	...	507
Infective disease (erysipelas)... ...	...	1

TABLE XVI.
Houses Let in Lodgings.

	Houses.	Rooms.
Registered during 1910; let as furnished rooms	20	74
Struck off register	—	—
On register, 1st January, 1911	145	372
Houses let in lodgings visited, but not registered	391	966
Houses examined for registration during the year	72	327
Drain testings 114 (defects found 29 in 13 houses).		
Retestings of the above 13 houses on completion of work, 16.		
Other visits for abatements, etc., 326.		
Visited for infective disease other than small pox, 27.		
Visits to houses on account of suspected case of small-pox, 50.		
Visits for additional inspection, 7,159.		
Nuisances found and abated—		
	Found.	Abated.
Dirty and bad bedding	26	26
Dirty rooms	48	52
Defective roofs	22	22
Defective drains	44	40
Dirty closets	36	32
Overcrowded rooms	14	13
Defective eaves-spouts and fall-pipes	3	3
Dangerous stairs	6	6
Defective floors	8	7
Defective plastering to walls	4	4
Defective water closets	8	8
Defective water pipes	8	8
Dilapidated doors to bedrooms	2	2
Ashpits to repair	2	2
Total	231	225

TABLE XVla.
University Lodging Houses.

Houses inspected during 1910, 86, with 366 rooms lettable for lodgings.	
Drain testings and retestings, 260 in 86 houses (defects found on first tests, 67 in 38 houses).	
Retestings of above on completion of work, 84.	
Retestings of drains of 133 houses previously examined 345 (defects found 11, in 8 houses).	
Retestings of above drains on completion of work, 29.	
Additional visits for abatements, etc., 171.	
Retestings of drains of houses examined in 1909 where work had not been completed that year, 39.	
Additional visits for abatements, 17.	
Total visits to these houses ...	711

The examination of Student lodging houses has been continued. Eighty-six houses not previously registered as such were examined during the year. This involved with the usual retestings, whether found sound or not, and with the testing of separate drains, in each case twice, 260 testings. These 260 separate testings do not include tests made by the Works Inspector where repairs were being effected.

The first test of these 86 houses (4 of them first tested in December, 1909) revealed that in 38 the drains were not tight. The remaining 48 were tested a second time as a matter of course, if there were several drains to the same house each of these had to be tested twice, but the result of the second test was the same as the first—negative. The 38 houses in which defects were found on the first testing of their drains were ordered to be repaired, and repeated tests were made as the work went on by the Works Inspector, and two final tests made after the work was completed by the Lodging House Inspectors. This part of the work involved 84 separate testings of the 38 faulty houses.

TABLE XVII.

Other work of Temporary Dwellings Inspector.

Visits to vans during 1910	...	...	...	...	356
" tents " "	...	...	...	...	108
" cellar dwellings or suspected dwellings	...	...	...	...	99
Additional visits to camping grounds (nuisances)	...	...	...	...	14
Visits for infective disease (vans)	...	...	...	...	5
Drains tested at camping grounds	...	...	...	...	4
Ice cream carts inspected on fair grounds	...	...	...	...	41
Total					627
Nuisances—					
				Found.	Abated.
Dirty camping ground	...	...	...	1	1
Dirty closets	...	...	...	2	2
Camping grounds without accommodation					
for van dwellers...	...	...	...	2	2
Cellar dwelling closed at 10, Cotton Street				1	1
Total					6
Visits to common lodging-houses, 1910					
" " " " " " " " " " "	...	...	...	...	577
" " " " " " " " " " "	...	...	...	...	94
Drain testings, 11 (in 5 houses); defects found 3,					
in 2 houses	...	...	...	...	5
Retesting 4 of above on completion of work	...	...	...	...	2
Additional visits for abatements, etc.	...	...	...	...	24
Total					702
Nuisances—					
				Found.	Abated.
Dirty closets	...	...	...	5	5
Stopped drains	...	...	...	6	6
Defective drains	...	...	...	4	4
" roofs	...	...	...	3	3
" fallpipes	...	...	...	4	4
" floors	...	...	...	3	3
" wall (outside)	...	...	...	1	1
" cisterns	...	...	...	6	6
Total					32

TABLE A, Part I.

Table shewing deaths recorded in the City of Leeds during the fifty-two weeks ended 31st December, 1910, classified according to cause, age, and the registration sub-districts in which they occurred.

TOWNSHIP, &c.	LEEDS.						WORKHOUSES.												Annual rate per 1,000 pop.	DEATHS OF															
	North.		West.		South E.		Hunslet.		Holbeck.		Wortley.		Kirkstall Bramley		Chapel- town.		Osmond- thorpe.			In- firmity, &c.		Fever Hospitals †		Leeds. %		Hunslet.		Holbeck.		Bramley		TOTAL Mortality in City.	Leeds persons occurring outside City †	Out- siders occurring in City.	
	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5		und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5				und 5	ov. 5
Estimated Population— 490,985	53,661	86,003	35,518	38,042	65,206	52,894	19,831	49,185	334																										
Under and over 5.	15	14	29	16	20	11	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Small-pox	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Measles	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Scarlatina	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Diphtheria	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Group (memb.)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
„ undefined	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Whooping- cough	9	31	19	12	30	7	3	7	3	3	8	1	2	1	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
„ Typhus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
„ Enteric	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
„ Other or doubtful	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Diarrhoea	20	25	32	27	3	8	1	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Cholera	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Rheumatic Fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Acute & Sub- acute Rheu- matism	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Erysipelas	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Pyæmia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Puerperal Fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Ague	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Phthisis	2	38	2	36	64	23	12	26	46	1	1	13	23	26	46	1	50	53	143	1	2	31	159	41	59	15	231	20	8	2	35	1124	2132	3256	
Bronchitis	75	72	66	91	54	61	42	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61		
Pneumonia	1	38	85	1	38	76	39	28	54	1	1	24	39	28	54	1	54	54	143	1	2	31	159	41	59	15	231	20	8	2	35	1124	2132	3256	
Pleurisy	1	38	85	1	38	76	39	28	54	1	1	24	39	28	54	1	54	54	143	1	2	31	159	41	59	15	231	20	8	2	35	1124	2132	3256	
Heart Disease	6	17	9	20	5	24	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Injury, &c.	129	172	152	119	144	129	216	56	136	25	75	53	143	1	2	31	159	41	59	15	231	20	8	2	35	1124	2132	3256	1	70	9	44	665		
Total of Above causes	158	156	166	112	116	146	233	69	168	21	89	66	195	3	4	74	321	3	4	26	227	2	37	2	23	29	1178	2356	3534	1	77	19	156	722	
All other causes	287	328	318	231	260	275	449	125	304	46	164	119	338	1	5	105	480	44	63	41	458	2	57	2	31	2	64	2302	4488	6790	2	147	28	200	1388
Total { under and over 5	615	957	655	897	724	429	210	457	6	585	107	499	33	66	40	510	4	13	9	228	149	228	228	228	228	228	228	228	228	228	228	228	228	228	
Total ..	10.5	11.2	18.5	11.1	10.5	8.1	10.6	9.3	18.0																										
Mortality per 1,000 per an.																																			

‡ Including 23 deaths in the Consumptive Hospital, Armley (see quarters returns).

* There were 107 deaths at Manston Hospital (outside the City boundary).

§ Including one death of a Leeds person in temporary premises situated in Chapeltown district.

† Deaths of Leeds persons occurring at the West Riding Lunatic Asylums, &c. ‡ 1388 includes deaths of 228 outsiders dying in Leeds, but not of 149 persons alleged to belong to Leeds dying away. These cannot be allocated to place of residence.

TABLE A, Part 2. (a)

Table of populations, registered births, and mortality at certain ages,
in the registration sub-districts.

(Public institutions regarded as sub-districts.)

Population estimated to middle of 1910 at each age group.				490,985	12,860	44,224	100,656	98,817	206,528	12,116	15,784	
REGISTRATION SUB-DISTRICTS OF LEEDS CITY.	Population at all ages.		Registered Births.	Mortality from all causes, at subjoined ages.								Death- rate per 1,000 for each district.
	Census 1901	Estimated to middle of 1910.		At all ages.	Under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 60	60 and under 65	65 and upwards	
Leeds Township—North ..	59,281	58,661	1,169	615	188	99	17	23	140	36	112	10.52
Do. do. West ..	84,340	86,003	2,056	957	201	117	24	36	268	64	247	11.17
Do. do. South ..	34,299	35,518	1,121	655	185	140	23	19	168	32	88	18.50
Hunslet	69,064	81,313	1,829	897	249	130	30	30	226	59	173	11.07
Holbeck	31,572	38,042	992	491	149	82	11	19	115	26	89	12.95
Wortley	59,328	69,206	1,266	724	184	91	29	28	183	40	169	10.50
Kirkstall	41,561	52,894	912	429	83	42	11	15	113	30	135	8.14
Bramley	17,299	19,831	390	210	35	11	10	7	59	17	71	10.63
Chapelton	31,245	49,183	1,021	457	79	40	13	19	148	31	127	9.32
Osmondthorpe	379	334	12	6	..	1	1	..	1	1	2	18.03
Infirmity	..	..	..	562	59	46	46	59	282	27	43	..
* Fever Hospitals	..	..	..	107	5	39	38	7	18	..	..	..
WORKHOUSES {	Leeds† ..	..	76	499	25	16	11	13	208	49	177	..
	Hunslet ..	..	..	59	2	..	1	2	19	9	26	..
	Holbeck ..	..	12	33	2	..	..	1	10	6	14	..
	Bramley ..	..	11	66	..	2	1	1	21	13	28	..
Consumptive Hospital ..	..	..	..	23	..	..	1	8	14	..	..	..
For the whole City ..	428,968	490,985	10,867	6,790	1,446	856	267	287	1,993	440	1,501	13.88

* There were 107 deaths at Manston Hospital (outside the city boundary). See note to table B.

† Including one death of a Leeds person, aged 80, occurring in temporary premises situated in Chapelton district.

TABLE A, Part 2 (β).

Mortality at certain ages in the registration sub-districts.
(Deaths in Public Institutions allocated to districts.)

DISTRICT	1910 (52 weeks).	Deaths at all ages.	Under 1 year.	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 60	60 and under 65	65 and upwards.	Death-rate per 1,000 for each district.
North ..	Registered in district } Registered in institutions } Total (see table E)	615 233 848	188 19 207	61 5 66	38 10 48	17 12 29	23 10 33	140 98 238	36 21 57	112 58 170	14.51
West ..	Registered in district } Registered in institutions } Total (see table E)	957 245 1,202	201 29 230	68 9 77	49 10 59	24 16 40	36 12 48	268 103 371	64 17 81	247 49 296	14.02
South-East ..	Registered in district } Registered in institutions } Total (see table E)	655 182 837	185 7 192	91 7 98	49 7 56	23 14 37	19 6 25	168 86 254	32 7 39	88 48 136	23.65
Hunslet ..	Registered in district } Registered in institutions } Total (see table E)	897 127 1,024	249 7 256	74 5 79	56 5 61	30 11 41	30 14 44	226 45 271	59 11 70	173 29 202	12.64
Holbeck ..	Registered in district } Registered in institutions } Total (see table E)	491 73 564	149 8 157	55 1 56	27 4 31	11 4 15	19 5 24	115 27 142	26 7 33	89 17 106	14.88
Wortley ..	Registered in district } Registered in institutions } Total (see table E)	724 103 827	184 2 186	57 3 60	34 6 40	29 8 37	28 5 33	183 43 226	40 13 53	169 23 192	11.99
Kirkstall ..	Registered in district } Registered in institutions } Total (see table E)	429 71 500	83 1 84	20 2 22	22 6 28	11 10 21	15 10 25	113 21 134	30 3 33	135 18 153	9.49
Bramley ..	Registered in district } Registered in institutions } Total (see table E)	210 18 228	35 .. 35	4 1 5	7 1 8	10 2 12	7 1 8	59 5 64	17 2 19	71 6 77	11.54
Chapelton ..	Registered in district } Registered in institutions } Total (see table E)	457 69 526	79 7 86	20 .. 20	20 6 26	13 11 24	19 3 22	148 20 168	31 2 33	127 20 147	10.73
Osmondthorpe	Registered in district } Registered in institutions } Total (see table E)	6 .. 6	.. .. ..	1 .. 1	.. .. ..	1 .. 1	.. .. ..	1 .. 1	1 .. 1	2 .. 2	18.03
City ..	Total of line in italics Outsiders dying in Leeds institutions. Leeds persons dying in institutions outside. NETT TOTAL	6,562 228 149 6,711	1,433 13 .. 1,433	484 4 .. 484	357 11 2 359	257 10 2 259	262 25 2 264	1,869 124 93 1,962	419 21 8 427	1,481 20 42 1,523	13.41 0.47 0.30 13.72

Deaths of Leeds persons in the City Fever Hospitals and in Hunslet Workhouse are allocated to the districts from which they were sent in.

1910.—FIRST QUARTER.

Table shewing Deaths recorded in the City of Leeds during the thirteen weeks ended 2nd April, 1910, classified according to cause, age, and the registration sub-districts in which they occurred.

TOWNSHIP &c. Estimated Population— 490,985	L E E D S.						WORKHOUSES.												Deaths of Out- siders occurring in City.								
	North.			West.			South E.			Hunslet.	Holbeck	Wortley.	Kirkstall	Bramley.	Chapel- town.	Osmond- thorpe.	In- firmary, etc.	Fever Hospitals *.		WORKHOUSES.				Con- sumptive Hos- pital.	TOTAL Mortality in City.		Annual rate per 1,000 pop.
	und.	ov.	5	und.	ov.	5	und.	ov.	5											und.	ov.	5	und.		ov.	5	
Under and over 5.	53,661	86,003	35,513	81,313	53,042	69,206	52,894	19,831	49,183	334																	
Smallpox	1	1	1	4	1	1	2	1	1	1	1	1	1	1	1	1	1	2	5	2	8	1	9	0.07			
Measles	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	10	0.08				
Scarlatina	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	4	14	0.11			
Diphtheria	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	0.02			
Croup (membr.)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	0.02			
" undefined	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	0.02			
Whooping Cough	1	4	4	3	1	14	1	2	2	2	2	2	2	2	2	2	2	2	2	2	29	2	31	0.25			
Typhus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	9	9	0.07			
Enteric	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	2	13	0.11			
Other or doubtful	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	13	0.11			
Diarrhoea	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	13	0.11			
Cholera	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01			
Rheumatic Fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01			
Acute & Sub- acute Rheu- matism	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.04			
Erysipelas	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.02			
Pyæmia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.02			
Puerperal Fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.03			
Ague	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01			
Phthisis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01			
Bronchitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01			
Pneumonia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01			
Pleurisy	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01			
Heart Disease	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01			
Injury, &c.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01			
Total of above causes	24	54	35	45	31	65	13	42	4	24	14	47	1	6	35	8	13	2	64	11	2	211	620	831	6.79		
All other causes	30	47	35	46	25	30	20	46	8	29	18	57	1	24	80	1	1	7	63	9	6	281	645	926	7.57		
Total	155	250	156	212	114	195	121	65	136	1	145	22	2	492	1265	1757	60	34.6	11.7	14.4	34.6	11.7	14.4	14.36	60		
Mortality per 1,000 per an.	10.6	11.7	17.6	10.5	12.0	11.3	9.2	13.2	11.1	12.0																	

* There were twenty-two deaths at Manston Hospital during this quarter. * English.

1910.—SECOND QUARTER.

Table shewing Deaths recorded in the City of Leeds during the thirteen weeks ended 2nd July, 1910, classified according to cause, age, and the registration sub-districts in which they occurred.

[illegible]

* There were twenty-six deaths at Manston Hospital during this quarter.

† Including the death of a Leeds person in temporary premises situated in Chapeltown district.

• English.

1910.—THIRD QUARTER.

Table shewing Deaths recorded in the City of Leeds during the thirteen weeks ended 1st October, 1910, classified according to cause, age, and the registration sub-districts in which they occurred.

[illegible]

* There were eighteen deaths at Manston Hospital during this quarter.

• English.

1910.—FOURTH QUARTER.

Table shewing Deaths recorded in the City of Leeds during the thirteen weeks ended 31st December, 1910, classified according to cause, age, and the registration sub-districts in which they occurred.

[illegible]

* There were forty-one deaths at Manston Hospital during this quarter.

English.

1911.—FIRST QUARTER.

Table shewing Deaths recorded in the City of Leeds during the thirteen weeks ended 1st April, 1911, classified according to cause, age, and the registration sub-districts to which the patients belonged. Deaths in institutions allocated to districts from which patients came.

TOWNSHIP &c.	LEEDS.																Hunslet with Osmond- thorpe.	Holbeck	Wortley and Farnley.	Kirkstall with Mean- wood.	Bramley (town- ship).	Outsid'rs dying in City.	Total Mortal- ity in City and its Hospitals.			* Institution Deaths.
	North.		N.E.		West.		South E.																			
	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5																		
Estimated Population— 498,027 (before Census)	70,246		34,520		89,703		35,670		83,026		38,770		70,323		55,650		20,119									
Under and over 5.	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	All ages			
Enteric Fever	..	1	1	..	..	..	..	..	1	1	..	..	..	1	..	1	..	..	..	..	2	4	6	..		
Smallpox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Measles	..	..	1	..	8	..	6	..	6	..	3	..	..	..	3	..	4	1	..	..	31	1	32	..		
Scarlet Fever	2	1	2	..	..	3	..	..	1	1	..	2	..	..	1	..	..	..	..	..	6	7	13	13		
Whooping Cough	10	..	8	..	7	..	17	..	4	..	1	..	4	..	2	..	..	..	..	..	53	..	53	4		
Diphtheria and Croup	3	2	3	2	2	2	..	4	11	4	4	4	10	2	1	3	2	4	..	..	36	27	63	46		
Influenza	..	4	1	1	..	2	..	..	..	1	..	1	..	2	..	1	..	..	..	..	1	12	13	1		
Erysipelas	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	2	2	1		
Cerebro- Spinal Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Phthisis(Pul- monary Tub- erculosis	1	13	2	17	2	40	2	21	..	32	..	11	..	19	..	15	..	5	..	1	7	174	181	53		
Tub. Meng. and Acute Hydroceph.	1	2	2	..	..	2	..	..	2	..	..	..	1	1	2	..	1	..	..	..	9	5	14	..		
Other Tuber- culous Dis- eases	2	..	2	3	5	5	5	5	3	1	2	1	2	4	4	2	2	1	1	1	28	23	51	15		
Rheumatic Fever	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	2	..		
Acute & Sub- acute Rhen- matism	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	2	..	..	..	..	..	4	4	..		
Cancer, Mal- ignant Dis- ease	..	21	..	6	..	17	..	11	..	14	..	9	..	10	..	12	..	7	..	21	..	128	128	53		
Bronchitis	5	15	7	5	4	26	17	13	10	21	2	15	6	26	3	6	1	4	..	1	55	132	187	14		
Broncho- pneumonia	3	..	9	2	15	5	12	6	8	1	6	3	4	..	5	..	1	..	..	..	63	17	80	4		
Pneumonia (all other forms)	2	5	4	3	6	12	3	5	9	11	2	4	..	9	1	1	2	7	..	3	29	60	89	11		
Other diseases of Respir- atory organs	3	5	..	5	2	4	1	3	..	3	..	3	2	1	..	1	1	1	..	..	9	26	35	7		
Diarrhoea	..	..	1	..	3	..	1	..	1	..	..	..	..	1	..	1	..	..	..	..	7	..	7	..		
Enteritis	..	..	2	..	3	1	..	1	..	1	..	1	..	3	..	1	1	..	..	1	10	5	15	1		
Appendicitis & Typhlitis	..	1	..	1	..	..	..	..	..	1	..	1	..	1	..	2	..	..	1	5	1	12	13	12		
Alcoholism	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Cirrhosis of Liver	..	..	..	1	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	4	4	..		
Nephritis & Bright's Disease	..	6	..	6	..	3	..	4	1	9	1	2	2	5	..	7	..	2	..	..	4	44	48	5		
Puerperal Fever	..	2	..	1	..	1	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	7	7	3		
Other acci- dents and Dis. of Preg- nancy and Parturition	..	2	..	..	..	3	..	2	..	..	..	1	..	1	..	1	..	..	..	..	..	10	10	..		
Congenital Debility & Malforma- tion inclu- ding Prem- ature Birth	3	..	6	..	17	..	18	..	19	..	10	..	15	..	8	..	4	..	1	..	106	..	106	10		
Violent D's excluding Suicide	3	2	1	4	4	6	4	4	3	3	2	4	3	6	1	2	..	4	2	8	23	43	66	7		
Suicides	..	2	..	1	..	1	..	1	..	2	..	1	..	3	..	..	..	2	..	2	..	15	15	5		
Other defin- ed Diseases	11	67	19	39	16	112	10	49	27	86	16	58	9	76	10	52	3	25	3	31	124	595	719	209		
Diseases ill- defined or unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Totals..	54	152	71	97	94	245	96	130	106	195	50	121	61	171	42	110	22	64	8	74	604	1359	1963	474		
	206		168		339		226		301		171		232		152		86		82							
Mortality per 1,000 per an.	11.8		19.5		15.2		25.4		14.6		17.7		13.2		11.0		17.2				41.9	12.4	15.8			

* Whether of "Residents" or "Non-Residents" occurring within the City.

B. I.

TABLE B, Part I. (SUB-DISTRICTS.)

TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the 52 weeks of 1910, in the Urban Sanitary District of Leeds; classified according to Diseases, Ages, and Localities.

Names of Localities adopted for the purpose of these Statistics.	Population at all ages.		Registered Births.	Aged under 5, 5 under 15, 15 upwards.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.													Number of such Cases Removed from their Homes in the several Localities for Treatment in the Isolation Hospitals.													
	Census, 1901.	Estimated to middle of 1910.			1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	12	13	
(a)	(b)	(c)	(d)	(e)	Small-pox.	Scarlatina.	Diphtheria.	Membranous Group.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.	Other.	Total.	Small-pox.	Scarlatina.	Diphtheria.	Membranous Group.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.	Other.	Total.	
North ..	59,291	58,661	1,461	Under 5, 5 under 15, 15 upwards.	63	151	53	..	..	7	..	..	..	..	2	16	105	..	56	20	..	..	7	..	..	..	..	..	16	92	
West ..	84,340	86,003	1,871	Under 5, 5 under 15, 15 upwards.	29	22	44	1	..	14	..	8	..	..	37	10	120	..	26	21	1	..	13	..	1	..	..	6	10	207	
South-East ..	34,299	35,518	1,132	Under 5, 5 under 15, 15 upwards.	168	94	1	..	..	2	..	..	6	..	49	15	154	..	38	23	..	..	2	..	1	..	..	6	14	86	
Hunslet ..	69,064	81,313	1,861	Under 5, 5 under 15, 15 upwards.	25	16	1	..	..	1	..	..	..	..	1	4	89	..	19	12	1	..	4	..	1	..	..	7	4	89	
Holbeck ..	31,572	38,042	1,004	Under 5, 5 under 15, 15 upwards.	73	49	5	..	..	11	..	..	..	..	25	8	76	..	63	32	4	..	1	..	1	..	7	8	45		
Wortley ..	59,328	69,206	1,356	Under 5, 5 under 15, 15 upwards.	212	76	..	..	..	1	..	..	..	..	5	10	143	..	192	49	..	..	2	..	1	..	7	10	110		
Kirkstall ..	41,561	52,894	944	Under 5, 5 under 15, 15 upwards.	47	34	..	..	..	16	..	..	4	..	58	7	166	..	43	22	..	..	9	..	1	..	6	6	87		
Bramley ..	17,299	19,831	405	Under 5, 5 under 15, 15 upwards.	24	17	1	..	..	..	..	..	..	..	1	3	46	..	20	11	..	..	1	..	1	..	1	2	3	38	
Chapelton ..	31,845	49,183	952	Under 5, 5 under 15, 15 upwards.	100	32	..	..	..	1	..	..	..	..	18	5	56	..	88	27	1	..	1	..	1	..	2	3	40		
Osmondthorpe ..	379	334	16	Under 5, 5 under 15, 15 upwards.	32	18	1	..	..	..	..	..	..	..	4	2	57	..	25	13	1	..	6	..	..	..	2	6	114		
Totals ..	423,968	490,985	11,002	Under 5, 5 under 15, 15 upwards.	101	42	1	..	..	6	..	..	4	..	39	2	83	..	19	3	1	..	6	..	..	..	2	5	32		
Grand total	..	..	..	All ages.	21	20	..	..	..	1	..	..	..	..	11	11	221	..	104	55	1	..	3	..	..	..	2	5	33		
					130	77	1	..	..	1	6	..	..	..	37	10	98	..	13	14	..	..	3	..	..	2	10	42	30		
					17	18	..	..	..	1	..	..	..	..	1	3	37	..	52	34	..	..	1	..	..	..	3	90	21		
					59	43	..	..	..	2	..	..	..	..	13	1	107	..	17	1	..	..	2	..	..	1	1	6	60		
					19	2	..	..	..	1	2	..	..	..	1	6	81	..	35	18	..	..	..	..	..	1	4	162	47		
					50	24	..	..	..	4	..	..	..	..	25	6	229	..	121	37	..	..	5	..	..	..	1	6	47		
					170	51	..	..	..	10	..	..	..	..	..	..	94	..	22	13	..	..	..	..	..	..	..	..	..	1	
					26	27	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	1
					2	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
					364	230	9	..	..	5	..	..	..	..	20	60	688	..	288	169	6	..	3	..	..	..	4	60	540	540	
					1133	507	4	..	..	23	..	..	..	..	17	66	1750	..	979	384	1	..	14	..	..	..	66	1444	1444		
					241	176	..	..	..	76	..	..	29	..	301	62	885	..	213	116	..	..	50	..	..	5	32	60	476	476	
					1738	913	13	..	..	104	..	..	29	..	338	188	3323	..	1490	669	7	..	67	..	..	5	36	186	2460	2460	

Notification has been compulsory since the first of May, 1894. The Small-pox Hospital is at Killingbeck, outside the town. New wards for general fever cases were opened on the Manston estate in October, 1904, and further extensions were made and completed in October, 1904. The use of the Fever Hospital in Beckett Street (the old House of Recovery) was discontinued in November, 1904, the fever cases being treated entirely in the new hospital at Manston, except that, for a short time during the furnishing, the hitherto unused Small-pox hospital at Killingbeck was utilised for the purpose. The wards of the new Small-pox hospital at Killingbeck are a quarter of a mile away from any of the buildings on the Manston estate. The whole of the fever accommodation for Leeds is now in the township of Seacroft, only a few hundred yards from the boundary of the borough itself. Seven cases of scarlet fever, seven of diphtheria, one of typhoid, and two of "other" disease, admitted to Manston Hospital, came from outside the city, and are not included in this table. Also thirty-four members of the Manston Hospital staff were admitted to Manston, eleven for scarlet fever, twenty-two for diphtheria, and one for erysipelas, all over fifteen. None of these fifteen are counted, as they could not be classified under any district of the city.

B. 2.

TABLE B, Part 2. (Wards).

Names of Localities adopted for the purpose of these Statistics.	Population at all ages.		Aged under 5, 5 under 15, 15 upwards.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.												
	Census, 1901.	Estimated to middle of 1910.		1	2	3	4	5	6	7	8	9	10	11	12	13
				Small-pox.	Scarlatina.	Diphtheria.	Membranous Croup.	Fevers.					Cholera.	Erysipelas.	Other.	TOTAL.
								Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.				
(a)	(b)	(c)	(d)													
Central	20,996	19,337	Under 5, 5 under 15, 15 upwards.	..	13 47 7	9 19 3	1 .. ..	.. .. ..	.. .. 4	.. .. ..	.. .. ..	.. .. ..	.. .. ..	1 7 6	2 3 6	25 70 27
North	38,762	50,547	Under 5, 5 under 15, 15 upwards.	..	55 149 26	15 45 22	.. .. ..	.. .. ..	.. 6 10	.. .. ..	.. .. 7	.. .. ..	.. .. ..	1 2 33	10 8 5	81 210 103
North-East	29,084	33,968	Under 5, 5 under 15, 15 upwards.	..	42 117 22	22 35 20	.. .. ..	.. .. ..	.. 5 9	.. .. ..	.. .. 1	.. .. ..	.. .. ..	1 18 6	10 3 6	75 160 76
East	23,297	31,121	Under 5, 5 under 15, 15 upwards.	..	23 38 16	15 34 10	1 1 ..	.. .. ..	2 1 9	.. .. ..	.. .. 5	.. .. ..	.. .. ..	.. 3 23	7 4 5	48 81 68
South	15,047	13,143	Under 5, 5 under 15, 15 upwards.	..	9 16 6	4 9 5	1 .. ..	.. .. ..	.. 1 4	.. .. ..	.. .. 1	.. .. ..	.. .. ..	1 2 15	.. 1 ..	15 29 31
East Hunslet	33,450	41,344	Under 5, 5 under 15, 15 upwards.	..	34 90 15	28 35 15	1 .. ..	.. .. ..	1 3 10	.. .. ..	.. .. 2	.. .. ..	.. .. ..	4 6 25	7 2 4	75 136 71
West Hunslet	29,267	34,697	Under 5, 5 under 15, 15 upwards.	..	35 132 30	20 41 17	3 .. ..	.. .. ..	.. 4 ..	.. .. ..	.. .. 2	.. .. ..	.. .. ..	1 20 4	3 10 4	62 183 77
Holbeck	27,871	34,062	Under 5, 5 under 15, 15 upwards.	..	21 77 15	15 27 11	1 .. ..	.. .. ..	.. 1 1	.. .. ..	.. .. 1	.. .. ..	.. .. ..	1 1 18	3 5 2	41 111 48
Mill Hill	7,736	6,439	Under 5, 5 under 15, 15 upwards.	..	4 12 5	6 12 4	.. .. ..	.. .. ..	.. 3 ..	.. .. ..	.. .. 1	.. .. ..	.. .. ..	2 .. 7	2 1 2	14 25 22
West	23,914	23,465	Under 5, 5 under 15, 15 upwards.	..	10 28 8	7 22 9	.. 1 ..	.. .. ..	1 2 ..	.. .. ..	.. .. 1	.. .. ..	.. .. ..	4 1 14	4 52 4	26 52 38
North-West	32,239	36,207	Under 5, 5 under 15, 15 upwards.	..	23 74 20	19 36 6	.. .. ..	.. .. ..	.. 3 4	.. .. ..	.. .. 2	.. .. ..	.. .. ..	.. 7 21	4 120 5	46 120 58
Brunswick	22,893	23,262	Under 5, 5 under 15, 15 upwards.	..	22 60 10	14 28 16	.. .. ..	.. .. ..	1 1 2	.. .. ..	.. .. 2	.. .. ..	.. .. ..	.. 9 6	1 1 6	38 90 45
New Wortley	18,734	18,301	Under 5, 5 under 15, 15 upwards.	..	2 23 4	3 8 2	1 .. ..	.. .. ..	.. 2 ..	.. .. ..	.. .. 2	.. .. ..	.. .. ..	2 13 ..	.. .. ..	8 31 23
Armley and Wortley	36,243	45,796	Under 5, 5 under 15, 15 upwards.	..	21 57 16	15 29 4	.. 1 ..	.. .. ..	.. 3 ..	.. .. ..	.. .. 1	.. .. ..	.. .. ..	2 25 2	2 5 2	40 92 51
Bramley	21,650	24,940	Under 5, 5 under 15, 15 upwards.	..	28 80 24	18 48 3	.. .. ..	.. .. ..	1 .. 3	.. .. ..	.. .. 1	.. .. ..	.. .. ..	1 14 1	4 1 ..	46 134 46
Headingley	42,785	54,356	Under 5, 5 under 15, 15 upwards.	..	22 133 17	20 79 29	.. 1 ..	.. .. ..	.. 1 6	.. .. ..	.. .. ..	.. .. ..	.. .. ..	1 1 39	5 11 10	48 226 101
Totals	428,968	490,985	Under 5, 5 under 15, 15 upwards.	..	364 1133 241	230 507 176	9 4 ..	.. .. ..	5 23 76	.. .. ..	.. .. 29	.. .. ..	.. .. ..	20 17 301	60 66 62	688 1750 885
Grand total	..	..	..	..	1738	913	13	..	104	..	..	29	..	338	188	3323

TABLE B, Part 2.—Wards (continued)

Names of Localities adopted for the purpose of these Statistics.	Population at all ages.		Aged under 5, 5 under 15, 15 upwards.	Number of such Cases Removed from their Homes in the several Localities for Treatment in Isolation Hospitals.												
	Census, 1901.	Estimated to middle of 1910.		1	2	3	4	5	6	7	8	9	10	11	12	13
				Small-pox.	Scarlatina.	Diphtheria.	Membranous Group.	Fevers.					Cholera.	Erysipelas.	Other.	TOTAL.
								Typhus.	Enteric or Typhoid.	Continued	Relapsing.	puerperal				
(a)	(b)	(c)	(d)													
Central	20,996	19,337	Under 5, .. 10 5 under 15, .. 45 15 upwards. .. 6	..	6	1	..	..	..	..	..	..	..	2	3	19
North	38,762	50,547	Under 5, .. 44 5 under 15, .. 113 15 upwards. .. 23	..	11	34	..	..	4	..	..	..	..	10	8	65
North-East	29,084	33,968	Under 5, .. 36 5 under 15, .. 107 15 upwards. .. 19	..	20	30	..	..	3	..	..	..	..	3	5	159
East	28,297	31,121	Under 5, .. 17 5 under 15, .. 37 15 upwards. .. 15	..	12	31	..	..	6	..	..	1	..	4	6	52
South	15,047	13,143	Under 5, .. 9 5 under 15, .. 14 15 upwards. .. 6	..	3	7	..	..	1	..	..	..	..	1	..	13
East Hunslet	33,450	41,344	Under 5, .. 27 5 under 15, .. 83 15 upwards. .. 13	..	16	20	..	..	1	..	..	..	..	7	2	23
West Hunslet	29,267	34,697	Under 5, .. 30 5 under 15, .. 116 15 upwards. .. 28	..	15	30	2	..	..	..	..	1	..	3	4	106
Holbeck	27,871	34,062	Under 5, .. 19 5 under 15, .. 69 15 upwards. .. 15	..	9	23	..	..	7	..	..	..	..	3	4	36
Mill Hill	7,736	6,439	Under 5, .. 3 5 under 15, .. 9 15 upwards. .. 5	..	5	8	..	..	1	..	..	..	..	3	5	50
West	23,914	23,465	Under 5, .. 8 5 under 15, .. 25 15 upwards. .. 7	..	5	18	..	..	..	..	..	1	..	10	3	156
North-West	32,239	36,207	Under 5, .. 21 5 under 15, .. 67 15 upwards. .. 18	..	13	29	..	..	..	..	..	1	..	3	4	48
Brunswick	22,893	23,262	Under 5, .. 20 5 under 15, .. 53 15 upwards. .. 9	..	12	25	..	..	1	..	..	..	..	3	3	48
New Wortley	18,734	18,301	Under 5, .. 2 5 under 15, .. 21 15 upwards. .. 4	..	2	7	..	..	1	..	..	..	..	3	3	48
Armley and Wortley	36,243	45,796	Under 5, .. 15 5 under 15, .. 44 15 upwards. .. 12	..	11	1	..	..	..	..	..	..	..	3	3	48
Bramley	21,650	24,940	Under 5, .. 23 5 under 15, .. 70 15 upwards. .. 20	..	15	37	..	..	1	..	..	..	..	1	1	80
Headingley	42,785	54,356	Under 5, .. 14 5 under 15, .. 106 15 upwards. .. 13	..	14	56	..	..	3	..	..	..	..	6	23	23
Totals	428,968	490,985	Under 5, .. 298 5 under 15, .. 979 15 upwards. .. 213	..	169	384	1	..	3	..	..	5	..	4	60	540
Grand total	..	..	..	..	1490	669	7	..	67	..	..	5	..	36	186	2460

New cases of Infectious Sickness heard of in the several Sub-districts and Wards of the City of Leeds during the thirteen weeks ended 2nd April, 1910.

	Where treated.	Small-pox.	Scarlet fever.	Diphtheria.	Membranous croup.	Typhus fever.	Typhoid fever.	Continued fever.	Puerperal fever.	Erysipelas.	Cholera.	Other.	TOTALS.
SUB-DISTRICTS.	North	{ Hosp. ... 46 Home ... 1	29	1	...	...	11	...	...	3	...	13	102 } 16 }
	West	{ Hosp. ... 41 Home ... 7	46	10	1	...	4	...	...	2	...	5	98 } 33 }
	South-East	{ Hosp. ... 22 Home ... 4	17	3	...	...	3	...	...	2	...	4	48 } 19 }
	Hunslet	{ Hosp. ... 52 Home ... 8	24	8	...	...	5	...	1	1	...	9	92 } 38 }
	Holbeck	{ Hosp. ... 27 Home ... 5	5	5	...	...	...	...	...	1	...	...	33 } 16 }
	Wortley	{ Hosp. ... 28 Home ... 7	14	11	1	...	...	...	...	...	...	4	47 } 27 }
	Kirkstall	{ Hosp. ... 26 Home ... 12	18	15	1	...	2	...	...	1	...	2	49 } 43 }
	Bramley	{ Hosp. ... 22 Home ... 6	13	2	...	...	1	...	...	...	...	1	37 } 14 }
	Chapeltown	{ Hosp. ... 39 Home ... 15	19	5	...	...	1	...	...	...	...	5	64 } 36 }
	Osmondthorpe ...	{ Hosp. ... Home ... 1	...	...	...	...	...	...	...	...	...	...	...
WARDS.	Central	{ Hosp. ... 9 Home ...	8	...	...	...	2	...	...	2	...	5	26 } 2 }
	North	{ Hosp. ... 35 Home ... 8	15	3	...	...	4	...	...	...	...	8	62 } 33 }
	North-East	{ Hosp. ... 41 Home ... 3	23	3	...	...	6	...	...	1	...	5	76 } 11 }
	East.....	{ Hosp. ... 22 Home ... 4	17	2	...	...	3	...	...	2	...	3	47 } 16 }
	South	{ Hosp. ... 7 Home ... 1	1	1	...	...	1	...	...	...	...	...	9 } 11 }
	East-Hunslet	{ Hosp. ... 24 Home ... 3	9	7	...	...	4	...	...	1	...	7	45 } 19 }
	West-Hunslet.....	{ Hosp. ... 28 Home ... 6	14	1	...	...	...	...	1	...	...	2	45 } 13 }
	Holbeck	{ Hosp. ... 20 Home ... 4	5	5	...	...	...	...	...	1	...	...	26 } 15 }
	Mill Hill.....	{ Hosp. ... 3 Home ... 2	6	3	...	...	1	...	...	2	...	...	12 } 7 }
	West	{ Hosp. ... 12 Home ... 2	12	2	1	...	...	...	...	...	...	2	26 } 10 }
	North-West	{ Hosp. ... 13 Home ... 2	14	3	...	...	1	...	...	...	...	1	29 } 11 }
	Brunswick	{ Hosp. ... 13 Home ... 5	16	2	...	...	2	...	...	...	...	3	34 } 10 }
	New Wortley.....	{ Hosp. ... 5 Home ...	3	2	...	...	...	...	...	...	...	...	8 } 6 }
	Armley & Wortley	{ Hosp. ... 16 Home ... 2	9	8	1	...	...	...	...	...	...	4	30 } 13 }
	Bramley	{ Hosp. ... 29 Home ... 11	15	3	...	...	1	...	...	1	...	1	46 } 22 }
	Headingley.....	{ Hosp. ... 26 Home ... 13	18	15	1	...	2	...	...	1	...	2	49 } 44 }
	CITY	{ Hosp. ... 303 Home ... 66	185	60	1	...	27	...	1	10	...	43	570 } 243 }
		Cases	369	245	3	...	41	...	8	104	...	43	813

One nurse, one maid, and one stable-boy contracted scarlet fever, and seven nurses, one maid, and one assistant medical officer, diphtheria. All were treated in hospital. These are not included in the 303 and 185 given above. Manston Hall is outside the City. In addition to the 570 cases hospitalised (out of the 813 reported during the quarter), one case of scarlet fever which had been reported in the previous quarter, was also taken to hospital.

New cases of Infectious Sickness heard of in the several
Sub-districts and Wards of the City of Leeds during the
thirteen weeks ended 2nd July, 1910.

	Where treated.	Small-pox.	Scarlet fever.	Diphtheria.	Membranous croup.	Typhus fever.	Typhoid fever.	Continued fever.	Puerperal fever.	Erysipelas.	Cholera.	Other.	TOTALS.
SUB-DISTRICTS.	North	{ Hosp. ... 39 Home ... 4	22	...	...	...	1	...	...	...	...	10	72
	West	{ Hosp. ... 48 Home ... 3	27	1	...	...	...	...	2	10	...	5	84
	South-East	{ Hosp. ... 18 Home ... 1	9	...	...	...	...	...	2	2	...	5	34
	Hunslet	{ Hosp. ... 87 Home ... 14	19	...	...	3	...	...	2	...	6	117	172
	Holbeck	{ Hosp. ... 31 Home ... 5	16	...	...	1	...	1	...	...	7	56	70
	Wortley	{ Hosp. ... 35 Home ... 13	4	...	...	...	...	...	1	...	2	42	67
	Kirkstall	{ Hosp. ... 36 Home ... 12	17	...	...	...	1	...	...	6	...	6	59
	Bramley	{ Hosp. ... 24 Home ... 5	21	...	...	1	...	...	...	2	...	2	48
	Chapelton	{ Hosp. ... 46 Home ... 15	11	...	...	2	...	...	...	4	...	3	62
	Osmondthorpe ...	{ Hosp. ... Home ...	...	...	...	...	...	...	...	...	...	...	...
WARDS.	Central	{ Hosp. ... 12 Home ...	3	1	...	1	...	...	...	2	...	4	21
	North	{ Hosp. ... 41 Home ... 12	18	...	...	1	...	...	...	5	...	9	69
	North-East	{ Hosp. ... 32 Home ... 6	12	...	...	1	...	...	...	7	...	2	47
	East	{ Hosp. ... 18 Home ... 1	6	...	...	...	...	...	2	1	...	3	29
	South	{ Hosp. ... 8 Home ...	5	...	...	1	...	...	...	1	...	...	14
	East-Hunslet	{ Hosp. ... 38 Home ... 7	7	...	...	2	...	...	1	12	...	3	51
	West-Hunslet	{ Hosp. ... 48 Home ... 10	12	...	...	...	2	...	1	5	...	4	65
	Holbeck	{ Hosp. ... 24 Home ... 2	14	...	...	1	...	1	...	6	...	6	46
	Mill Hill	{ Hosp. ... 7 Home ...	5	...	...	...	...	...	1	...	2	15	20
	West	{ Hosp. ... 11 Home ... 1	10	...	...	...	...	...	2	...	3	26	32
	North-West	{ Hosp. ... 15 Home ... 2	7	...	...	...	4	...	...	5	...	...	22
	Brunswick	{ Hosp. ... 15 Home ... 1	5	...	...	...	...	...	2	3	...	...	20
	New Wortley	{ Hosp. ... 9 Home ... 1	1	...	1	...	...	...	...	4	...	...	10
	Armley & Wortley	{ Hosp. ... 15 Home ... 12	3	...	...	...	...	...	1	...	2	21	40
	Bramley	{ Hosp. ... 35 Home ... 5	21	...	...	1	...	...	...	2	...	2	59
	Headingley	{ Hosp. ... 36 Home ... 12	17	...	...	...	1	...	...	6	...	6	59
	CITY	{ Hosp. ... 364 Home ... 72	146	1	...	8	...	1	8	...	46	574	788
		{ Cases ...	436	199	2	...	16	...	8	80	...	47	788

Two nurses and one maid contracted scarlett fever and two nurses diphtheria. All were treated in hospital. They are not included in 364 and 146 given above. Manston Hall is outside the City.

B. 5.

New cases of Infectious Sickness heard of in the several Sub-districts and Wards of the City of Leeds during the thirteen weeks ended 1st October, 1910.

		Where treated.	Small-pox.	Scarlet fever.	Diphtheria.	Membranous croup.	Typhus fever.	Typhoid fever.	Continued fever.	Puerperal fever.	Erysipelas.	Cholera.	Other.	TOTALS.		
SUB-DISTRICTS.	North	{ Hosp.	...	52	14	...	...	2	...	...	2	...	4	74	87	
		{ Home	...	4	5	...	...	...	...	1	3	...	...	13		
	West	{ Hosp.	...	58	36	...	...	3	...	1	...	...	8	106	136	
		{ Home	...	8	10	...	...	2	...	1	8	...	1	30		
	South-East	{ Hosp.	...	16	4	...	...	1	...	1	2	...	5	29	40	
		{ Home	...	1	1	1	...	2	...	1	5	...	...	11		
	Hunslet	{ Hosp.	...	69	24	2	...	1	...	...	3	...	6	105	129	
		{ Home	...	3	11	...	...	3	...	...	7	...	...	24		
	Holbeck	{ Hosp.	...	24	7	...	...	...	...	...	...	...	...	31	40	
		{ Home	...	3	3	...	...	...	...	...	3	...	...	9		
	Wortley	{ Hosp.	...	23	7	...	...	5	...	...	...	...	1	36	60	
		{ Home	...	2	7	...	...	...	...	1	14	...	...	24		
Kirkstall	{ Hosp.	...	29	15	...	...	1	...	...	...	...	7	52	72		
	{ Home	...	4	6	...	...	...	...	...	10	...	...	20			
Bramley	{ Hosp.	...	10	9	...	...	...	...	...	...	...	1	20	23		
	{ Home	...	1	...	...	...	...	...	...	2	...	...	3			
Chapeltown	{ Hosp.	...	42	20	...	...	1	...	...	2	...	4	69	91		
	{ Home	...	8	8	...	...	1	...	...	5	...	...	22			
Osmondthorpe ...	{ Hosp.	...	1	...	...	...	...	...	...	...	...	...	1	1		
	{ Home	...	...	...	...	...	...	...	...	...	...	...	...			
WARDS.	Central	{ Hosp.	...	11	5	...	...	...	...	...	...	...	1	17	23	
		{ Home	...	4	1	...	...	...	...	...	1	...	...	6		
	North	{ Hosp.	...	43	19	...	...	2	...	...	...	...	2	66	82	
		{ Home	...	6	6	...	...	...	...	1	3	...	...	16		
	North-East	{ Hosp.	...	39	9	...	...	1	...	...	3	...	5	57	63	
		{ Home	...	2	2	...	...	...	...	...	2	...	...	6		
	East.....	{ Hosp.	...	13	3	...	...	...	...	1	2	...	5	24	34	
		{ Home	...	1	1	1	...	2	...	...	5	...	...	10		
	South	{ Hosp.	...	10	5	1	...	1	...	...	...	...	...	17	22	
		{ Home	...	...	3	...	...	...	...	1	1	...	...	5		
	East-Hunslet	{ Hosp.	...	30	16	...	...	1	...	...	1	...	1	49	61	
		{ Home	...	1	5	...	...	2	...	...	4	...	...	12		
	West-Hunslet.....	{ Hosp.	...	36	7	1	...	...	...	...	2	...	5	51	61	
		{ Home	...	3	4	...	...	1	...	...	2	...	...	10		
	Holbeck	{ Hosp.	...	20	4	...	...	...	...	...	...	...	...	24	31	
		{ Home	...	2	2	...	...	...	...	...	3	...	...	7		
	Mill Hill.....	{ Hosp.	...	3	4	...	...	...	...	...	...	...	...	2	9	14
		{ Home	...	2	1	...	...	1	...	1	...	...	...	5		
	West	{ Hosp.	...	9	4	...	...	1	...	1	...	...	2	17	23	
		{ Home	...	2	2	...	...	...	...	...	2	...	...	6		
	North-West	{ Hosp.	...	25	12	...	...	1	...	...	...	...	3	41	57	
		{ Home	...	4	6	...	...	1	...	...	4	...	1	16		
	Brunswick	{ Hosp.	...	23	16	...	...	1	...	...	...	...	1	41	49	
		{ Home	...	...	4	...	...	1	...	...	3	...	...	8		
	New Wortley.....	{ Hosp.	...	1	3	...	...	2	...	...	...	...	...	6	10	
		{ Home	...	...	...	...	...	...	...	1	3	...	...	4		
	Armley & Wortley	{ Hosp.	...	18	4	...	...	2	...	...	...	...	1	25	43	
		{ Home	...	2	5	...	...	...	...	...	11	...	...	18		
	Bramley	{ Hosp.	...	14	9	...	...	1	...	...	...	...	1	25	30	
		{ Home	...	1	2	...	...	...	...	...	2	...	...	5		
	Headingley.....	{ Hosp.	...	29	16	...	...	1	...	...	1	...	7	54	76	
		{ Home	...	4	7	...	...	...	...	...	11	...	...	22		
CITY	{	Hosp.	...	324	136	2	...	14	...	2	9	...	36	523	679	
		Home	...	34	51	1	...	8	...	4	57	...	1	156		
		Cases	...	358	187	3	...	22	...	6	66	...	37	679		

One nurse and one maid contracted scarlet fever and four nurses diphtheria. All were treated in hospital. They are not included in the 325 and 136 given above. Manston Hall is outside the City.

B. 6.

New cases of Infectious Sickness heard of in the several Sub-districts and Wards of the City of Leeds during the thirteen weeks ended 31st December, 1910.

	Where treated.	Small-pox.	Scarlet fever.	Diphtheria.	Membranous croup.	Typhus fever.	Typhoid fever.	Continued fever.	Puerperal fever.	Erysipelas.	Cholera.	Other.	TOTALS.
SUB-DISTRICTS.	North	{ Hosp. ... 91 20 ... 6 ... 1 1 ... 9 128 } Home ... 6 3 ... 1 ... 3 10 ... 23 } 151											
	West	{ Hosp. ... 95 26 ... 1 4 ... 17 143 } Home ... 7 11 ... 1 ... 10 ... 29 } 172											
	South-East	{ Hosp. ... 18 24 1 ... 4 1 ... 5 53 } Home ... 2 3 ... 1 ... 1 9 ... 16 } 69											
	Hunslet	{ Hosp. ... 90 36 2 ... 3 7 138 } Home ... 9 20 1 ... 2 ... 19 ... 51 } 189											
	Holbeck	{ Hosp. ... 45 22 ... 1 1 ... 5 74 } Home ... 3 2 1 3 ... 9 } 83											
	Wortley	{ Hosp. ... 41 15 ... 1 1 ... 3 61 } Home ... 9 6 2 11 ... 28 } 89											
	Kirkstall	{ Hosp. ... 40 33 1 ... 11 85 } Home ... 9 19 8 ... 36 } 121											
	Bramley	{ Hosp. ... 28 7 ... 1 36 } Home ... 1 3 4 ... 8 } 44											
	Chapeltown	{ Hosp. ... 51 18 ... 1 4 74 } Home ... 30 13 ... 2 ... 5 ... 50 } 124											
	Osmondthorpe ...	{ Hosp. ... 1 ... 1 1 } Home } 1											
WARDS.	Central	{ Hosp. ... 29 8 ... 1 1 39 } Home ... 2 2 1 ... 5 } 44											
	North	{ Hosp. ... 61 8 ... 5 1 ... 4 79 } Home ... 24 8 3 10 ... 45 } 124											
	North-East	{ Hosp. ... 50 22 ... 1 ... 1 ... 7 81 } Home ... 8 4 ... 3 ... 3 ... 18 } 99											
	East	{ Hosp. ... 16 24 1 ... 4 ... 1 ... 5 51 } Home ... 2 3 1 7 ... 13 } 64											
	South	{ Hosp. ... 4 2 ... 1 1 8 } Home ... 1 1 ... 1 ... 7 ... 10 } 18											
	East-Hunslet	{ Hosp. ... 31 13 1 ... 2 2 49 } Home ... 5 13 ... 1 ... 9 ... 28 } 77											
	West-Hunslet	{ Hosp. ... 62 25 1 5 93 } Home ... 4 6 1 ... 1 ... 17 } 110											
	Holbeck	{ Hosp. ... 39 18 ... 1 ... 1 63 } Home ... 2 2 1 ... 3 ... 8 } 71											
	Mill Hill	{ Hosp. ... 4 1 2 8 } Home ... 1 1 ... 2 } 10											
	West	{ Hosp. ... 8 4 ... 1 ... 15 } Home ... 1 3 ... 1 ... 8 } 23											
	North-West	{ Hosp. ... 53 15 2 81 } Home ... 3 4 6 ... 13 } 94											
	Brunswick	{ Hosp. ... 31 7 42 } Home ... 4 4 8 } 50											
	New Wortley	{ Hosp. ... 12 3 15 } Home ... 1 1 7 } 22											
	Armley & Wortley	{ Hosp. ... 22 11 ... 1 ... 1 37 } Home ... 7 5 1 7 ... 20 } 57											
	Bramley	{ Hosp. ... 35 8 ... 1 ... 45 } Home ... 2 3 4 ... 9 } 54											
	Headingley	{ Hosp. ... 42 33 1 87 } Home ... 10 20 9 ... 39 } 126											
CITY	{ Hosp. ... 499 202 3 ... 18 ... 1 9 ... 61 793 } Home ... 76 80 2 ... 7 ... 6 79 ... 250 } 1043												
	Cases	...	575	282	5	...	25	...	7	88	...	61	1,043

Three nurses contracted scarlet fever, four nurses, one maid, one porter, and one stable-boy diphtheria, and one porter erysipelas. All were treated in hospital. These are not included in the 499 202, and 9 given above. Manston Hall is outside the City.

B. 7.

New cases of Infectious Sickness heard of in the several Sub-districts and Wards of the City of Leeds during the thirteen weeks ended 1st April, 1911.

	Where treated.	Small-pox.	Scarlet fever.	Diphtheria.	Membranous croup.	Typhus fever.	Typhoid fever.	Continued fever.	Puerperal fever.	Erysipelas.	Cholera.	Other.	TOTALS.
SUB-DISTRICTS (altered).	North	{ Hosp. ... 56 Home ... 8	25	1	...	...	1	...	1	1	...	11	96 } 128
	North East	{ Hosp. ... 26 Home ... 8	17	...	...	...	1	...	...	2	...	3	48 } 65
	West	{ Hosp. ... 77 Home ... 14	32	...	1	...	1	...	2	3	...	6	121 } 159
	South-East	{ Hosp. ... 10 Home ...	17	...	...	...	...	...	...	1	...	3	31 } 46
	Hunslet	{ Hosp. ... 73 Home ... 18	37	1	...	...	1	...	...	1	...	5	118 } 186
	Holbeck	{ Hosp. ... 41 Home ... 2	24	...	...	...	1	...	...	...	...	4	70 } 85
	Wortley	{ Hosp. ... 28 Home ... 6	36	...	1	...	1	...	...	1	...	4	70 } 109
	Kirkstall	{ Hosp. ... 42 Home ... 14	21	...	...	...	2	...	...	1	...	2	68 } 111
	Bramley	{ Hosp. ... 10 Home ...	26	...	...	...	...	...	...	...	...	3	39 } 50
			6	...	...	...	...	...	...	5	...	...	11 }
WARDS.	Central	{ Hosp. ... 13 Home ... 3	7	...	...	...	...	...	...	...	...	2	22 } 31
	North	{ Hosp. ... 43 Home ... 5	18	1	...	...	1	...	1	1	...	9	74 } 97
	North-East	{ Hosp. ... 26 Home ... 8	17	...	...	...	...	...	...	2	...	3	48 } 65
	East	{ Hosp. ... 8 Home ...	16	...	...	...	1	...	...	1	...	3	28 } 43
	South	{ Hosp. ... 6 Home ... 2	6	...	...	...	...	...	...	...	...	...	12 } 15
	East-Hunslet	{ Hosp. ... 42 Home ... 3	15	1	...	...	1	...	...	...	...	1	60 } 92
	West-Hunslet	{ Hosp. ... 31 Home ... 14	20	...	...	...	...	...	...	1	...	5	57 } 93
	Holbeck	{ Hosp. ... 37 Home ... 1	21	...	...	...	1	...	...	...	...	3	62 } 74
	Mill Hill	{ Hosp. ... 6 Home ... 1	2	...	...	...	2	...	...	2	...	...	8 } 13
	West	{ Hosp. ... 12 Home ... 4	8	...	...	...	...	...	...	2	...	3	25 } 33
	North-West	{ Hosp. ... 38 Home ... 4	9	...	...	...	1	...	1	1	...	2	52 } 67
	Brunswick	{ Hosp. ... 21 Home ... 5	13	...	...	...	...	...	1	...	...	1	36 } 46
	New Wortley	{ Hosp. ... 7 Home ... 1	4	...	...	...	...	...	...	...	...	1	12 } 17
	Armley & Wortley	{ Hosp. ... 19 Home ... 5	28	...	...	...	1	...	...	1	...	2	51 } 85
	Bramley	{ Hosp. ... 12 Home ...	30	...	...	...	...	...	...	...	...	4	46 } 57
	Headingley	{ Hosp. ... 42 Home ... 14	21	...	...	...	2	...	...	1	...	2	68 } 111
			15	...	...	...	2	...	1	11	...	...	43 }
	CITY	{ Hosp. ... 363 Home ... 70	235	2	...	...	7	...	3	10	...	41	661 } 939
		{ Cases ... 433	333	6	...	...	20	...	9	96	...	42	939

One nurse contracted scarlet fever, two nurses and one maid diphtheria. All were treated in hospital. These are not included in the 363 and 235 given above. Manston Hall is outside the City.

C. 1.

TABLE C.

Table shewing deaths recorded in the City of Leeds during the fifty-two weeks ended 31st December, 1910, classified according to cause, age, and the registration sub-districts to which the patients belonged. Deaths in institutions allocated to districts to which patients belonged.

TOWNSHIPS, &c. Estim. Pop., 499,985 ..	LEEDS.												Deaths of outsiders occurring in City.	TOTAL mortality in City.			Annual rate per 1,000 pop.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	North. 58,661			West. 86,003			South E. 35,518			Hunslet. 81,313				Holbeck. 38,042				Wortley. 69,206			Kirkstall. 52,894			Bramley. 19,831			Chapelton. 49,183			Osmond- thorpe. 334																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	under 5	over 5	..	under 5	over 5	..	under 5	over 5	..																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Under and over 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE C (continued).

TOWNSHIPS, &c. ..	LEEDS.										Hunslet.		Holbeck.		Wortley.		Kirkstall.		Bramley.		Chapelton.		Osmond- thorpe.		Deaths of outsiders occurring in City.		TOTAL mortality in City.			Annual rate per 1,000 pop.
	North.		West.		South E.																									
	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	all ages.					
Under and over 5	1	1	2	1	2	1	16	4	1	2	5	3	6	1	2	2	2	2	2	2	2	2	2	2	2	1	33	0'07		
Tabes mesenterica	3	1	14	3	2	3	6	4	4	2	9	3	6	2	2	2	2	2	2	2	2	2	2	2	2	1	47	0'14		
Tub. meningitis	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	0'01		
Hydrocephalus	5	74	3	114	64	59	1	59	41	41	2	46	44	14	14	14	36	1	1	1	1	1	1	1	1	498	510	1'04		
Phthisis	3	3	1	5	4	3	2	4	3	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	19	40	0'08		
Tub. peritonitis	9	8	8	9	5	7	5	7	6	3	2	11	1	1	1	1	3	1	1	1	1	1	1	1	1	55	93	0'19		
Other tuberculous	1	1	1	3	2	2	2	4	3	3	4	4	1	1	1	1	6	1	1	1	1	1	1	1	1	2	2	0'00		
Scrofula	1	1	1	3	2	2	2	4	3	3	4	4	1	1	1	1	9	1	1	1	1	1	1	1	1	26	27	0'06		
Anæmia	1	1	1	3	2	2	2	4	3	3	4	4	1	1	1	1	9	1	1	1	1	1	1	1	1	57	57	0'12		
Diabetes, &c.	4	4	7	2	2	2	13	13	3	3	6	6	7	7	4	4	9	1	1	1	1	1	1	1	1	2	2	0'00		
Premature birth	28	28	45	25	25	38	38	25	25	36	36	24	24	11	11	11	22	22	22	22	22	22	22	22	22	256	256	0'52		
Malformations and atelectasis (19)	6	6	18	3	3	11	11	7	7	9	9	6	6	8	8	8	8	8	8	8	8	8	8	8	8	73	73	0'15		
Old age	27	27	59	22	22	46	46	21	21	35	35	25	25	12	12	12	23	23	23	23	23	23	23	23	23	271	271	0'55		
Brain disease	1	32	2	50	29	38	38	25	25	37	37	20	20	16	16	16	35	35	35	35	35	35	35	35	35	288	292	0'60		
Meningitis	3	13	4	18	11	8	8	7	7	4	6	3	3	1	1	1	3	3	3	3	3	3	3	3	3	62	62	0'20		
Apoplexy	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	81	81	0'17		
Paralysis	1	4	1	15	5	7	7	9	9	1	5	2	2	1	1	1	6	6	6	6	6	6	6	6	6	55	55	0'11		
Gen. paralysis— Insanity	1	1	2	2	1	7	7	1	1	2	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	18	18	0'04		
Epilepsy	1	2	2	2	1	8	8	6	6	13	13	3	3	2	2	2	3	3	3	3	3	3	3	3	3	25	25	0'05		
Convulsions	23	1	17	19	2	12	12	6	6	13	13	3	3	1	1	1	5	5	5	5	5	5	5	5	5	100	100	0'20		
Laryngismus stridulus	1	1	1	2	2	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	6	1	7	0'01
Other diseases of nervous system	1	3	3	2	2	1	1	3	3	5	5	4	4	1	1	1	5	5	5	5	5	5	5	5	5	27	29	0'06		
Dis. of organs of special sense	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	6	9	0'02	
Endocarditis, &c.	22	1	38	23	23	25	25	16	16	41	41	16	16	17	17	17	37	37	37	37	37	37	37	37	37	239	239	0'49		
Pericarditis	1	48	68	30	30	56	56	23	23	47	47	21	21	16	16	16	20	20	20	20	20	20	20	20	20	334	337	0'69		
Heart disease	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	9	9	0'02		
Angina pectoris	3	3	4	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	11	0'02		
Syncope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	15	0'03		
Aneurism	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29	29	0'06		
Other circulatory	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	8	8	0'02		
Laryngitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	6	0'01	
Croup (membranous)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	0'01		
Croup (undefined)	33	47	23	62	45	21	21	19	25	31	46	7	24	8	15	15	22	22	22	22	22	22	22	22	22	345	544	1'11		
Bronchitis	39	5	34	35	35	30	30	7	28	4	32	18	1	5	5	5	4	4	4	4	4	4	4	4	4	233	42	273	0'56	
Broncho-pneumonia	9	34	11	55	10	28	28	8	20	2	15	1	1	1	1	1	26	26	26	26	26	26	26	26	26	75	248	323	0'66	
Pleuro-pneumonia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	0'01	
Pleurisy	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	23	23	0'05	
Other respiratory	2	7	3	11	6	3	3	2	4	4	6	1	1	2	2	2	11	11	11	11	11	11	11	11	11	55	55	55	0'13	

TABLE C (continued).

TOWNSHIPS, &c. ..	LEEDS.												Deaths of outsiders occurring in City.												Total mortality in City.			Annual rate per 1,000 pop.			
	North.			West.			South E.			Hunslet.			Holbeck.		Wortley.		Kirkstall.		Bramley.		Chapelton.		Osmond- thorpe.		under 5	over 5	all ages.				
	under 5	over 5		under 5	over 5		under 5	over 5		under 5	over 5		under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5							
Under and over 5 {	1	9	10	12	1	8	1	8	4	1	2	13	1	1	1	1	1	1	1	1	1	1	1	1	4	57	..	4	0'01		
Stomatitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0'12	
Dentition ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0'01	
Tonsillitis, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0'16	
Dis. of stomach	1	6	1	12	5	5	6	5	2	2	6	6	1	4	2	2	1	4	2	1	2	1	5	1	5	22	55	4	77	0'17	
Enteritis (Gastro 54)	14	..	..	9	..	6	12	1	1	6	7	2	2	1	1	2	1	1	1	1	1	4	..	..	78	4	82	26	0'05		
Hernia ..	..	3	..	..	..	..	..	3	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Fistula ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Peritonitis ..	..	2	..	..	..	..	..	1	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Ascitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Jaundice ..	1	1	..	1	..	..	1	1	..	..	2	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Cirrhosis ..	..	3	..	10	..	3	2	2	..	..	..	1	4	2	1	1	1	4	1	1	1	5	..	..	..	..	..	..	..	..	
Dis. of liver ..	2	..	..	5	..	3	..	2	..	2	..	3	1	2	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	
Dis. of bowels ..	1	9	1	18	..	8	2	5	..	5	2	8	..	8	..	2	..	8	..	2	..	4	5	..	..	12	91	103	..	0'21	
Disease of ductless glands ..	..	2	1	3	..	..	..	..	..	4	..	1	1	1	..	2	..	1	..	2	..	2	..	..	2	17	19	..	..	0'04	
Nephritis ..	..	10	..	17	..	6	..	..	..	9	1	10	..	12	..	3	..	7	..	..	..	..	..	..	2	101	103	..	..	0'21	
Kidney disease ..	..	10	..	7	..	2	..	..	..	1	3	14	..	6	..	4	1	8	..	..	..	..	..	..	2	68	70	..	..	0'14	
Albuminuria ..	..	3	..	1	..	..	..	..	..	..	..	..	3	1	..	..	1	..	..	..	..	..	..	..	..	9	9	..	..	0'02	
Other urinary ..	..	1	..	4	..	1	..	3	..	3	..	1	..	2	..	1	..	1	..	..	..	..	..	..	..	19	19	..	..	0'01	
Dis. of generative Organs ..	..	4	..	4	..	3	..	6	..	..	..	6	..	3	..	..	..	3	..	..	..	..	..	..	..	40	40	..	..	0'08	
Childbirth ..	4	3	4	4	1	5	1	6	..	2	1	4	2	5	..	..	..	3	..	..	..	..	..	..	15	35	50	..	..	0'10	
Disease of bones (17), Joints (1), arthritis (19)	1	6	..	6	1	4	..	5	..	3	..	2	..	3	..	1	..	4	..	..	..	..	..	..	3	34	37	..	..	0'08	
Ulcer: Phlegmon (o) ..	..	..	..	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	6	..	..	0'01	
Skin disease ..	2	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	2	8	..	..	0'02	
Injury ..	6	26	9	39	6	27	8	27	6	19	3	30	5	18	2	10	4	11	..	..	..	..	..	..	54	223	277	..	..	0'57	
Lead poisoning ..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	0'01	
Mortification ..	..	2	..	2	..	2	..	4	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	15	15	..	..	0'03	
Debility ..	14	1	7	..	9	..	10	1	8	..	6	..	2	1	..	1	6	..	..	..	..	..	..	..	62	4	66	..	..	0'13	
Marasmus, Atrophy ..	..	..	..	..	..	..	26	..	13	..	12	..	7	..	3	..	4	..	..	..	..	..	..	..	145	..	145	..	..	0'30	
Tumour ..	..	6	..	3	5	5	5	..	5	..	..	..	1	1	..	..	1	..	..	..	..	..	..	..	..	26	26	..	..	0'03	
Abscess ..	..	4	2	3	..	2	1	3	1	1	1	3	..	1	..	..	..	2	..	..	..	..	..	..	5	23	28	..	..	0'06	
Other causes ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total under 5 and over 5 ..	321	527	366	836	346	491	396	628	244	320	286	541	134	366	48	180	132	394	1	5	28	200	2,302	4,488	6,790	13'88	..	..	..	..	
Total ..	848	1,202	837	1,202	837	1,202	1,024	564	827	500	228	526	6	228	526	10'7	18'0	13'9	..	..	..	..	..	..	..	..	..	..	..	..	..
Mortality per 1,000 per annum ..	14'5	14'0	23'6	14'0	23'6	14'0	12'6	14'9	12'0	9'5	11'5	10'7	18'0	13'9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Death rate for whole city probably 10½ per cent too low.

NOTES TO TABLE C.

This table is printed for the first time in the report for 1892. In it the causes of death are more detailed than in the other tables. They are classified as in Table A, part 2, according as the deaths were those of persons under or over the age of five. All the deaths which occurred in the following public institutions: the Infirmary, the Women and Children's Hospital, the Borough Fever and Small-pox Hospitals, the Leeds, Hunslet, Holbeck, Bramley Workhouses, and the Home for Consumptives at Armley (the latter for the first time in 1905), have been classified under the districts to which the patients belonged. The 228 deaths of persons who belonged to no district in the city have been separated in two columns by themselves, as deaths of outsiders; these deaths are, however, included in the total mortality of the city. As far as possible, the order of the Registrar-General has been followed in the arrangement of this table. The horizontal lines correspond with the groups in the Registrar-General's annual report.

Septicæmia includes deaths from pyæmia (2), phlebitis (1), phagedæna (0), septicæmia (not puerperal) (4). *Parasitic diseases* include thrush (1). *Starvation* includes purpura hæmorrhagica (3), scurvy (1), privation and want of breast milk (5), malnutrition (17), and inanition (36 deaths). *Rheumatic fever* in reports previous to 1892 had only the deaths ascribed in those terms to this disease by the medical attendant. Deaths from acute and sub-acute rheumatism had previously been classed under "rheumatism." A separate line has been given, both in Table C and Table A, to prevent confusion and enable comparison. "*Rheumatism*" includes chronic rheumatism and disease simply described as "rheumatism" (see Report, 1893, page 144). *Anæmia* includes chlorosis (0), hæmophilia (1), but not leucocythemia; deaths from the latter have been referred to diseases of the *ductless glands*. In *malformations* are included cyanosis (2), patent foramen ovale (2), spina bifida (5), atelectasis (19), imperforate anus (6), cleft palate (4), harelip (2), and (33) other congenital defects.

Brain disease includes deaths registered from such causes as cerebral congestion, cerebral hæmorrhage, and softening of the brain. *Meningitis* includes diseases classified as meningitis (51), and spinal (2) meningitis, but not meningitis said to be tuberculous, lepto meningitis (41), and basal meningitis (2). *Apoplexy* includes all apoplexies not otherwise defined. *Paralysis* includes hemiplegia, paraplegia, and "paralysis." *General paralysis* (6) is included under insanity, and does not include deaths from "softening of the brain." *Convulsions* includes diseases so certified, and deaths (1) due to "fits." Fits of apoplexy, &c., come under other headings. We have tried, as far as possible, to keep to the old headings.

Endocarditis, &c., includes valvular disease of the heart. "Heart disease" includes such diseases as hypertrophy, atrophy, fatty degeneration, weak heart, cardiac disease or degeneration and "disease of the heart." *Angina pectoris* includes only those deaths in which the symptom but no disease is stated. *Aneurism* includes all the aneurisms so stated. *Other diseases of the circulatory system* includes atheroma. *Other respiratory diseases* includes asthma (23), emphysema (20), empyæma (5), pulmonary congestion (5), "lung disease" (0), and others (11). *Tonsillitis, &c.* includes pharyngitis (1), parotiditis (0). *Diseases of the stomach* includes dyspepsia, hæmate-mesis, gastritis. *Disease of liver* includes hepatitis (1). *Diseases of the bowels* includes melæna (1), ulcer of intestines, obstruction of bowels, strangulation not due to hernia, intussusception, appendicitis. *Kidney disease* includes deaths from granular kidney (2), Bright's disease (39), other kidney diseases (23), and uræmia (5). *Albuminuria* includes only deaths in which the symptom without any pathological cause was registered. *Diseases of the urinary system* includes calculus, hæmaturia, cystitis and other diseases of the bladder. *Disease of the generative organs* includes uterine disease (4), ovarian disease (8), and "other diseases" of the generative organs, male (25), female (3). *Childbirth* includes all the accidents of parturition, except puerperal fever.

Diseases of the bones and joints includes disease of the spinal column, but not, of course, such diseases as spinal sclerosis, which are now referred to disease of the nervous system. A comparison of mortality previous to 1890 is difficult, as the term spinal disease was used to include both diseases of the spinal column and of the spinal marrow. *Abscess* includes cellulitis (6), carbuncle (1). *Injury* includes deaths from accident or negligence, homicide, misadventure, suicide, and execution.

TABLE D, Part 1.—Shewing death-rates from certain causes for the years 1890 to 1910.

	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Whooping cough.	"Fever."	Diarrhoea.	All seven.	Croup (membranous and undefined)	Phthisis.	Influenza and diseases of the air-passages other than consumption.
1890 (53 wks.)	0'00	0'27	0'28	0'07	0'50	0'30	0'98	2'39	0'09	1'66	5'62
1891 (52 wks.)	0'00	0'71	0'18	0'04	0'41	0'20	0'86	2'41	0'08	1'79	6'11
1892 (52 wks.)	0'02	0'20	0'20	0'08	0'42	0'17	1'10	2'18	0'13	1'42	4'56
1893 (52 wks.)	0'08	0'90	0'08	0'15	0'44	0'30	1'60	3'55	0'18	1'70	4'60
1894 (52 wks.)	0'01	0'75	0'13	0'15	0'34	0'14	0'45	1'98	0'17	1'49	3'64
1895 (52 wks.)	...	0'35	0'13	0'10	0'29	0'22	1'58	2'65	0'12	1'55	4'34
1896 (53 wks.)	0'00	0'48	0'18	0'10	0'60	0'21	0'69	2'27	0'09	1'50	4'02
1897 (52 wks.)	...	0'40	0'23	0'13	0'24	0'21	1'58	2'79	0'10	1'44	3'90
1898 (52 wks.)	0'00	0'45	0'29	0'49	0'39	0'23	1'24	3'10	0'12	1'39	3'41
1899 (52 wks.)	...	0'37	0'15	0'71	0'38	0'17	0'96	2'73	0'12	1'41	3'72
1900 (52 wks.)	0'00	0'58	0'12	0'55	0'39	0'20	1'09	2'93	0'06	1'41	4'19
1901 (52 wks.)	...	0'58	0'19	0'38	0'33	0'19	1'47	3'14	0'07	1'41	3'46
1902 (53 wks.)	0'01	0'43	0'13	0'18	0'46	0'18	0'61	2'00	0'05	1'31	3'52
1903 (52 wks.)	0'05	0'28	0'25	0'14	0'27	0'13	0'62	1'74	0'03	1'27	3'09
1904 (52 wks.)	0'00	0'77	0'13	0'09	0'46	0'11	1'01	2'57	0'05	1'40	3'21
1905 (52 wks.)	0'01	0'24	0'09	0'08	0'27	0'12	0'80	1'60	0'03	1'23	3'07
1906 (52 wks.)	...	0'60	0'07	0'16	0'32	0'11	0'97	2'23	0'03	1'23	2'70
1907 (52 wks.)	...	0'22	0'12	0'14	0'34	0'06	0'41	1'29	0'01	1'29	3'15
1908 (53 wks.)	...	0'37	0'03	0'10	0'29	0'05	0'70	1'55	0'01	1'28	3'15
1909 (52 wks.)	...	0'16	0'02	0'13	0'17	0'09	0'23	0'80	0'02	1'14	3'08
1910 (52 wks.)	...	0'33	0'09	0'13	0'31	0'04	0'41	1'30	0'02	1'04	2'68

See note to table D, part 2. Rates from 1890 to 1900 not recalculated. See also tables 6b, 12, 12a, and 13.

TABLE D, Part 2.
For whole District (Local Government Table I).

Year.	Population estimated to middle of each year.*	Births.		Deaths under one year of age.		Deaths at all ages. Total.		Deaths in Public Institutions.	Deaths of non-residents registered in district.	Deaths of residents registered beyond district.	Deaths at all ages net.	
		Number.	Rate.*	Number	Rate per 1,000 births registered.	Number	Rate.*				Number	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
†1890	363,018	12,336	33·5	2,128	173	8,370	22·7	819	132	No return	8,238	22·3
1891	369,034	12,538	34·1	2,216	177	8,429	22·9	869	144	do.	8,285	22·5
1892	375,081	12,546	33·6	2,114	168	7,403	19·8	789	129	do.	7,274	19·5
1893	381,157	12,348	32·5	2,542	206	8,512	22·4	874	147	24	8,365	22·0
1894	387,259	12,502	32·4	1,945	156	6,935	18·0	772	142	7	6,793	17·6
1895	393,387	12,478	31·8	2,384	191	8,101	20·7	882	167	No return	7,934	20·2
†1896	399,535	12,573	31·0	2,120	169	7,682	18·9	908	161	8	7,521	18·5
1897	405,716	12,912	31·9	2,454	190	8,148	20·2	881	175	1	7,973	19·7
1898	411,895	12,971	31·6	2,372	183	7,996	19·5	940	142	9	7,854	19·1
1899	418,101	12,939	31·1	2,222	172	8,105	19·5	1,005	181	26	7,924	19·0
1900	424,322	13,091	31·0	2,397	183	8,619	20·4	1,084	184	90	8,525	20·2
1901	430,575	12,898	30·1	2,429	188	8,283	19·3	1,176	171	92	8,204	19·1
†1902	437,036	13,245	29·8	2,113	160	7,814	17·6	1,154	211	96	7,699	17·3
1903	443,559	12,996	29·4	1,992	153	7,334	16·6	1,094	184	113	7,263	16·4
1904	450,142	12,561	28·0	2,207	176	8,096	18·0	1,185	173	116	8,039	17·9
1905	456,787	12,337	27·1	1,875	152	7,124	15·6	1,225	178	102	7,047	15·5
1906	463,495	12,093	26·2	1,837	152	7,405	16·0	1,271	183	128	7,350	15·9
1907	470,268	11,678	24·9	1,533	131	7,227	15·4	1,301	188	128	7,167	15·3
†1908	477,107	12,007	24·8	1,654	138	7,505	15·5	1,371	199	124	7,430	15·3
1909	484,012	11,002	22·8	1,350	123	6,854	14·2	1,403	194	146	6,806	14·1
Averages for years 1900-1909		12,391	27·3	1,939	156	7,626	16·8	1,226	187	114	7,553	16·6
1910	490,985	10,867	22·2	1,446	133	6,790	13·9	1,349	228	149	6,711	13·7

* Rates calculated per 1,000 of estimated population. The populations given in column 2 for the 11 years, 1890 to 1900, are those estimated by the method of interpolation from the census figures for 1881, 1891 and 1901. The rest are those of the Registrar-General.

The deaths included in column 7 of this table are the whole of those registered during the year as having actually occurred within the City or of Leeds persons in the fever hospital at Seacroft or the Hunslet workhouse at Rothwell. The deaths included in column 12 are the numbers in column 7, corrected by the subtraction of the numbers in column 10 and the addition of the numbers in column 11. Column 11 is, however, incomplete in some of the years.

By the term "Non-residents" is meant persons brought into the district on account of illness, and dying in some public institution, and paupers from townships outside the City dying at the Workhouse; and by the term "Residents" is meant persons who have died outside Leeds in some public institution, other than our own fever hospitals, and inmates of the County Asylums from the City townships.

† 53 week years, the others 52.

TABLE E.
VITAL STATISTICS FOR 1910.

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the fifty-two weeks ended 31st December, 1910. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

Districts.	Births.	Birth Rate.	Deaths.	Death Rate.	
				All causes.	7 Zymotics.
LEEDS. { North ...	1,245	<i>21.30</i>	848	<i>14.51</i>	<i>0.99</i>
West ...	2,056	<i>23.99</i>	1,202	<i>14.02</i>	<i>1.27</i>
South-East ...	1,121	<i>31.67</i>	837	<i>23.65</i>	<i>2.97</i>
Hunslet ...	1,829	<i>22.57</i>	1,024	<i>12.64</i>	<i>1.58</i>
Holbeck ...	1,004	<i>26.48</i>	564	<i>14.88</i>	<i>1.69</i>
Wortley ...	1,277	<i>18.52</i>	827	<i>11.99</i>	<i>1.13</i>
Kirkstall ...	912	<i>17.30</i>	500	<i>9.49</i>	<i>0.85</i>
Bramley ...	390	<i>19.73</i>	228	<i>11.54</i>	<i>0.71</i>
Chapeltown ...	1,021	<i>20.83</i>	526	<i>10.73</i>	<i>0.78</i>
Osmondthorpe ...	12	<i>36.05</i>	6	<i>18.03</i>	...
<i>Outsiders</i> ...	...	...	228	...	...
Totals ...	10,867	<i>22.21</i>	6,790	<i>13.88</i>	<i>1.31</i>

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.		Deaths.	Death Rate.	Wards.		Deaths.	Death Rate.
Eastern Division.				Western Division.			
Central	227	11.78	Mill Hill	105	16.36		
North	559	11.10	West	419	17.92		
North-East	558	16.48	North West	414	11.47		
East	701	22.60	Brunswick... ..	307	13.24		
South	254	19.39	New Wortley	297	16.28		
East Hunslet	518	12.57	Armley	479	10.50		
West Hunslet	461	13.33	Bramley	279	11.23		
Holbeck	463	13.64	Headingley	521	9.62		

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were one hundred and seven deaths at Manston Hospital during this year.

E. 2.

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the thirteen weeks ended 2nd April, 1910. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

Districts.	Births.	Birth Rate.	Deaths.	Death Rate.	
				All causes.	7 Zymotics.
LEEDS. { North	345	23·6	214	14·6	0·4
{ West	513	23·9	307	14·3	0·5
{ South-East	278	31·4	203	22·9	1·0
Hunslet	448	22·1	251	12·4	0·8
Holbeck	277	29·2	134	14·1	0·4
Wortley	325	18·8	224	13·0	1·2
Kirkstall	241	18·3	142	10·8	0·8
Bramley	93	18·8	67	13·6	...
Chapelton	242	19·7	154	12·6	0·9
Osmondthorpe	3	36·1	1	12·0	...
<i>Outsiders</i>	...	...	60	...	...
Totals	2,765	22·6	1,757	14·4	0·7

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.	Deaths.	Death Rate.	Wards.	Deaths.	Death Rate.
Eastern Division.			Western Division.		
Central	68	14'1	Mill Hill	23	14'3
North	157	12'5	West	101	17'3
North-East	139	16'4	North-West	109	12'1
East	162	20'9	Brunswick	86	14'8
South	71	21'7	New Wortley	67	14'7
East Hunslet	122	11'8	Armley	142	12'4
West Hunslet	111	12'8	Bramley	82	13'2
Holbeck	110	13'0	Headingley	147	10'9

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were twenty-two deaths at Manston Hospital during this quarter.

E. 3

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the thirteen weeks ended 2nd July, 1910. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

Districts.	Births.	Birth Rate.	Deaths.	Death Rate.	
				All causes.	Zymotics.
LEEDS. { North	...	...	194	13·3	0·5
{ West	...	...	272	12·7	0·9
{ South-East	285	32·2	203	22·9	1·5
Hunslet	480	23·7	249	12·3	1·6
Holbeck	291	30·7	132	13·9	1·4
Wortley	320	18·6	226	13·1	1·2
Kirkstall	261	19·8	119	9·0	0·5
Bramley	96	19·4	57	11·5	0·8
Chapelton	...	...	134	11·0	0·6
Osmondthorpe	2	24·0	2	24·0	...
<i>Outsiders</i>	...	...	52	...	...
Totals	2,831	23·1	1,640	13·4	1·0

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.	Deaths.	Death Rate.	Wards.	Deaths.	Death Rate.
Eastern Division.			Western Division.		
Central	67	13·9	Mill Hill	24	15·0
North	128	10·2	West	110	18·8
North-East	132	15·6	North-West	88	9·8
East	165	21·3	Brunswick	61	10·5
South	59	18·0	New Wortley	96	21·1
East Hunslet	129	12·5	Armley	119	10·4
West Hunslet	115	13·3	Bramley	68	10·9
Holbeck	105	12·4	Headingley	122	9·0

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were twenty-six deaths at Manston Hospital during this quarter.

E. 4.

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the thirteen weeks ended 1st October, 1910. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

Districts.	Births.	Birth Rate.	Deaths.	Death Rate.	
				All causes.	Zymotics.
LEEDS. { North	...	...	214	146	1.8
{ West	...	...	267	12.5	1.8
{ South-East	292	33.0	200	22.6	5.2
Hunslet	497	24.5	236	11.6	2.5
Holbeck	222	23.4	156	16.5	3.5
Wortley	321	18.6	176	10.2	1.4
Kirkstall	...	...	97	7.4	0.9
Bramley	127	25.7	48	9.7	1.0
Chapelton	...	...	104	8.5	0.8
Osmondthorpe	4	48.1	1	12.0	...
<i>Outsiders</i>	...	...	57	...	...
Totals	2,721	22.2	1,556	12.7	2.0

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.			Deaths.	Death Rate.	Wards.			Deaths.	Death Rate.
Eastern Division.					Western Division.				
Central	...	...	43	8.9	Mill Hill	...	...	23	14.3
North	...	...	118	9.4	West	...	...	86	14.7
North-East	...	...	144	17.0	North-West	...	...	108	12.0
East	...	...	170	21.9	Brunswick	...	...	61	10.5
South	...	...	59	18.0	New Wortley	...	...	62	13.6
East Hunslet	...	...	114	11.1	Armley	...	...	102	8.9
West Hunslet	...	...	117	13.5	Bramley	...	...	60	9.7
Holbeck	...	...	130	15.3	Headingley	...	...	102	7.5

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were eighteen deaths at Manston Hospital during this quarter.

E. 5.

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the thirteen weeks ended 31st December, 1910. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

Districts.	Births.	Birth Rate.	Deaths.	Death Rate.	
				All causes.	Zymotics.
LEEDS. { North ...	...	...	226	15.5	1.2
{ West ...	...	...	356	16.6	1.9
{ South-East ...	266	30.1	231	26.1	4.2
Hunslet ...	404	19.9	288	14.2	1.5
Holbeck ...	214	22.6	142	15.0	1.5
Wortley ...	311	18.0	201	11.7	0.7
Kirkstall ...	...	...	142	10.8	1.2
Bramley ...	74	15.0	56	11.3	1.0
Chapelton ...	...	...	134	10.9	0.8
Osmondthorpe ...	3	36.1	2	24.0	...
Outsiders ...	...	...	59	...	...
Totals ...	2,550	20.8	1,837	15.0	1.5

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.	Deaths.	Death Rate.	Wards.	Deaths.	Death Rate.
Eastern Division.			Western Division.		
Central	49	10.2	Mill Hill	35	21.8
North	156	12.4	West	122	20.9
North-East	143	16.9	North-West	109	12.1
East	204	26.3	Brunswick	99	17.1
South	65	19.8	New Wortley	72	15.8
East Hunslet	153	14.9	Armley	116	10.2
West Hunslet	118	13.6	Bramley	69	11.1
Holbeck	118	13.9	Headingley	150	11.1

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were forty-one deaths at Manston Hospital during this quarter.

E. 6.

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the thirteen weeks ended 1st April, 1911. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

Districts (altered).	Births.	Birth Rate.	Deaths.	Death Rate.	
				All causes. 7 Zymotics.	
LEEDS. { North	312	17·8	206	11·8	1·1
{ North-East	202	23·5	168	19·5	2·3
{ West	510	22·8	339	15·2	1·3
{ South-East	267	30·0	226	25·4	3·2
Hunslet	488	23·6	301	14·6	1·5
Holbeck	246	25·5	171	17·7	1·4
Wortley	321	18·3	232	13·2	1·1
Kirkstall	277	20·0	152	11·0	0·9
Bramley	99	19·8	86	17·2	2·4
<i>Outsiders</i>	...	...	82	...	...
Totals	2,722	21·9	1,963	15·8	1·5

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.	Deaths.	Death Rate.	Wards.	Deaths.	Death Rate.
Eastern Division.			Western Division.		
Central	71	14·9	Mill Hill	38	24·2
North	152	11·8	West	96	16·4
North-East	168	19·5	North-West	118	12·9
East	187	23·9	Brunswick	87	15·0
South	67	20·8	New Wortley	86	18·9
East Hunslet	152	14·4	Armley	133	11·4
West Hunslet	139	15·8	Bramley	99	15·7
Holbeck	136	15·7	Headingley	152	11·0

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were seventy-one deaths at Manston Hospital during this quarter.

TABLE F. (1).

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds; with the Birth and Death-rates from all causes in the 76 large English towns for each of the thirteen weeks ended 1st January, 1910.

1909.	OCTOBER.				NOVEMBER.				DECEMBER.					TOTALS OR AVERAGES.	YEAR.	
	9th. Oct.	16th. Oct.	23rd. Oct.	30th. Oct.	6th. Nov.	13th. Nov.	20th. Nov.	27th. Nov.	4th. Dec.	11th. Dec.	18th. Dec.	25th. Dec.	1st. Jan.			
Total Births	1	209	204	200	177	207	207	209	193	183	186	202	126	208	2,511	11,002
Total Deaths	2	123	107	107	106	109	126	119	139	147	152	133	130	163	1,661	6,854
Under 1 year	3	27	26	21	17	25	30	18	21	23	32	17	17	29	303	1,350
1 to 2 years	4	5	3	7	4	7	7	6	11	10	8	5	6	9	88	371
2 to 5 years	5	6	5	7	4	2	3	8	4	7	7	2	5	11	71	310
5 to 60 years	6	51	42	42	40	40	47	52	51	65	44	58	59	51	642	2,651
60 yrs. and upwards	7	34	31	30	41	35	39	35	52	42	61	51	43	63	557	2,172
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	9	1	...	...	1	...	1	1	3	3	2	2	3	2	19	78
Scarlet Fever	10	1	...	...	...	1	...	...	1	...	...	...	...	...	3	12
*Diphtheria	11	1	1	...	1	1	...	1	1	...	2	1	1	1	12	65
Whooping-cough..	12	2	...	1	2	1	...	2	...	3	2	...	...	1	14	83
Typhus Fever	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Typhoid Fever ...	14	...	...	2	2	1	3	3	...	...	...	...	2	...	13	40
Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea or Dysent.	16	6	4	3	2	2	1	1	...	1	...	...	...	3	23	110
All seven.....	17	11	5	6	8	6	5	8	5	6	5	6	6	7	84	390
Cholera (English) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup	19	...	...	...	...	...	...	...	...	1	...	...	...	1	2	5
Dis. of Resp. System	20	15	28	12	13	19	21	26	31	45	47	25	29	45	356	1,486
Influenza†	21	...	2	...	...	...	...	...	3	2	6	4	1	2	20	104
Phthisis	22	8	8	8	10	7	11	13	10	13	3	10	15	10	126	548
Dis. of Circul. System	23	22	15	15	8	12	15	14	11	10	18	20	10	21	191	743
Violent Deaths	24	3	1	4	3	7	4	10	5	6	8	9	4	8	72	256
Inquest cases	25	8	6	7	11	12	14	19	13	20	18	16	14	25	183	633
Deaths in Pub. Inst.	26	23	24	29	26	22	23	18	33	29	24	27	37	35	350	1,403
Dispensary: visits pd.	27	213	185	153	175	206	249	248	274	280	296	312	258	205	3,054	14,234
Cases admitted to our own hospitals	28	68	64	84	68	86	56	56	52	72	60	64	51	51	832	2,322
Barom. (inches)	29	29.60	29.59	29.65	29.68	30.02	29.89	30.00	30.06	29.00	29.57	30.01	29.22	29.84	29.71	29.83
Attached Ther. °F. ...	30	61.69	61.15	62.92	56.08	58.54	57.62	52.31	52.54	53.92	51.31	53.85	46.83	50.85	55.40	58.81
Dry bulb.....	31	56.31	56.77	55.92	43.31	50.69	44.85	38.85	40.54	42.85	41.46	40.23	35.92	45.23	45.67	50.44
Wet bulb.....	32	53.69	53.31	53.08	39.62	48.15	41.69	36.77	37.92	40.85	40.00	38.85	35.00	43.08	43.28	46.56
Humidity	33	83.62	78.77	82.31	73.38	82.46	77.31	82.85	79.69	84.46	87.92	88.69	89.83	84.46	82.71	76.22
Mn. of highest reading	34	61.57	60.43	61.14	47.86	53.43	49.00	43.43	44.71	45.86	44.14	42.71	39.71	48.00	49.38	55.08
„ lowest „	35	49.14	49.00	49.00	37.00	43.43	38.43	32.71	33.86	38.29	34.86	37.29	29.14	37.00	39.16	42.25
„ daily range ...	36	12.43	11.43	12.14	10.86	10.00	10.57	10.72	10.85	7.57	9.28	5.42	10.57	11.00	10.22	12.83
Total rainfall (inches)	37	0.72	0.66	0.41	0.02	0.03	...	0.02	0.02	1.48	0.76	0.48	1.78	0.44	6.82	24.26
Wind (Direction ...	38	SW NW	SW W	SW	NE NW	NW W	NW	NW NE	NW	SW	NW SW	NE	SW	W	...	...
Force 0-6 ...	39	3	3	3	3	1	3	1	2	2	2	2	2	2	2	2
Amount of Cloud	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Birth-rate (Leeds) ...	41	22.5	22.0	21.6	19.1	22.3	22.3	22.5	20.8	19.7	20.1	21.8	13.6	22.4	20.8	22.8
Death-rate (Leeds)...	42	13.3	11.5	11.5	11.4	11.8	13.6	12.8	15.0	15.8	16.4	14.3	14.0	17.6	13.8	14.2
Death-rate (76 towns)	43	12.9	12.2	12.0	12.0	13.3	13.8	14.6	16.4	16.5	16.6	15.0	15.4	16.7	14.3	14.7
Birth-rate (76 towns)	44	25.1	24.9	26.0	24.7	26.5	25.7	24.0	11.3	22.4	24.2	24.5	20.7	24.6	24.4	25.7
D.R. lung dis. (Leeds)	45	1.6	3.0	1.3	1.4	2.0	2.3	2.8	3.3	4.9	5.1	2.7	3.1	4.9	3.0	3.1
D.R. 7 Zymotics ..	46	1.2	0.5	0.6	0.9	0.6	0.5	0.9	0.5	0.6	0.5	0.6	0.6	0.8	0.7	0.8

The Dispensary returns are furnished me by the kindness of the resident staff, and have regard to a week ended in each case a day earlier than that given in the heading.

The meteorological data are compiled from returns sent us by Mr. Crowther. They are uncorrected readings, made at 10 a.m. and 4 p.m. The humidity each week is the average of the humidities calculated on each of the thirteen observations of the wet and dry bulbs. On January 17th, 1906, the attached thermometer was removed into an inner room in which there was a fire.

* Includes membranous croup. Line 19 includes non-spasmodic croup not returned as membranous. † Line 20 includes line 21.

TABLE F. (2).

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds; with the Birth and Death-rates from all causes in the 76 large English towns for each of the thirteen weeks ended 2nd April, 1910.

1910.		JANUARY.				FEBRUARY.				MARCH.					TOTALS OR AVERAGES.
		8th. Jan.	15th. Jan.	22nd. Jan.	29th. Jan.	5th. Feb.	12th. Feb.	19th. Feb.	26th. Feb.	5th. Mar.	12th. Mar.	19th. Mar.	26th. Mar.	2nd. Apr.	
Total Births	1	238	201	208	165	210	216	225	229	243	213	201	217	199	2,765
Total Deaths	2	147	134	143	147	142	144	119	135	141	119	128	125	133	1,757
Under 1 year	3	24	29	19	23	25	23	25	27	38	25	17	25	24	324
1 to 2 years	4	4	11	6	10	7	5	10	6	8	8	6	4	8	93
2 to 5 years	5	8	6	7	5	7	5	4	4	7	5	10	3	4	75
5 to 60 years	6	54	49	58	61	45	69	41	57	50	44	50	50	51	679
60 yrs. and upwards	7	57	39	53	48	58	42	39	41	38	37	45	43	46	586
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	9	2	1	1	1	...	...	...	1	1	...	1	...	1	9
Scarlet Fever	10	2	...	2	1	1	...	...	1	...	...	2	...	1	10
*Diphtheria	11	2	1	1	3	4	...	...	1	1	1	...	1	1	16
Whooping-cough..	12	4	4	2	4	1	2	4	...	3	1	4	...	2	31
Typhus Fever	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever	14	...	2	...	...	...	1	...	2	2	...	1	...	1	9
Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea or Dysent.	16	2	4	1	...	1	1	1	1	1	...	1	...	...	13
All seven	17	12	12	7	9	7	4	5	6	8	2	9	1	6	88
Cholera (English) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup	19	...	...	...	1	...	...	...	...	...	1	...	...	...	2
Dis. of Resp. System	20	42	31	28	22	39	39	30	28	32	31	27	27	35	411
Influenza†	21	5	2	7	...	3	4	2	3	7	2	1	2	1	39
Phthisis	22	10	4	9	15	13	16	5	14	9	5	9	7	8	124
Dis. of Circul. System	23	12	19	18	9	17	14	15	17	16	12	20	13	14	196
Violent Deaths	24	6	4	8	3	8	6	2	5	7	7	3	6	7	72
Inquest cases	25	10	18	16	12	20	18	7	17	14	15	14	12	15	188
Deaths in Pub. Inst.	26	34	23	28	33	26	32	20	37	23	28	22	23	23	352
Dispensary: visits pd.	27	203	244	214	222	221	250	259	215	223	185	229	253	146	2,864
Cases admitted to our own hospitals	28	50	36	46	44	47	54	47	61	33	30	59	52	43	602
Barom. (inches)	29	30.24	29.73	29.48	29.09	29.51	29.75	29.25	29.32	29.85	29.79	29.91	30.29	30.35	29.73
Attached Ther. *F...	30	55.62	52.62	51.54	45.77	50.15	54.38	55.15	53.38	54.54	57.54	57.31	57.33	57.92	54.08
Dry bulb	31	45.08	41.69	38.00	31.08	39.69	43.00	45.31	40.69	44.46	46.38	43.85	48.42	47.38	42.66
Wet bulb	32	43.31	39.69	36.00	30.31	38.23	40.85	42.31	38.08	41.77	44.00	40.00	44.58	42.77	40.12
Humidity	33	86.77	84.62	82.00	90.85	87.77	83.92	78.85	80.54	80.77	83.46	72.85	74.67	69.77	81.33
Mn. of highest reading	34	48.71	45.57	42.71	35.43	42.86	47.14	49.14	46.43	49.14	51.57	48.00	54.29	55.29	47.41
„ lowest „	35	40.14	36.43	33.71	25.86	33.86	39.00	39.71	35.43	36.14	40.14	36.29	40.43	34.57	36.29
„ daily range ...	36	8.57	9.14	9.00	9.57	9.00	8.14	9.43	11.00	13.00	11.43	11.71	13.86	20.72	11.12
Total rainfall (inches)	37	0.10	1.21	0.46	1.07	0.31	0.28	0.43	0.87	0.07	0.33	0.07	...	0.02	5.22
Wind { Direction ...	38	SW W	SW W	WNW	NW	SW SE	SW NW	W SW	W	SE SW	W NE	NW	NW	NE	...
{ Force 0-6 ...	39	2	3	3	2	2	2	4	2	2	2	3	2	1	2
Amount of Cloud	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Birth-rate (Leeds) ...	41	25.3	21.4	22.1	17.5	22.3	23.0	23.9	24.3	25.8	22.6	21.4	23.1	21.1	22.6
Death-rate (Leeds)...	42	15.6	14.2	15.2	15.6	15.1	15.3	12.6	14.3	15.0	12.6	13.6	13.3	14.1	14.4
Death-rate (76 towns)	43	14.8	14.9	14.8	16.3	17.0	16.6	15.8	14.7	14.5	13.6	13.5	13.9	14.4	14.8
Birth-rate (76 towns)	44	27.0	24.8	23.6	22.7	26.3	26.3	25.9	25.1	27.1	25.9	26.2	24.2	25.5	25.4
D.R. lung dis. (Leeds)	45	4.5	3.3	3.0	2.3	4.1	4.1	3.2	3.0	3.4	3.3	2.9	2.9	3.7	3.4
D.R. 7 Zymotics ..	46	1.3	1.3	0.7	1.0	0.7	0.4	0.5	0.6	0.9	0.2	1.1	0.1	0.6	0.7

The Dispensary returns are furnished me by the kindness of the resident staff, and have regard to a week ended in each case a day earlier than that given in the heading.

The meteorological data are compiled from returns sent us by Mr. Crowther. They are uncorrected readings, made at 10 a.m. and 4 p.m. The humidity each week is the average of the humidities calculated on each of the thirteen observations of the wet and dry bulbs. On January 17th, 1906, the attached thermometer was removed into an inner room in which there was a fire.

* Includes membranous croup. Line 19 includes non-spasmodic croup not returned as membranous. † Line 20 includes line 21.

TABLE F. (3).

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds; with the Birth and Death-rates from all causes in the 77 large English towns for each of the thirteen weeks ended 2nd July, 1910.

1910.		APRIL.				MAY.				JUNE.					TOTALS OR AVERAGES.
		Apl. 9th.	Apl. 16th.	Apl. 23rd.	Apl. 30th.	May 7th.	May 14th.	May 21st.	May 28th.	June 4th.	June 11th.	June 18th.	June 25th.	July 2nd.	
Total Births	1	233	240	210	213	223	229	153	267	236	209	224	185	209	2,831
Total Deaths	2	156	146	129	122	133	124	127	133	113	117	100	117	123	1,640
Under 1 year	3	23	34	19	25	28	30	27	27	24	25	15	22	26	325
1 to 2 years	4	9	10	5	10	10	7	7	10	9	11	5	6	7	106
2 to 5 years	5	5	7	7	10	3	8	7	3	5	4	6	4	5	74
5 to 60 years	6	68	67	54	45	55	43	46	56	40	43	46	55	50	668
60 yrs. and upwards	7	51	28	44	32	37	36	40	37	35	34	28	30	35	467
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	9	...	1	1	...	2	2	3	4	3	6	1	1	3	27
Scarlet Fever	10	1	3	...	...	1	1	1	1	1	...	...	1	...	10
*Diphtheria	11	4	2	2	3	1	3	...	1	...	...	1	...	...	17
Whooping-cough..	12	...	3	3	5	6	1	7	3	4	8	1	2	4	47
Typhus Fever	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever	14	...	...	...	1	...	...	1	1	...	...	...	1	...	4
Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea or Dysent.	16	1	...	1	3	1	1	1	2	1	4	2	...	2	19
All seven	17	6	9	7	12	11	8	13	12	9	18	5	5	9	124
Cholera (English) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dis. of Resp. System	20	38	31	28	22	22	27	27	25	15	17	22	19	16	309
Influenza†	21	4	1	3	1	...	...	...	1	1	1	...	...	...	12
Phthisis	22	10	10	9	8	18	6	5	9	12	12	9	9	12	129
Dis. of Circul. System	23	16	17	12	11	13	12	13	11	8	8	17	7	10	155
Violent Deaths	24	11	7	7	4	4	5	8	9	3	9	1	3	7	78
Inquest cases	25	16	15	13	10	11	18	12	13	6	14	6	6	18	158
Deaths in Pub. Inst.	26	32	33	30	25	26	22	23	30	23	21	15	23	28	331
Dispensary: visits pd.	27	285	281	264	275	316	278	228	249	252	250	247	206	195	3,326
Cases admitted to our own hospitals	28	36	52	54	48	38	64	47	45	47	35	50	42	40	598
Barom. (inches)	29	29.83	29.36	29.83	29.64	29.69	29.85	29.75	30.09	29.57	29.91	30.22	29.82	29.49	29.77
Attached Ther. *F... ..	30	57.31	59.85	60.38	58.46	59.77	61.54	62.83	65.92	64.15	68.31	68.38	67.92	62.54	62.87
Dry bulb	31	46.38	50.23	50.46	48.62	48.92	54.38	58.42	60.31	57.62	65.46	64.69	64.62	57.69	55.97
Wet bulb	32	43.46	46.85	47.38	44.62	45.31	48.38	55.92	55.00	53.38	60.31	58.46	60.08	53.15	51.60
Humidity	33	79.62	78.38	79.46	73.62	76.31	66.31	85.42	71.31	75.54	72.54	67.77	75.69	73.62	74.98
Mn. of highest reading	34	50.29	55.14	55.29	52.43	55.86	59.57	63.86	67.29	64.86	74.00	72.86	71.71	62.86	62.00
„ lowest „	35	37.14	38.71	41.29	38.43	41.00	41.14	49.29	48.86	49.14	54.29	53.14	55.71	51.00	46.09
„ daily range ...	36	13.15	16.43	14.00	14.00	14.86	18.43	14.57	18.43	15.72	19.71	19.72	16.00	11.86	15.91
Total rainfall (inches)	37	0.46	0.71	0.27	0.52	0.97	0.29	0.31	...	0.13	0.12	0.01	1.36	0.89	6.04
Wind (Direction ...	38	NE E	SW	W	W	W NW	E NE	NE	NE NW	W SW	NW	NW	SW	W NW	...
(Force 0-6 ...	39	2	2	3	3	3	2	1	2	2	2	2	2	4	2
Amount of Cloud	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Birth-rate (Leeds) ...	41	24.8	25.5	22.3	22.6	23.7	24.3	16.3	28.4	25.1	22.2	23.8	19.7	22.2	23.1
Death-rate (Leeds)...	42	16.6	15.5	13.7	13.0	14.1	13.2	13.5	14.1	12.0	12.4	10.6	12.4	13.1	13.4
Death-rate (77 towns)	43	14.9	15.0	13.7	13.1	13.1	13.8	12.4	12.7	11.8	11.4	11.1	11.2	11.0	12.6
Birth-rate (77 towns)	44	27.1	26.8	25.2	25.8	26.1	28.0	18.5	31.0	27.0	26.1	26.5	25.0	25.7	26.1
D.R. lung dis. (Leeds)	45	4.0	3.3	3.0	2.4	2.4	2.9	2.9	2.7	1.6	1.8	2.4	2.0	1.7	2.5
D.R. 7 Zymotics ..	46	0.6	1.0	0.6	1.3	1.2	0.9	1.4	1.3	1.0	1.9	0.5	0.5	1.0	1.0

The Dispensary returns are furnished me by the kindness of the resident staff, and have regard to a week ended in each case a day earlier than that given in the heading.

The meteorological data are compiled from returns sent us by Mr. Crowther. They are uncorrected readings, made at 10 a.m. and 4 p.m. The humidity each week is the average of the humidities calculated on each of the thirteen observations of the wet and dry bulbs. On January 17th, 1906, the attached thermometer was removed into an inner room in which there was a fire.

* Includes membranous croup. Line 19 includes non-spasmodic croup not returned as membranous. † Line 20 includes line 21.

TABLE F. (4).

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds; with the Birth and Death-rates from all causes in the 77 large English towns for each of the thirteen weeks ended 1st October, 1910.

1910.		JULY.				AUGUST.					SEPTEMBER.				TOTALS OR AVERAGES.
		July 9th.	July 16th.	July 23rd.	July 30th.	Aug. 6th.	Aug. 13th.	Aug. 20th.	Aug. 27th.	Sep. 3rd.	Sep. 10th.	Sep. 17th.	Sep. 24th.	Oct. 1st.	
Total Births	1	219	196	222	241	192	227	240	210	199	201	183	200	191	2,721
Total Deaths	2	103	96	122	116	118	129	122	119	133	118	151	129	100	1,556
Under 1 year	3	24	16	23	22	26	36	35	50	37	28	43	33	20	393
1 to 2 years.....	4	8	6	8	6	10	11	10	13	22	10	14	14	9	141
2 to 5 years.....	5	4	2	8	10	7	7	14	4	7	5	9	5	3	85
5 to 60 years	6	34	43	52	55	42	48	37	35	41	40	43	47	42	559
60 yrs. and upwards	7	33	29	31	23	33	27	26	17	26	35	42	30	26	378
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	9	2	2	3	5	3	10	3	3	5	2	4	2	2	46
Scarlet Fever	10	...	...	...	2	...	1	...	1	1	1	...	...	...	6
*Diphtheria	11	...	1	1	2	...	2	1	1	...	1	...	2	...	11
Whooping-cough..	12	5	2	3	3	3	5	4	3	3	1	1	6	4	43
Typhus Fever.....	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever ...	14	...	...	...	...	...	...	...	...	...	...	1	1	1	3
Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea or Dysent.	16	2	...	2	5	6	8	26	18	21	15	21	8	6	138
All seven.....	17	9	5	9	17	12	26	34	26	30	20	27	19	13	247
Cholera (English) ...	18	...	...	...	...	...	...	...	1	1	...	...	...	...	2
Croup	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dis. of Resp. System	20	14	12	8	21	13	18	12	17	12	13	10	23	18	191
Influenza†	21	...	...	...	1	...	...	2	1	1	...	1	2	...	8
Phthisis	22	10	9	11	10	7	10	7	4	5	7	10	6	4	100
Dis. of Circul. System	23	10	7	12	9	14	10	6	5	9	10	12	15	9	128
Violent Deaths	24	2	8	7	3	6	6	6	1	4	6	6	3	3	61
Inquest cases	25	4	13	11	6	15	11	10	6	8	15	14	7	6	126
Deaths in Pub. Inst.	26	19	21	26	24	29	29	21	20	16	17	25	27	19	293
Dispensary: visits pd.	27	134	121	134	136	115	172	195	189	192	170	145	240	207	2,150
Cases admitted to our own hospitals	28	37	60	47	35	31	35	31	26	31	42	50	58	61	544
Barom. (inches)	29	29.89	30.04	29.76	29.61	29.69	29.95	29.82	29.75	30.01	30.28	30.30	30.27	29.99	29.95
Attached Ther. °F...	30	62.92	67.31	67.15	66.62	68.92	69.08	69.23	64.08	64.23	63.00	63.38	63.31	65.23	65.73
Dry bulb	31	59.54	65.00	62.62	62.54	64.92	65.62	64.54	60.46	61.08	58.54	56.46	55.92	60.00	61.33
Wet bulb	32	55.00	58.62	56.85	58.08	58.38	59.77	60.15	56.85	57.31	54.62	52.85	51.62	56.77	56.68
Humidity	33	74.08	68.15	68.77	75.38	65.77	71.31	75.69	78.54	77.92	70.62	77.85	73.85	80.69	74.20
Mn. of highest reading	34	64.14	70.71	67.57	70.71	70.71	71.31	70.00	64.14	64.86	62.29	60.86	59.86	65.57	66.15
„ lowest „	35	51.00	53.29	54.43	53.57	53.86	56.00	57.29	53.86	52.29	52.00	49.86	48.29	51.00	52.82
„ daily range ...	36	13.14	17.42	13.14	14.00	16.85	15.71	12.71	10.28	12.57	10.29	11.00	11.57	14.57	13.33
Total rainfall (inches)	37	1.62	...	0.59	0.30	0.30	0.12	0.78	1.36	0.88	...	0.04	...	0.29	6.28
Wind { Direction ...	38	WNW	NE	NWSW	SWW	WSW	NE	W	NW	W	W	N	NW	W	...
{ Force 0-6 ...	39	2	2	4	2	3	2	2	2	2	1	1	2	2	2
Amount of Cloud	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Birth-rate (Leeds) ...	41	23.3	20.8	23.6	25.6	20.4	24.1	25.5	22.3	21.1	21.4	19.4	21.3	20.3	22.2
Death-rate (Leeds)...	42	10.9	10.2	13.0	12.3	12.5	13.7	13.0	12.6	14.1	12.5	16.0	13.7	10.6	12.7
Death-rate (77 towns)	43	11.0	11.4	11.1	11.3	10.7	11.1	11.5	12.1	12.1	11.7	12.6	13.0	13.4	11.6
Birth-rate (77 towns)	44	25.7	25.1	25.1	27.4	21.6	26.7	25.7	25.0	24.4	24.4	23.3	23.7	23.8	24.7
D.R. lung dis. (Leeds)	45	1.5	1.3	0.9	2.2	1.4	1.9	1.3	1.8	1.3	1.4	1.1	2.4	1.9	1.6
D.R. Diarrhoea ..	46	0.2	...	0.2	0.5	0.6	0.9	2.8	1.9	2.2	1.6	2.2	0.9	0.6	1.1

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* Includes membranous croup. Line 19 includes non-spasmodic croup not returned as membranous. † Line 20 includes line 21.

TABLE F. (5).

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds: with the Birth and Death-rates from all causes in the 77 large English towns for each of the thirteen weeks ended 31st December, 1910.

1910.	OCTOBER				NOVEMBER.					DECEMBER.				TOTALS OR AVERAGES.	YEAR.	
	Oct. 8th.	Oct. 15th.	Oct. 22nd.	Oct. 29th.	Nov. 5th.	Nov. 12th.	Nov. 19th.	Nov. 26th.	Dec. 3rd.	Dec. 10th.	Dec. 17th.	Dec. 24th.	Dec. 31st.			
Total Births	1	200	183	193	229	208	197	192	179	189	189	194	205	192	2,550	10,867
Total Deaths	2	134	113	106	119	152	142	176	161	175	148	154	135	122	1,837	6,790
Under 1 year	3	33	30	23	31	28	30	34	37	42	31	39	20	26	404	1,446
1 to 2 years.....	4	9	14	8	6	9	16	14	15	13	12	11	13	8	148	488
2 to 5 years.....	5	7	3	5	6	15	13	5	18	12	13	13	12	12	134	368
5 to 60 years	6	46	38	42	45	63	48	62	41	61	43	56	54	42	641	2,547
60 yrs. and upwards	7	39	28	28	31	37	35	61	50	47	49	35	36	34	510	1,941
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	9	3	...	1	3	9	9	6	11	8	7	5	9	7	78	160
Scarlet Fever	10	...	2	...	1	3	3	1	1	2	1	2	...	...	16	42
*Diphtheria	11	4	...	1	1	3	1	3	2	1	2	1	5	2	26	70
Whooping-cough..	12	3	3	1	2	...	1	3	1	3	4	5	2	1	29	150
Typhus Fever.....	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever ...	14	...	...	...	1	...	...	1	...	...	...	1	1	1	5	21
Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea or Dysent.	16	8	7	6	4	...	1	...	...	1	...	1	1	..	29	199
All seven.....	17	18	12	9	12	15	15	14	15	15	14	15	18	11	183	642
Cholera (English) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Croup	19	...	...	...	...	1	...	...	1	...	...	...	...	...	2	4
Dis. of Resp. System	20	19	22	12	17	24	27	45	44	51	42	39	25	32	399	1,310
Influenza†	21	...	...	...	...	1	1	1	1	1	...	2	2	...	9	68
Phthisis	22	11	8	11	11	15	7	15	12	16	17	14	13	7	157	510
Dis. of Circul. System	23	12	7	7	14	18	17	22	14	11	16	7	11	10	166	645
Violent Deaths	24	4	5	1	3	4	7	8	5	10	5	7	7	2	68	279
Inquest cases	25	9	15	3	13	13	20	17	11	19	19	15	14	10	178	650
Deaths in Pub. Inst.	26	25	22	28	20	38	20	42	28	37	25	33	35	20	373	1,349
Dispensary: visits pd.	27	184	183	168	187	201	197	203	192	179	163	193	170	131	2,351	10,691
Cases admitted to our own hospitals	28	62	64	70	78	59	90	65	60	51	54	68	44	51	816	2,560
Barom. (inches)	29	30.19	30.07	29.82	29.93	29.27	29.43	29.42	29.91	29.81	29.11	29.10	29.89	29.94	29.74	29.80
Attached Ther. °F ...	30	64.46	60.92	57.46	58.69	54.92	51.69	52.77	48.92	51.46	56.92	58.38	56.62	51.17	55.75	59.62
Dry bulb.....	31	59.23	53.54	51.54	50.62	43.92	39.92	41.31	36.85	40.00	46.77	48.54	47.46	41.75	46.29	51.58
Wet bulb.....	32	55.23	49.77	50.00	48.38	41.46	37.85	38.85	35.15	38.85	45.77	47.38	46.46	40.67	44.32	48.21
Humidity	33	76.38	76.23	89.23	84.77	81.92	83.08	80.54	84.38	90.38	92.77	91.85	92.69	91.08	85.76	79.06
Mn. of highest reading	34	65.14	57.57	55.71	53.43	46.86	44.57	45.00	40.00	42.14	49.29	50.71	50.57	44.57	49.66	56.30
„ lowest „	35	52.71	47.71	48.29	46.43	40.71	35.43	37.57	31.86	36.43	43.71	45.00	43.29	38.00	42.09	44.32
„ daily range ...	36	12.43	9.86	7.42	7.00	6.15	9.14	7.43	8.14	5.71	5.58	5.71	7.28	6.57	7.57	11.98
Total rainfall (inches)	37	0.69	0.41	1.03	0.27	0.84	1.58	0.61	0.37	1.88	0.36	0.90	0.15	0.19	9.28	26.82
Wind { Direction ...	38	NW W	NE SW	E NE	E	W	W	W	W SW	NW W	E	SE NW	SW NW	NW SW	...	...
{ Force 0-6 ...	39	2	3	2	2	3	2	3	2	2	3	3	4	4	3	3
Amount of Cloud	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Birth-rate (Leeds) ...	41	21.3	19.5	20.5	24.3	22.1	20.9	20.4	19.0	20.1	20.1	20.6	21.8	20.4	20.8	22.2
Death-rate (Leeds)...	42	14.2	12.0	11.3	12.6	16.2	15.1	18.7	17.1	18.6	15.7	16.4	14.3	13.0	15.0	13.9
Death-rate (77 towns)	43	12.8	13.1	13.0	13.0	13.1	14.8	15.5	17.3	18.1	16.8	15.2	14.2	14.1	14.7	...
Birth-rate (77 towns)	44	23.8	22.9	24.4	25.0	24.2	24.6	23.7	22.6	22.3	24.2	23.5	24.6	21.3	23.6	...
D.R. lung dis. (Leeds)	45	2.0	2.3	1.3	1.8	2.6	2.9	4.8	4.7	5.4	4.5	4.1	2.7	3.4	3.3	2.7
D.R. 7 Zymotics „	46	1.9	1.3	1.0	1.3	1.6	1.6	1.5	1.6	1.6	1.5	1.6	1.9	1.2	1.5	1.3

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The meteorological data are compiled from returns sent us by Mr. Crowther. They are uncorrected readings, made at 10 a.m. and 4 p.m. The humidity each week is the average of the humidities calculated on each of the thirteen observations of the wet and dry bulbs. On January 17th, 1906, the attached thermometer was removed into an inner room in which there was a fire.

* Includes membranous croup. Line 19 includes non-spasmodic croup not returned as membranous. † Line 20 includes line 21.

TABLE F. (6).

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds; with the Birth and Death-rates from all causes in the 77 large English towns for each of the thirteen weeks ended 1st April, 1911.

1911.	JANUARY				FEBRUARY.				MARCH.					TOTALS OR AVERAGES.	
	Jan. 7th.	Jan. 14th.	Jan. 21st.	Jan. 28th.	Feb. 4th.	Feb. 11th.	Feb. 18th.	Feb. 25th.	Mar. 4th.	Mar. 11th.	Mar. 18th.	Mar. 25th.	April 1st.		
Total Births	1	219	202	207	213	224	219	199	189	180	218	219	247	186	2,722
Total Deaths	2	152	171	166	171	154	159	169	176	154	121	107	131	132	1,963
Under 1 year	3	30	26	28	26	34	41	27	30	24	21	17	29	17	350
1 to 2 years.....	4	8	9	11	10	11	12	11	14	16	7	10	7	2	128
2 to 5 years.....	5	10	14	18	16	9	13	5	9	10	5	4	6	7	126
5 to 65 years	6	75	74	70	71	61	61	84	73	64	56	53	59	74	875
65 yrs. and upwards	7	29	48	39	48	39	32	42	50	40	32	23	30	32	484
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	9	4	...	6	2	2	3	1	3	4	2	1	2	2	32
Scarlet Fever	10	1	2	...	...	1	3	...	1	2	...	1	1	1	13
*Diphtheria	11	7	3	3	3	7	5	4	7	4	5	4	6	4	62
Whooping-cough..	12	2	8	7	7	2	3	5	2	3	1	6	7	...	53
Typhus Fever.....	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever	14	...	...	...	...	1	1	...	...	...	...	3	...	1	6
Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
**Diarrhoea	16	...	...	1	1	...	...	3	1	...	...	...	...	1	7
Enteritis (und. 2 yrs.)	16a	...	1	1	...	2	1	...	1	2	...	...	1	...	9
All seven.....	17	14	14	18	13	15	16	13	15	15	8	15	17	9	182
Cholera (English) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup	19	1	...	...	...	...	...	...	...	...	...	...	...	...	1
Dis. of Resp. System	20	31	35	35	38	38	44	27	48	29	22	14	21	22	404
Influenza†	21	1	...	...	2	...	2	2	3	1	1	...	1	...	13
Phthisis	22	12	15	16	20	15	9	18	11	12	15	10	10	18	181
Dis. of Circul. System	23	20	20	19	18	6	9	19	8	17	11	7	12	15	181
Violent Deaths	24	7	7	13	4	10	2	6	8	5	5	6	7	1	81
Inquest cases	25	19	16	22	12	16	8	14	23	17	7	10	12	11	187
Deaths in Pub. Inst.	26	37	37	33	36	47	27	46	53	33	40	23	29	33	474
Dispensary: visits pd.	27	191	175	161	172	154	173	163	172	139	140	130	132	144	2,046
Cases admitted to our own hospitals	28	53	44	64	58	49	67	61	61	54	58	37	41	41	688
Barom. (inches)	29	29.98	30.02	30.42	30.17	30.53	30.30	30.04	29.41	29.81	29.89	29.58	29.97	29.87	30.00
Attached Ther. °F...	30	51.46	52.31	53.69	55.31	52.46	52.39	55.85	57.00	57.23	55.54	54.77	54.46	57.23	54.59
Dry bulb.....	31	39.77	42.77	43.31	47.15	38.39	38.69	47.00	45.77	49.77	43.85	40.77	42.77	44.00	43.38
Wet bulb.....	32	38.77	41.46	41.77	44.69	35.62	35.54	43.54	42.39	46.31	40.38	38.15	39.54	41.15	40.72
Humidity	33	91.69	89.39	88.08	82.62	76.23	74.54	76.08	76.54	77.15	75.85	79.92	76.62	79.85	80.35
Mn. of highest reading	34	42.00	45.57	46.14	50.00	42.14	42.14	50.14	49.29	51.57	47.71	44.43	45.29	46.71	46.40
„ lowest „	35	36.14	37.43	37.57	41.57	30.86	32.29	39.86	39.43	42.43	37.00	34.57	36.71	37.43	37.18
„ daily range ...	36	5.86	8.14	8.57	8.43	11.28	9.85	10.28	9.86	9.14	10.71	9.86	8.58	9.28	9.22
Total rainfall (inches)	37	0.39	0.29	...	0.04	...	0.02	0.45	0.83	0.30	0.13	0.36	0.03	0.12	2.96
Wind { Direction ...	38	NE NW	SW W	NW SW	SW	NW NE	NW	SW W	NW SW	W NW	SW	NW NE	NE	NE	...
{ Force 0-6 ...	39	3	2	2	3	2	2	4	5	4	2	3	3	3	3
Birth-rate (Leeds) ...	41	22.9	21.2	21.7	22.3	23.5	22.9	20.8	19.8	18.9	22.8	22.9	25.9	19.5	21.9
Death-rate (Leeds)...	42	15.9	17.9	17.4	17.9	16.1	16.7	17.7	18.4	16.1	12.7	11.2	13.7	13.8	15.8
Death-rate (77 towns)	43	14.3	15.5	16.4	16.1	16.0	17.6	17.2	16.2	15.3	14.9	15.4	15.2	15.4	15.8
Birth-rate (77 towns)	44	25.3	25.5	25.5	25.0	24.0	25.5	24.4	22.9	24.7	24.9	24.2	26.1	25.8	24.9
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D. R. 7 Zymotics „	46	1.5	1.5	1.9	1.4	1.6	1.7	1.4	1.6	1.6	0.8	1.6	1.8	0.9	1.5

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