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ANNUAL REPORT

OF THE

Department of Public Health

AND THE

Vital Statistics Report

OF THE

PROVINCE OF SASKATCHEWAN

FOR THE CALENDAR YEAR

1931

HONORABLE FREDERICK DENNIS MUNROE, M.D., C.M.
MINISTER OF PUBLIC HEALTH

F. C. MIDDLETON, M.D., D.P.H.
DEPUTY MINISTER

REGINA:
ROLAND S. GARRETT, King's Printer
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Organisation Chart

Dept. of Public Health
Prov. of Saskatchewan
Canada.

Acts Administered:—
Public Health Act, V.D. Act, Aid to Hospls Act
Union Hospls Act, T.B. San. and Hospls Act
Vit. Statistics Act, Cancer Commission Act
Mental Defectives Act.

Minister of Public Health

Deputy Minister of Public Health

Council of Public Health

Cancer Commission
Purchase of Radium
Establish Hygienic Clinics for diagnosis of Cancer and Clinics for Treatment of Cancer
Collect Data and Statistics

Genl. Administration
Supervision of Boards of Health
Publicity
Requisitions
Purchase of Supplies
Legislation
Estimates
Literature

Div. of Comm. Diseases
Epidemiology
Treatment and Supervision of Trachoma.
Care of the Dead
Records and Statistics
Distribution of Vaccines & Sera.
Isolation and Quarantine
Disinfection

Div. of Sanitation.
Engineering
Urban and Rural Sanitation
Union Hospital Organisation
Milk, Water, and Ice Supplies.
Sewerage Systems and Sewage Disposal. Trade Wastes & Refuse destruction. Hospital Construction.
Hotel & Restaurant Inspections. Cemetery sites. Supervision of 8 Sanitation Districts.

Div. of Child Hygiene & Hospt. Management.
Maternity Grants
Pre-school Examination Clinics
Assist local bodies in organising Child Welfare Work
Infant Feeding. Relief.
Hospital Management, Home Nursing Classes and Demonstrations.
Medical Inspections, Financial Grants.
Travelling Dietitian.

Div. of P.H. Nursing
Health Inspection of School Children
Assist at Pre-school Examntn Clinics.
Home Visits, Home Nursing Classes Jr & Sr
Organisation of Weighing Centres.
Instn of Nursing & Maternity Homes.
Follow-up TB and Trachoma
Interview School Boards & Municipal Councils & Medical Health Officers.

Div. of Laboratories

Bacteriology	Pathology	Chemistry
Examination of Clinical mtrl	Examinations of Tumors	Food Milk
Reports of Blood Tests & preparation of Vaccines and Sera	& other results of diseases in Man & animals.	Water Alcoholic beverages
	General Medico-Legal Work.	

Div. of Vital Statistics
Searches and Certificates
Births, Marriages, Deaths, Divorces
Records, Classification & Tabulation
Inspections Transcripts for Dominion Authorities
Epidemic and other Diseases

Div. of Venereal Diseases
Dispensaries, Free Examinations and Treatment.
Educational Propaganda
Investigation and follow-up of Cases

Psychopathic Wards in General Hospitals.

Div. of P.H. Exhibits.
Preparation of Models for Fairs and Exhibitions, Graphs, Posters etc.

Miscellaneous
Hospital, Nursing and Medical service in unorganised territory

Div. of Mental Hygiene
Co-ordinate, direct, and supervise the work of Prevention, Treatment and Care, of the Mentally Diseased and Mentally Deficient cases in Mental Institutions and in jails
Mental Hygiene in Child Clinics
Boards of Parole

Full Time Health Districts.

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DEPARTMENT OF PUBLIC HEALTH,
REGINA, *January 2, 1932.*

TO HIS HONOR,
LIEUTENANT COLONEL HUGH EDWIN MUNROE, O.B.E., M.D., C.M., F.A.C.S.,
Lieutenant Governor of Saskatchewan.

MAY IT PLEASE YOUR HONOR,—

I beg to present herewith for your consideration the annual report of the Department of Public Health and Vital Statistics report, and the second report of the Saskatchewan Cancer Commission, for the calendar year 1931.

Respectfully submitted,
F. D. MUNROE,
Minister of Public Health.

DEPARTMENT OF PUBLIC HEALTH,
REGINA, *January 2, 1932.*

HONORABLE F. D. MUNROE, M.D., C.M.,
Minister of Public Health.

SIR,—

I have the honor to submit herewith the annual report of the Department of Public Health and the Vital Statistics report for the calendar year 1931.

Details of the work done in the different divisions will be found under their respective headings.

I have the honor to be, Sir,

Your obedient servant,

F. C. MIDDLETON, M.D., D.P.H.
Deputy Minister.

Twenty-Second Annual Public Health Report

Including the Vital Statistics Report

BEING THE NINTH REPORT SINCE THE CONVERSION OF THE BUREAU INTO A DEPARTMENT OF PUBLIC HEALTH

1931 REPORT

Council of Public Health

A meeting of the Council of Public Health was held December 29, 1931, at which the following members were present,—R. G. Ferguson, M.D., E. J. Ferg, M.D., A. Wilson, M.D., R. G. Chasmar, V.S., and F. C. Middleton, M.D., Chairman.

A report of the meeting of the Dominion Council of Public Health, and of the activities of the various divisions, was presented. The first report of the psychopathic service was given, in which it was pointed out that it had justified its purpose. The trachoma situation was given along with an outline of the conditions in the four districts where the disease is prevalent in epidemic form. The four districts were Hague-Rosthern, south of Swift Current, Kayville and Canora districts. An eye specialist had seen the cases in each district and had prescribed a course of treatment to be carried out by the public health nurse in the district. The report of the Full-time Health District (Gravelbourg) was presented.

Proposed new regulations for the Prevention, Notification and Control of Communicable Disease were read clause by clause and fully discussed. Proposed regulations respecting disinfestation were also discussed.

Legislation Passed During 1931.

An amendment to The Public Health Act, Chapter 69, 1931, defined Apartment Block, Bake Shop, Swimming Pool, and provided for the necessary authority to pass regulations governing same. Power was given to the council of any municipality to make bylaws for the prevention, treatment, mitigation and suppression of disease, such bylaws to be approved by the Minister. The penalty clause was amended.

The Union Hospital Act was amended, Chapter 83, 1931. It gives power to a co-operating municipality to apply to the Local Government Board for a readjustment of the amount originally fixed as its proportion of the expenditure.

The Tuberculosis Sanatoria and Hospitals Act was amended, Chapter 84, 1931. These were mostly minor clarifying amendments. One clause gives the medical superintendent power to discharge patients for breach of their regulations.

June 15, 1931: Regulations governing Plumbing and Drainage of premises and disposal of Sewage therefrom, amended. These deal with the type of material to be used for drains, water pipes, and stacks and give municipalities power to stipulate materials to be used. A new penalty clause was added.

June 15, 1931: Regulations regarding the Sanitary provisions to be observed in the control and arrangement of tenement houses rescinded and were replaced by regulations governing apartment blocks.

June 15, 1931: Regulations governing Inspection and Sanitary control of Barber Shops passed.

June 15, 1931: Regulations governing Tourist Camps passed.

June 15, 1931: Regulations governing Bake Shops passed.

October 6, 1931: R. G. Ferguson, M.D., C. J. Mackenzie, C.E., E. J. Ferg, M.D., R. G. Chasmar, V.S., and A. Wilson, M.D., were reappointed for a period of two years as members of the Council of Public Health.

December 23, 1931: Under provisions of Embalmers Act, G. H. McKague, Saskatoon, reappointed for period of one year on Board of Examiners in Embalming.

March 28, 1931: Conference at Legislative Building, called by Hon. F. D. Munroe, of those officially interested in mental hygiene work. Those present and the subjects discussed were as follows:—

Hon. F. D. Munroe, M.D., C.M., Chairman,—"Outline of the Proposed Mental Hygiene Program for Saskatchewan."

F. C. Middleton, M.D., D.P.H., Deputy Minister,—"Mental Health Activities Undertaken by Department of Public Health."

J. W. MacNeill, M.D., Commissioner of Mental Services, and Superintendent of Provincial Hospital, Battleford,—"An Objective for a Provincial Mental Hygiene Program."

A. D. Campbell, M.D., Superintendent, Saskatchewan Mental Hospital, Weyburn, —"Suggestions for a Provincial Mental Hygiene Program."

J. F. Nelson, M.D., Assistant Superintendent, Provincial Hospital, Battleford,—"The Type of Patient for Parole."

O. E. Rothwell, M.D., Director of Psychopathic Services,—"Psychopathic Hospital (Its place in program)."

S. R. Laycock, Esq., Professor of Educational Psychology, University of Saskatchewan,—"Practical Application of the Child Guidance Clinic."

C. A. Oulton, Esq., Superintendent, Public Schools, Saskatoon,—"Classes for Backward Children and Precocious Children."

Dr. J. D. Denny, Superintendent, Public Schools, Regina,—"Observations as to Need for Special Classes."

Dr. J. S. Huff, Commissioner of Education,—"The Rural Problem to Educate the Backward Child."

L. B. Ring, Esq., Commissioner, Bureau of Child Protection,—"Mental Deficients under 10. How Dealt With."

Judge Ethel McLachlan, Judge of Juvenile Court,—"The Relation of the Backward Child to Juvenile Delinquency."

T. W. Johnson, Esq., Superintendent, Industrial School, Regina,—"Observations of Mentality among Pupils in Industrial School."

Col. A. H. D. Sharpe, Warden, Moosomin Jail,—"Observations on Mentality of Boys under my Charge."

S. R. D. Hewett, M.D., Superintendent, Regina General Hospital,—"Psychopathic Wards as Part of a General Hospital."

The opening of the psychopathic wards in the Regina General Hospital in December 1930, would appear to have been well justified inasmuch as the main effect is reflected in the number of admissions of mentally diseased cases at the Weyburn Mental Hospital. The following figures indicate that in 1931, (the first year of operation of the psychopathic wards) the first decrease in admissions of mentally diseased for the past five years is shown at the Weyburn Mental Hospital:—

Admissions of Mentally Diseased to Weyburn Mental Hospital

	Admissions	Average per month	Yearly increase	Yearly decrease
Calendar year 1927	181	15.1	.....	—
Calendar year 1928	223	18.5	42	—
Calendar year 1929	234	19.5	11	—
Calendar year 1930	258	21.5	24	—
Calendar year 1931	232	19.3	.....	26

With a year of general depression, such as was experienced in Saskatchewan in 1931, and a condition which has affected this southern part for three years past, one would expect to find an increase in the number of admissions at Weyburn, rather than a decrease of 26. It is reasonable to assume that the great contributing factor in this decrease was the operation of the psychopathic wards.

Further, the very unfavorable economic conditions might be expected to reflect adversely in morbidity and in mortality rates but fortunately the general health of the people of the province has been well maintained and no serious outbreak of disease occurred.

Of the major communicable diseases in 1931, we find there were 306 cases of diphtheria reported—which is only 6 more than in 1930; 63.7% of the cases were in children under 15 years of age; scarlet fever cases were fewer by 140 cases; 568 cases of smallpox were reported, which is 193 more than in 1930 (373 of these cases occurred in Moose Jaw); 88 cases of typhoid fever were reported in 1931 as compared with 98 in 1930. Typhoid fever is taken as the sanitary index of a district. Six cases of infantile paralysis were reported in 1931 as compared with 70 in 1930. The one case of anthrax in 1931 was directly traced

to an infected shaving brush brought in from another province. The whole shipment of these brushes was destroyed.

As to the incidence of the common communicable diseases, the ratio per 1000 population appears as follows:—Cities 34.3, Towns 15.3, Villages 7.7, Rural Municipalities 4.5. In other words the communicable disease incidence in cities was over twice as high as that in towns. The town incidence was twice as high as that in villages, and the village incidence was almost twice that in the rural municipalities.

Due largely to the excessive dust and high winds in the summer, many cases of sore eyes developed, and in those districts where trachoma had formerly existed this disease was lighted up to a greater extent than usual. This necessitated assigning three of our public health nurses for trachoma work exclusively in the fall. A report of this is found in the Public Health Nursing report.

In connection with the measures undertaken for the diagnosis and treatment of cancer, two consultative diagnostic clinics were opened, one at Regina General Hospital, December 21, 1931, and the other at Saskatoon General Hospital, January 4, 1932.

It was found necessary in the fall to curtail expenditures with the result that, in common with other departments, our outside staff, that is sanitary officers and public health nurses, were required to take four months leave of absence without pay after October 1931, and during the fiscal year 1931-32. The leave was so arranged that a skeleton outside staff was maintained and therefore some of the four months leave was taken during 1932.

Realizing the difficulties many of the physicians, dentists and hospitals were having in trying to finance, the Government arranged through the Relief Commission for assistance for those doctors and dentists in "A", "B", and "C" relief areas, and also for the hospitals caring for patients from any of these areas, for a period of five months commencing November 16, 1931. The Commission announced that they would consider the matter of grants to local physicians not as a bonus or honorarium, but rather as a state contribution towards reducing the monthly overhead charges of such physicians, such as transportation costs, rent, emergency medicines, etc., the maximum grant to any physician in drought area "A" (85 R.M.'s and 8 L.I.D.'s) to be seventy-five dollars per month for a period of five months, and the maximum grant to any physician in drought area "B" (72 R.M.'s and 7 L.I.D.'s) and "C" area (59 R.M.'s and 20 L.I.D.'s) to be forty dollars per month for a period of five months. This grant did not apply to doctors in the larger cities. There were some 100 doctors in "A", 91 in "B" and 70 in "C" area who were affected, but all of course did not apply for the grant.

With respect to the dentists, a maximum of twenty-five dollars per month for a period of five months as from November 16, 1931, was made available for the dentists in towns and villages in "A" area and fifteen dollars per month was made available for the dentists in towns and villages in "B" and "C" areas. The grant was intended for the purpose of purchasing dental supplies to be used as designated in indigent relief cases, and was intended especially to care for school children.

With respect to government-aided hospitals, for all patients who came from "A" area, the Relief Commission arranged to pay to the hospital concerned a grant of fifty cents per patient per day, for a period of five months as from November 16, 1931. This grant was in addition to the regular provincial government grant of the same amount which was continued. For all patients from drought areas "B" and "C" the Commission arranged to pay a grant of twenty-five cents per day under similar conditions to those in drought area "A".

In spite of the necessity for general retrenchment in government services, at least temporarily, the importance of health was ever borne in mind and no service which was considered essentially a public health activity was unduly curtailed. Of the government services which can be reduced and curtailed, there is probably no other branch of the service which can ill afford to curtail as the public health services. Usually in time of depression there is even greater need for public health work and expenditure than under ordinary circumstances, and it is the common experience of governments that the appropriation for health work has to be augmented during such period.

As an appendix to this report, a brief report of the Canadian Public Health Association convention, which association held its twentieth annual meeting in Regina on June 17, 18 and 19, will be found. Hon. F. D. Munroe, M.D., C.M., was honorary president and Dr. F. C. Middleton was president of the association for this meeting.

EXPENDITURES FOR FISCAL YEARS 1930-31 AND 1931-32.

Vote		Spent 1930-31	Spent 1931-32	+Increase or —Decrease
1 and 2	Administration	$ 18,633.26	$ 15,130.23	—$ 3,503.03
	General Services as follows:			
3	Public Health Nursing, Sanitation and Disease Prevention	110,091.89	81,575.86	— 28,516.03
4	Venereal Disease Treatments:			
	Province	22,479.02	18,738.27	— 3,740.75
	Dominion	8,372.80	8,372.80	
5	Vital Statistics Compilation	37,879.74	34,460.42	— 3,419.32
6	Aid to Hospitals and Sanitoria	634,395.50	618,990.00	— 15,405.50
7	Laboratory	20,403.32	17,963.09	— 2,440.23
8	Free distribution of Antitoxin, Vaccines and other Biological Products	16,039.50	14,381.25	— 1,658.25
9	Grant to Saskatchewan Hospital Association	250.00	100.00	— 150.00
	Saskatchewan Health Officials	150.00	100.00	— 50.00
	Saskatchewan Medical Assoc.		100.00	+ 100.00
	Salvation Army Home	2,400.00	2,400.00	
10	Expenditure for Relief of Destitutes	24,370.58	17,664.68	— 6,705.90
11	Maternity Grants	64,116.00	45,719.00	— 18,397.00
12	Public Health Units	8,866.72	7,408.15	— 1,458.57
13	Psychopathic	19,315.40	10,006.71	— 9,308.69
14	Mental Hospitals	270,196.74	277,953.66	+ 7,756.92
15	Cancer Services	4,416.50	11,379.33	+ 6,962.83
		$1,254,004.17	$1,174,070.65	—$79,933.52

Total expenditures do not include Dominion grants for Venereal Disease Treatments.

The per capita expenditure for public health activities, controllable and uncontrollable, based on a population of 882,000 in 1930-31 and 921,785 in 1931-32, was as follows:

Vote		Spent 1930-31	Spent 1931-32
1 and 2	Administration	2.1 cents	1.6 cents
	General Services:		
3	Public Health Nursing, Sanitation and Disease Prevention	12.5 cents	8.8 cents
4	Venereal Disease Treatments:		
	Province	2.5 cents	2.0 cents
	Dominion	(0.9 cents)	(0.9 cents)
5	Vital Statistics Compilation	4.2 cents	3.7 cents
6	Aid to Hospitals and Sanatoria	71.9 cents	67.2 cents
7	Laboratory	2.3 cents	1.9 cents
8	Free distribution or Antitoxin Vaccines and other Biological Products	1.8 cents	1.6 cents
9	Grant to:		
	Sask. Hospital Association	0.03 cents	0.01 cents
	Sask. Health Officials	0.02 cents	0.01 cents
	Sask. Medical Association		0.01 cents
	Salvation Army Home	0.2 cents	0.2 cents
10	Expenditure for Relief of destitutes	2.8 cents	1.9 cents
11	Maternity Grants	7.2 cents	4.9 cents
12	Public Health Units	1.0 cents	0.8 cents
13	Psychopathic	2.1 cents	1.1 cents
14	Mental Hospitals	30.6 cents	30.2 cents
15	Cancer Services	0.5 cents	1.2 cents
		$1.42 or including Dominion Grant $1.43	$1.27 or including Dominion Grant $1.28

Report of the Division of Communicable Disease

January 12, 1932.

F. C. Middleton, M.D., D.P.H.
Deputy Minister.

I hereafter report upon the work of this Division for the calendar year 1931. The tables included herein are as follows:—

Table	I	—	The fluctuation of Morbidity and Mortality during 1930-1931, also showing the population and fatality rates.
Table	II	—	Summary of distribution of some Common Communicable Diseases.
Table	III	—	Some Common Communicable Diseases in Cities — showing rates.
Table	IV	—	Monthly distribution of Morbidity.
Table	V	—	Diphtheria — Distribution — Age and Sex groups.
Table	VI	—	Measles — Distribution — Age and Sex groups.
Table	VII	—	Scarlet fever — Distribution — Age and Sex groups.
Table	VIII	—	Whooping cough — Distribution — Age and Sex groups.
Table	IX	—	Detailed distribution of Communicable Disease Morbidity.
Table	X	—	Vaccines and Sera — Issues and Costs
Table	XI	—	Diphtheria antitoxin — Monthly issues and costs.
Table	XII	—	Diphtheria toxoid — Monthly issues and costs.
Table	XIII	—	Scarlet fever vaccines and sera — Monthly issues and costs.
Table	XIV	—	Vaccines and Sera issues — quinquennial.
Table	XV	—	Vaccines and Sera costs — quinquennial.

Routine

Letters received	1,555
Memoranda received	41
Telegrams received	35
Sundry vaccines and sera memoranda, etc.,	250
Letters despatched	1,841
Memoranda despatched	172
Telegrams despatched	10
Parcels of vaccines and sera despatched	1,370
Bulletins, literature etc. despatched	8,699
Undertaker's licenses issued	160
Disinterment permits issued	66

R. O. Davidson, M.D.
Director.

TABLE I.—MORBIDITY AND MORTALITY. FLUCTUATION. POPULATION RATES. 1930 AND 1931.

Disease	Cases		Deaths		Fatality Percentage			Rate per 100,000 Population					
								Morbidity			Mortality		
	1930	1931	1930	1931	1930	1931	Increase or Decrease	1930	1931	Increase or Decrease	1930	1931	Increase or Decrease
Chickenpox	1,575	1,265	.....	1	....	0.08	Increase	178.6	137.3	Decrease	....	0.1	Increase
Diphtheria	300	306	69	39	23.0	12.7	Decrease	34.0	33.2	Decrease	7.9	4.2	Decrease
Measles	1,249	3,294	18	17	1.44	0.52	Decrease	141.6	357.5	Increase	2.0	1.9	Decrease
Mumps	427	895	2	....	0.5	....	Decrease	48.4	97.1	Increase	0.2	....	Decrease
Scarlet fever	683	543	10	15	1.46	2.76	Increase	77.4	58.9	Decrease	1.1	1.6	Increase
Smallpox	375	568	....	.....	....	....	.....	42.5	61.6	Increase	....	....	.....
Typhoid and paratyphoid fever	98	88	29	25	29.6	28.4	Decrease	11.1	9.5	Decrease	3.3	2.7	Decrease
Whooping cough	689	502	54	54	7.84	10.76	Increase	78.1	54.5	Decrease	6.1	5.9	Decrease
Trachoma	2	1,133	....	....							....	....	.....
Tuberculosis	179	261	407	326							46.1	35.4	Decrease
Cerebro-spinal meningitis	9	11	25	11							2.8	1.2	Decrease
Erysipelas	28	26	18	17							2.0	1.8	Decrease
Pneumonia and Bronchopneumonia	28	39	440	417							49.9	45.3	Decrease
Infantile paralysis	70	6	21	11							2.4	1.2	Decrease
Anthrax	....	1	....	....							....	....	.....
Bacillary dysentery	25	80	28	19							3.2	2.1	Decrease
Encephalitis lethargica	2	1	5	5							0.6	0.5	Decrease
German measles	111	80	....	.....							....	....	.....
Influenza	13	299	158	251							17.9	27.2	Increase
Puerperal septicaemia	....	1	43	20							4.9	2.2	Decrease
Undulant fever	1	....	....	....							....	....	.....
Leprosy	1	....	....	....							....	....	.....
Diphtheria carrier	64	10	....	....							....	....	.....
Sore throat—epidemic	26	.....	....	....							....	....	.....
Impetigo contagiosa	47	58	....	....							....	....	.....
Scabies	121	101	....	....							....	....	.....
Conjunctivitis	22	15	....	....							....	....	.....
Vincent's angina	....	1	....	....							....	....	.....
Trench mouth	1	....	....	....							....	....	.....
Tetanus	....	....	3	....							0.3	....	Decrease
Actinomycosis	....	....	....	3							....	0.3	Increase
Totals	6,146	9,584	1,330	1,231									

Increase in Morbidity 56.0%

Decrease in Mortality 7.44%

Provincial population recorded by Dominion Census 1931 921,281

TABLE II.—SUMMARY OF DISTRIBUTION OF SOME COMMON COMMUNICABLE DISEASES. RATES PER 1000 POPULATION, 1931.

	Chickenpox	Rate	Diphtheria	Rate	Measles	Rate	Scarlet fever	Rate	Smallpox	Rate	Typhoid fever	Rate	Whooping cough	Rate	Others	Rate	Total	Rate
Cities	706	4.75	176	1.19	2,280	15.37	254	1.71	407	2.74	40	0.27	269	1.81	961	1.19	5,093	34.32
Towns	139	2.15	5	0.08	588	9.10	37	0.57	8	0.12	12	0.19	5	0.08	200	3.09	994	15.39
Villages	123	1.61	5	0.07	141	1.84	51	0.66	43	0.56	9	0.12	49	0.64	172	2.25	593	7.75
Rural Municipalities	297	0.47	120	0.19	285	0.45	201	0.32	110	0.17	27	0.04	179	0.28	1,685	2.67	2,904	4.59
Totals	1,265	1.37	306	0.33	3,294	3.58	543	0.59	568	0.62	88	0.09	502	0.54	3,018	3.28	9,584	10.40

TABLE III.—MORBIDITY FROM SOME COMMON COMMUNICABLE DISEASES IN CITIES. RATES PER 1000 POPULATION. 1931.

	Chickenpox	Rate	Diphtheria	Rate	Measles	Rate	Mumps	Rate	Scarlet fever	Rate	Smallpox	Rate	Typhoid fever	Rate	Whooping cough	Rate	Others	Rate	Total	Rate
Moose Jaw	104	4.9	5	0.2	653	30.7	6	0.2	10	0.5	373	17.5	8	0.4	...	....	88	4.1	1,247	58.7
N. Battleford	1	0.2	38	6.3	8	1.3	1	0.2	...	....	...	....	...	....	6	1.0	7	1.2	61	10.1
Prince Albert	16	1.6	6	0.6	12	1.2	3	0.3	3	0.3	...	....	19	1.9	9	0.9	11	1.1	79	7.9
Regina	451	8.5	24	0.5	1,599	30.2	26	0.5	117	2.2	30	0.6	9	0.2	163	3.1	89	1.7	2,508	47.5
Saskatoon	129	3.0	97	2.3	7	0.2	649	15.1	123	3.0	4	0.1	4	0.1	91	2.1	65	1.5	1,169	27.2
Swift Current	2	0.4	6	1.1	1	0.2	1	0.2	1	0.2	...	....	...	....	...	....	1	0.2	12	2.3
Yorkton	3	0.6	...	....	....	....	2	0.4	...	....	...	....	...	....	...	....	12	2.4	17	3.4
Weyburn	No current reports					....	...	....	...	....	...	....	...	....	...	....	...	....	....	....
Totals	706	4.75	176	1.19	2,280	15.37	688	4.64	254	1.71	407	2.74	40	0.27	269	1.81	961	1.19	5,093	34.32

TABLE IV.—MONTHLY DISTRIBUTION OF COMMUNICABLE DISEASE MORBIDITY. 1931.

Disease	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Chickenpox	137	112	179	86	133	102	46	24	15	135	180	116	1,265
Diphtheria	6	24	42	22	10	3	11	10	25	78	23	52	306
Measles	240	644	772	329	364	107	177	96	36	190	134	205	3,294
Mumps	20	34	80	18	281	10	132	62	67	41	87	63	895
Scarlet fever	51	89	78	42	101	39	24	16	31	22	24	26	543
Smallpox	18	73	81	69	49	76	56	31	23	17	36	39	568
Trachoma	...	...	7	...	2	...	1	...	...	9	60	1,054	1,133
Tuberculosis	12	20	15	9	24	9	12	12	15	109	12	12	261
Typhoid fever	1	3	7	3	3	...	8	6	32	16	5	4	88
Whooping cough	25	23	30	31	90	19	24	92	53	54	36	25	502
Cerebro-spinal meningitis	1	1	...	...	3	1	...	...	1	1	2	1	11
Erysipelas	...	...	2	5	4	2	2	2	...	4	...	5	26
Pneumonia	...	...	2	8	11	...	...	1	3	1	3	10	39
Infantile paralysis	...	...	1	...	...	...	...	1	2	1	...	1	6
Anthrax	...	...	...	...	...	...	...	...	...	...	...	1	1
Bacillary dysentery	...	...	...	...	...	...	...	58	22	...	...	...	80
Encephalitis lethargica	...	...	...	...	...	...	...	1	...	...	...	...	1
German measles	7	20	35	7	3	4	1	1	...	1	...	1	80
Influenza	...	...	150	119	13	...	...	17	...	...	...	...	299
Puerperal septicaemia	...	...	...	...	1	...	...	...	...	...	...	...	1
Diphtheria carrier	...	1	3	2	...	...	1	1	...	...	...	2	10
Impetigo contagiosa	...	1	15	1	7	1	...	9	8	4	8	4	58
Scabies	1	2	61	12	13	...	...	3	...	1	6	2	101
Conjunctivitis—acute infectious	...	...	...	10	5	...	...	...	...	...	...	...	15
Vincent's angina	...	...	...	...	...	...	...	...	...	1	...	...	1
Totals	519	1,047	1,560	773	1,117	373	495	443	333	683	616	1,623	9,584

TABLE V. DIPHTHERIA MORBIDITY. DISTRIBUTION BY AGE AND SEX GROUPS. 1931.

Age Group	Cities			Towns			Villages			Rural Municipalities			Age-Sex Group Totals			Aggregate
	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year	..	..	..	..	..	..	..	..	..	1	2	..	1	2	..	3
1 year and under 6 years	9	7	..	3	..	..	..	1	..	14	18	..	26	26	..	52
6 years and under 10 years	30	26	..	..	1	..	..	..	..	19	14	..	49	41	..	90
10 years and under 15 years	18	15	..	1	..	..	1	..	..	6	9	..	26	24	..	50
15 years and under 20 years	2	12	..	..	..	..	..	1	..	2	7	..	4	20	..	24
20 years and over	7	8	..	..	..	..	..	1	..	11	16	..	18	25	..	43
Age not stated	.	6	36	..	..	..	..	..	1	..	1	..	..	7	37	44
Sex group totals	66	74	36	4	1	..	1	3	1	53	67	..	124	145	37	
Distribution		176			5			5			120			306		

Summary:—Pre-school age group (under 6 years)..... 55 or 18.0%
School age group (6 to 15 years)..... 140 or 45.7%

TABLE VI. MEASLES MORBIDITY. DISTRIBUTION BY AGE AND SEX GROUPS. 1931.

Age Group	Cities			Towns			Villages			Rural Municipalities			Age-Sex Group Totals			Aggregate
	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year	35	32	..	2	5	..	2	4	..	..	3	..	39	44	..	83
1 year and under 6 years	448	447	..	76	65	..	17	17	..	32	17	..	573	546	..	1,119
6 years and under 10 years	455	452	..	118	84	..	26	27	..	47	48	..	646	611	..	1,257
10 years and under 15 years	106	125	..	47	52	..	16	18	..	43	55	..	212	250	..	462
15 years and under 20 years	25	53	..	4	7	..	3	3	..	8	4	..	40	67	..	107
20 years and over	15	37	..	6	4	..	2	2	..	4	6	..	27	49	..	76
Age not stated	..	..	50	..	..	118	..	..	4	1	..	17	1	..	189	190
Sex group totals	1,084	1,146	50	253	217	118	66	71	4	135	133	17	1,538	1,567	189	
Distribution		2,280			588			141			285			3,294		

Summary:—Pre-school age (under 6 years)..... 1,202 or 36.5%
School age (6 to 15 years)..... 1,719 or 52.2%

TABLE VII. SCARLET FEVER MORBIDITY. DISTRIBUTION BY AGE AND SEX GROUPS. 1931

Age Group	Cities			Towns			Villages			Rural Municipalities			Age-Sex Group Totals			Aggregate
	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year	1	1	..	..	..	..	..	..	..	2	..	..	3	1	..	4
1 year and under 6 years	29	14	..	5	3	..	4	7	..	18	22	..	56	46	..	102
6 years and under 10 years	46	33	1	7	5	..	6	12	..	25	26	4	84	76	5	165
10 years and under 15 years	18	30	..	6	2	..	3	2	..	21	16	2	48	50	2	100
15 years and under 20 years	14	17	..	1	1	..	2	..	..	13	8	..	30	26	..	56
20 years and over	27	22	..	1	2	..	..	1	..	4	7	..	32	32	..	64
Age not stated	1	..	..	3	..	1	..	..	14	8	13	12	12	13	27	52
Sex group totals	136	117	1	23	13	1	15	22	14	91	92	18	265	244	34	
Distribution	254			37			51			201			543			

Summary:—Pre-school age (under 6 years)..... 106 or 19.5%
School age (6 years to 15 years)..... 265 or 48.8%

TABLE VIII. WHOOPING COUGH MORBIDITY. DISTRIBUTION BY AGE AND SEX GROUPS. 1931.

Age Group	Cities			Towns			Villages			Rural Municipalities			Age-Sex Group Totals			Aggregate
	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year	8	17	..	..	..	..	1	1	..	8	4	..	17	22	..	39
1 year and under 6 years	70	83	..	2	2	..	16	10	..	41	51	..	129	146	..	275
6 years and under 10 years	37	35	..	..	..	..	5	10	..	18	22	..	60	67	..	127
10 years and under 15 years	6	4	..	..	1	..	4	..	..	7	5	..	17	10	..	27
15 years and under 20 years	1	1	..	..	..	..	..	..	..	1	1	..	2	2	..	4
20 years and over	..	1	..	..	..	..	..	..	..	4	4	..	4	5	..	9
Age not stated	..	..	6	..	..	..	..	..	2	3	2	8	3	2	16	21
Sex group totals	122	141	6	2	3	..	26	21	2	82	89	8	232	254	16	
Distribution	269			5			49			179			502			

Summary:—Pre-school age (under 6 years)..... 314 or 63.7%
School age (6 to 15 years)..... 154 or 30.7%

TABLE IX. DETAILED DISTRIBUTION OF MORBIDITY. 1931.

CHICKENPOX — Total cases 1,265.

Cities—706. Moose Jaw 104. North Battleford 1. Prince Albert 16. Regina 451. Saskatoon 129. Swift Current 2. Yorkton 3.

Towns—139. Canora 9. Davidson 2. Estevan 3. Foam Lake 2. Humboldt 2. Indian Head 5. Leader 4. Lloydminster 4. Maple Creek 42. Melville 22. Moosomin 11. Morse 11. Nokomis 1. Outlook 14. Qu'Appelle 3. Sutherland 3. Wapella 1.

Villages—123. Admiral 4. Blaine Lake 1. Chaplin 22. Colgate 2. Creelman 1. Dundurn 1. Elrose 7. Fort San 3. Girvin 4. Kyle 1. LaFleche 2. Loverna 11. Lucky Lake 3. Macoun 19. Quill Lake 1. Scotsguard 2. Semans 7. Smiley 6. Southey 3. Spy Hill 7. Sturgis 1. Summerberry 11. Tessier 1. Tompkins 1. Waldheim 2.

Rural Municipalities—297. R.M. No. 32, 5; 37, 2; 39, 5; 44, 1; 45, 3; 65, 1; 66, 1; 67, 2; 72, 40; 73, 14; 74, 2; 75, 4; 103, 10; 105, 2; 106, 8; 110, 6; 125, 15; 130, 1; 134, 3; 135, 7; 152, 21; 157, 2; 164, 1; 168, 1; 181, 3; 189, 10; 195, 1; 216, 3; 248, 7; 253, 4; 255, 5; 274, 11; 275, 3; 280, 5; 285, 3; 291, 10; 292, 5; 321, 2; 322, 28; 334, 13; 345, 1; 346, 1; 348, 1; 364, 1; 379, 2; 398, 5; 411, 2; 434, 2; 438, 10; 440, 2.

DIPHTHERIA — Total cases 306.

Cities—176. Moose Jaw 5. North Battleford 38. Prince Albert 6. Regina 24. Saskatoon 97. Swift Current 6.

Towns—5. Canora 2. Grenfell 1. Melville 1. Outlook 1.

Villages—5. Dubuc 1. Fort Qu'Appelle 2. Ituna 1. Tuxford 1.

Rural Municipalities—120. R.M. No. 4, 1; 43, 1; 67, 2; 77, 1; 96, 1; 104, 1; 105, 2; 107, 1; 122, 3; 123, 1; 160, 1; 168, 1; 169, 2; 185, 2; 215, 1; 216, 1; 218, 1; 224, 2; 231, 1; 245, 7; 246, 6; 247, 2; 257, 1; 273, 7; 275, 1; 304, 1; 305, 5; 374, 32; 375, 3; 380, 3; 381, 2; 426, 2; 442, 3; 464, 14; 502, 2; 588, 3.

MEASLES — Total cases 3,294.

Cities—2,280. Moose Jaw 653. North Battleford 8. Prince Albert 12. Regina, 1,599. Saskatoon 7. Swift Current 1.

Towns—588. Canora 94. Estevan 101. Gravelbourg 1. Grenfell 11. Humboldt 214. Indian Head 3. Kindersley 1. Maple Creek 88. Moosomin 4. Qu'Appelle 20. Watson 30. Wolseley 21.

Villages—141. Aylesbury 3. Beechy 1. Buchanan 3. Fort Qu'Appelle 5. Fort San 18. Glenavon 3. Macoun 3. Manor 1. Pangman 18. Pense 3. Rama 47. Regina Beach 1. Rockglen 3. Summerberry 1. Tessier 3. Tompkins 2. Torquay 5. Tuxford 21.

Rural Municipalities—285. R.M. No. 1, 1; 6, 1; 12, 11; 13, 1; 34, 4; 39, 4; 43, 1; 63, 1; 65, 1; 66, 3; 67, 17; 69, 10; 73, 2; 80, 1; 104, 1; 111, 8; 122, 1; 152, 2; 155, 3; 157, 59; 160, 13; 187, 5; 189, 13; 214, 2; 218, 3; 221, 1; 222, 19; 245, 11; 274, 24; 304, 1; 305, 59; 322, 1; 367, 1.

MUMPS: — Total cases 895.

Cities—688. Moose Jaw 6. North Battleford 1. Prince Albert 3. Regina 26. Saskatoon 649. Swift Current 1. Yorkton 2.

Towns—55. Craik 2. Gravelbourg 1. Lumsden 2. Maple Creek 1. Melfort 12. Melville 1. Moosomin 3. Shaunavon 24. Sintaluta 4. Wapella 4. Watrous 1.

Villages—54. Calder 9. Dundurn 11. Girvin 1. Lake Lenore 13. Langenburg 20.

Rural Municipalities—98. R.M. No. 6, 1; 77, 1; 110, 12; 111, 3; 122, 1; 141, 6; 152, 22; 181, 15; 189, 4; 211, 10; 214, 2; 221, 4; 228, 1; 333, 8; 374, 1; 378, 1; 411, 1; 434, 5.

SCARLET FEVER — Total cases 543.

Cities—254. Moose Jaw 10. Prince Albert 3. Regina 117. Saskatoon 123. Swift Current 1.

Towns—37. Cabri 1. Delisle 4. Fleming 3. Gull Lake 2. Indian Head 1. Melfort 2. Melville 18; Moosomin 5. Sutherland 1.

Villages—51. Admiral 1. Blaine Lake 11. Elbow 6. Elstow 2. Hudson Bay Junction 1. Kelliher 4. LaFleche 1. Lestock 4. Liberty 1. Montmartre 2. Odessa 4. Pennant 2. Ruthilda 3. Tompkins 8. Waldheim 1.

Rural Municipalities—201. R.M. No. 12, 1; 34, 1; 39, 3; 43, 1; 44, 9; 63, 1; 67, 2; 68, 4; 73, 2; 74, 5; 75, 3; 103, 1; 104, 3; 107, 2; 108, 2; 121, 1; 135, 1; 141, 5; 154, 1; 214, 3; 218, 1; 219, 1; 224, 13; 231, 6; 246, 3; 247, 6;

249, 3; 253, 8; 260, 7; 275, 1; 290, 2; 292, 4; 307, 6; 315, 6; 343, 5; 345, 14; 348, 4; 349, 2; 368, 1; 398, 6; 399, 4; 400, 8; 403, 25; 411, 2; 434, 4; 440, 2; 458, 3; 464, 1; 487, 2.

SMALLPOX — Total cases 568.

Cities—407. Moose Jaw 373. Regina 30. Saskatoon 4.

Towns—8. Davidson 1. Humboldt 5. Watrous 2.

Villages—43. Bromhead 5. Elbow 13. Fort San 1. Gilroy 1. Manitou Beach 2. Meyronne 10. Viscount 11.

Rural Municipalities—110. R.M. No. 7, 2; 9, 1; 13, 4; 37, 1; 39, 4; 43, 19; 72, 23; 73, 7; 76, 1; 97, 3; 105, 6; 108, 1; 130, 1; 160, 3; 168, 1; 189, 1; 224, 14; 259, 1; 260, 10; 306, 1; 334, 3; 341, 1; 375, 2.

TRACHOMA — Total cases 1,133.

Cities—Nil.

Towns—63. Broadview 2. Canora 61.

Villages—8. Abbey 1. Lebret 4. Lestock 2. Lipton 1.

Rural Municipalities—1,062. R.M. No. 70, 259; 71, 14; 100, 108; 107, 12; 135, 2; 136, 166; 137, 165; 216, 1; 244, 1; 334, 1; 373, 31; 374, 187; 375, 3; 403, 73; 404, 37; 405, 2.

TUBERCULOSIS — Total cases 261.

Cities—226. Moose Jaw 86. Regina 81. Saskatoon 58. Swift Current 1.

Towns—13. Broadview 1. Canora 6. Carlyle 1. Grenfell 1. Humboldt 1. Kamsack 1. Watson 2.

Villages—12. Aylesbury 1. Balcarres 1. Ceylon 1. Creelman 1. Fort San 2. Lipton 1. McTaggart 1. Odessa 1. Prelate 1. Windthorst 1. Midale 1.

Rural Municipalities—10. R.M. No. 43, 1; 48, 1; 63, 1; 159, 1; 231, 2; 307, 1; 368, 1; 376, 1; 411, 1.

TYPHOID FEVER — Total cases 88.

Cities—40. Moose Jaw 8. Prince Albert 19. Regina 9. Saskatoon 4.

Towns 12. Eastend 3. Gravelbourg 1. Grenfell 2. Gull Lake 1. Humboldt 1. Watrous 3. Watson 1.

Villages—9. Beechy 2. Bengough 2. Hawarden 1. Holdfast 1. Nipawin 1. Prelate 1. Shellbrook 1.

Rural Municipalities—27. R.M. No. 12, 1; 73, 1; 79, 1; 104, 2; 105, 2; 154, 1; 186, 4; 216, 1; 224, 1; 246, 1; 247, 1; 343, 1; 366, 1; 396, 3; 457, 3; 463, 1; 588, 2.

WHOOPING COUGH — Total cases 502.

Cities—269. North Battleford 6. Prince Albert 9. Regina 163. Saskatoon 91.

Towns—5. Maple Creek 1. Moosomin 4.

Villages—49. Bienfait 11. Craven 1. Elbow 3. Hague 4. Leask 10. Limerick 4. Punnichy 4. Raymore 4. Semans 4. Southey 2. Springwater 1. Tessier 1.

Rural Municipalities—179. R.M. No. 4, 3; 44, 7; 66, 5; 67, 4; 73, 67; 103, 3; 134, 18; 152, 19; 157, 5; 181, 6; 189, 1; 218, 1; 248, 4; 249, 6; 348, 21; 408, 5; 438, 4.

CEREBRO-SPINAL MENINGITIS — Total cases 11.

Cities—4. North Battleford 1. Prince Albert 3.

Towns—1. Cabri 1.

Villages—2. Kenaston 1. Odessa 1.

Rural Municipalities—4. R.M. 128, 1; 334, 1; 411, 1; 487, 1.

ERYSIPELAS — Total cases 26.

Cities—7. North Battleford 2. Prince Albert 4. Regina 1.

Towns—4. Canora 1. Gravelbourg 1. Kindersley 1. Wapella 1.

Villages—5. Admiral 1. Dubuc 1. Dundurn 1. Girvin 1. Regina Beach 1.

Rural Municipalities—10. R.M. No. 6, 1; 17, 1; 37, 2; 104, 1; 105, 1; 134, 1; 158, 1; 438, 2;

PNEUMONIA — Total cases 39.

Cities—Nil.

Towns—10. Canora 10.

Villages 11. Hawarden 1. Lebret 1. Marcelin 3. Rama 1. Rockglen 1. Strongfield 1. Sturgis 2. Tuxford 1.

Rural Municipalities—18. R.M. No. 13, 1; 32, 1; 65, 1; 186, 2; 216, 2; 334, 5; Ile a la Crosse 6.

INFANTILE PARALYSIS — Total cases 6.

Cities—Nil.
Towns—2. Eston 1. Maple Creek 1.
Villages—1. Alida 1.
Rural Municipalities—3. R.M. No. 17, 1; 217, 1; 438, 1.

ANTHRAX — Total cases 1.

Cities—1. Regina 1.

BACILLARY DYSENTERY — Total cases 80.

Towns—3. Watson 3.
Villages—6. Lebret 1. Lucky Lake 5.
Rural Municipalities—71. R.M. No. 186, 9; 216, 12; 221, 50.

ENCEPHALITIS LETHARGICA — Total cases 1.

Cities—1. Regina 1.

GERMAN MEASLES — Total cases 80.

Cities—13. Moose Jaw 2. Prince Albert 1. Regina 4. Saskatoon 6.
Towns—42. Lumsden 2. Moosomin 17. Qu'Appelle 4. Wapella 19.
Villages—1. Elstow 1.
Rural Municipalities—24. R.M. No. 74, 2; 75, 2; 122, 4; 123, 3; 189, 11; 247, 1; 252, 1.

EPIDEMIC INFLUENZA — Total cases 299.

Cities—Nil.
Towns—Nil.
Villages—49. Balcarres 3. Lebret 2. Macrorie 4. Marcelin 6. Spy Hill 34.
Rural Municipalities—250. R.M. No. 72, 150; 152, 79; 216, 2; 255, 5; 285, 8; Ile a la Crosse 6.

PUERPERAL FEVER — Total cases 1.

Rural Municipalities—1. R.M. No. 181, 1.

DIPHTHERIA CARRIER — Total cases 10.

Cities—9. North Battleford 4. Prince Albert 3. Regina 1. Saskatoon 1.
Rural Municipalities—1. R.M. No. 37, 1.

IMPETIGO CONTAGIOSA — Total cases 58.

Cities—Nil.
Towns—2. Maple Creek 1. Melfort 1.
Villages—16. Beechy 6. Chaplin 1. Goodwater 1. Macrorie 2. Quill Lake 1. Rama 5.
Rural Municipalities—40. R.M. No. 1, 7; 9, 1; 12, 1; 32, 1; 37, 3; 157, 2; 186, 4; 189, 1; 255, 3; 260, 2; 283, 8; 305, 1; 307, 2; 434, 1; Ile a la Crosse 3.

SCABIES — Total cases 101.

Cities—12. Yorkton 12.
Towns—5. Leader 2. Maple Creek 3.
Villages—7. Buchanan 3. Lake Lenore 1. Sturgis 3.
Rural Municipalities—77. R.M. No. 37, 1; 73, 3; 105, 8; 108, 1; 157, 1; 181, 3; 186, 1; 255, 6; 283, 1; 307, 2; 334, 3; 374, 45; 403, 1; Ile a la Crosse 1.

CONJUNCTIVITIS — Total cases 15.

Rural Municipalities—15. R.M. No. 13, 10; Ile a la Crosse 5.

VINCENT'S ANGINA — Total cases 1.

Rural Municipalities—1. R.M. No. 37, 1.

TABLE X. VACCINES AND SERA ISSUES AND COSTS. 1931.

Product	Quantity		Cost
Diphtheria antitoxin	units	47,106,000	$ 6,104.72
Diphtheria toxoid	persons	24,140	3,084.15
Diphtheria Schick test	persons	7,350	73.50
Smallpox vaccine	persons	34,410	1,548.45
Typhoid vaccine	persons	3,733	363.35
Anti-meningitis serum	c.c.	4,660	291.25
Tetanus antitoxin	units	964,000	289.20
Scarlet fever antitoxin	c.c.	10,806	1,694.70
Scarlet fever toxin	persons	3,316	747.20
Scarlet fever Dick test	persons	4,190	103.75
Anti-Anthrax serum	c.c.	150	5.25
Total cost			$14,305.82

TABLE XI. DIPHTHERIA ANTITOXIN—ISSUES AND COSTS BY MONTHS. 1930 AND 1931.

Month	1930		1931	
	Units issued	Cost	Units issued	Cost
January	8,538,000	$1,195.32	4,442,000	$ 621.88
February	4,136,000	579.04	4,067,000	569.38
March	3,750,000	525.00	7,600,000	1,072.00
April	4,646,000	650.44	2,305,000	322.70
May	3,401,000	476.14	4,021,000	486.14
June	4,660,000	652.40	2,198,000	267.32
July	2,569,000	359.66	1,685,000	235.90
August	5,366,000	751.24	2,344,000	282.96
September	3,640,000	509.60	3,583,000	433.62
October	5,467,000	765.38	6,744,000	814.56
November	3,367,000	471.38	3,370,000	405.40
December	6,110,000	855.40	4,747,000	592.86
Totals	55,650,000	$7,791.00	47,106,000	$6,104.72

TABLE XII. DIPHTHERIA TOXOID. ISSUES AND COSTS BY MONTHS. 1930 AND 1931.

Month	1930		1931	
	No. of persons	Cost	No. of persons	Cost
January	1,104	$125.85	1,778	$210.95
February	2,920	340.10	1,883	225.75
March	1,488	169.70	1,812	222.20
April	2,120	246.15	3,408	403.45
May	2,822	338.00	1,660	211.65
June	1,600	187.90	1,346	182.50
July	820	144.60	1,757	227.85
August	1,625	192.75	1,135	157.50
September	3,715	438.75	1,887	241.80
October	2,565	300.70	3,276	450.10
November	1,624	197.75	1,518	199.95
December	1,379	165.20	2,680	350.45
Totals	23,782	$2,847.45	24,140	$3,084.15

TABLE XIII.—SCARLET FEVER VACCINES AND SERA. MONTHLY ISSUES AND COSTS. 1931.

Month	Antitoxin		Toxin (Immunizing)		Dick test		Total cost
	No. of c.c.	Cost	No. of persons	Cost	No. of persons	Cost	
January	1,556	$245.20	485	$105.52	680	$17.00	$367.72
February	1,062	171.90	398	89.20	260	6.50	267.60
March	1,038	165.60	134	33.52	220	4.50	203.62
April	1,044	169.80	421	94.40	470	11.75	275.95
May	1,239	193.05	301	68.24	500	12.50	273.79
June	637	98.15	88	25.28	390	9.75	133.18
July	540	81.00	165	38.40	370	9.25	128.65
August	390	60.00	92	22.24	370	9.25	91.49
September	1,204	183.80	237	54.96	80	2.00	240.76
October	667	104.15	252	59.04	360	9.00	172.19
November	470	73.00	181	39.20	250	6.25	118.45
December	959	149.05	562	117.20	240	6.00	272.25
Totals	10,806	$1,694.70	3,316	$747.20	4,190	$103.75	$2,545.65

DIVISION OF COMMUNICABLE DISEASE

Statistical Reports. In addition to those figures contained in the table of routine, the division issued twelve internal monthly reports covering monthly activities, in addition to several supplementary reports on communicable disease during the year.

Fifty-two weekly reports were forwarded to the Dominion Department of Pensions and Health, and the same number were also forwarded to the Dominion Bureau of Statistics, all reports dealing with weekly incidence of disease. In addition 156 reports were forwarded to the Dominion Bureau of Statistics dealing with weekly incidence in the cities of Regina, Saskatoon and Moose Jaw (cities of 10,000 population and over). Fifty-two detailed weekly statements were also furnished departmentally, and 416 similar reports were supplied to Sanitary officers in the eight sanitary and health districts, thus keeping the latter in touch with the communicable disease situation in their respective districts.

Undertakers Licenses. The number of licenses issued during the year, amounting to 160, does not indicate the number of persons qualified to practice the business in the province. Later information received indicates that a further forty persons will require to take out licenses, and steps are being taken accordingly.

Disinterment Permits. No applications for permits to disinter bodies for removal to new graves were refused. The number granted this year, i.e. 66, falls much below the average for the five-year period ending in 1931. Permits were issued for the previous four years as follows: 1930, 80; 1929, 167; 1928, 97, and 1927, 87. The 1929 permits were mostly in respect of bodies of Chinese which were disinterred for removal to China, and such steps are taken by the Chinese periodically, when the time arrives to deal with a large number of bodies.

The demand for disinterment permits may be expected to gradually lessen year by year, as facilities for burial in cemeteries increase, in contrast to the condition obtaining 20 and more years ago, when burial on a farm was frequently carried out.

TABLE XIV.—VACCINES AND SERA ISSUES. QUINQUENNIAL.

Product		1927	1928	1929	1930	1931	Total
Diphtheria antitoxin	units	55,255,000	75,394,000	86,582,000	55,650,000	47,106,000	319,987,000
Diphtheria toxoid	persons	42,594	24,402	32,310	23,782	24,140	147,228
Diphtheria Schick test	persons	6,875	7,825	5,525	5,375	7,350	32,950
Smallpox vaccine	persons	70,880	57,790	55,040	51,085	34,410	269,205
Typhoid vaccine	persons	4,202	3,145	5,042	3,294	3,733	19,146
Anti-meningitis serum	c.c.	1,440	2,720	5,440	3,720	4,660	17,980
Tetanus antitoxin	units	416,000	750,500	549,500	1,169,000	964,000	3,849,000
Scarlet fever antitoxin	c.c.	18,419	20,001	21,234	13,564	10,806	84,024
Scarlet fever toxin	persons	6,716	8,057	7,020	4,068	3,316	29,177
Scarlet fever Dick test	persons	7,560	5,410	4,710	4,120	4,190	25,990

TABLE XV.—VACCINES AND SERA COSTS. QUINQUENNIAL.

Product	1927	1928	1929	1930	1931	Total
Diphtheria antitoxin	$6,829.70	$10,495.29	$12,120.58	$7,791.00	$6,104.72	$43,341.29
Diphtheria toxoid	5,779.90	2,791.75	3,676.65	2,847.45	3,084.15	18,179.90
Diphtheria Schick test	68.75	78.25	55.25	53.75	73.50	329.50
Smallpox vaccine	3,189.60	2,600.55	2,476.80	2,298.82	1,548.45	12,114.22
Typhoid vaccine	362.39	272.45	496.25	364.19	363.65	1,858.93
Scarlet fever antitoxin	2,912.05	3,259.05	3,367.80	2,140.75	1,694.70	13,374.35
Scarlet fever toxin	1,470.80	1,667.40	1,493.04	875.29	747.20	6,253.73
Scarlet fever Dick test	189.00	135.25	117.75	103.00	103.75	648.75
Others	229.80	398.55	551.10	581.20	585.70	2,346.35
Totals	$21,039.99	$21,698.54	$24,355.22	$17,055.45	$14,305.82	$98,447.02

Division of Sanitation

F. C. Middleton, M.D., D.P.H.
Deputy Minister.

The following is the report on the work of the Division of Sanitation for the calendar year ending December 31st, 1931:

Waterworks and Sewerage

During the year 1931, municipalities in Saskatchewan found difficulty in financing waterworks and sewerage undertakings on their own account, but the federal and provincial assistance which has been available consequent upon the economic situation has enabled many of the larger urban municipalities to construct new works and extend their distributing systems and thus provide much relief work for their unemployed.

Municipal Waterworks.

The Department of Public Health issued 34 certificates for the construction and extension of waterworks systems in the province during the year 1931 representing a total expenditure of $939,899.64 or an increase of $19,380.95 over the previous year. Eighty-five per cent of this expenditure was made by the cities of the province and the remainder by towns and villages.

The city of Regina has increased its water storage reserve by the construction of a 10,000,000 gallon reinforced concrete reservoir known as the Albert reservoir. This gives a total reserve supply now available for the city of 20,000,000 gallons. The Mound Springs area located north of the city will be developed during the present year and the work of connecting this additional underground source to the city's water supply system has already been commenced by the construction of a 20" reinforced concrete pipe line from Mound Springs to the Albert reservoir.

Regina's population as recorded in the 1931 census is now 53,034 and the city officials are of the opinion that the various underground sources contributing to the water supply are sufficient to meet the needs of Regina for some time to come.

The city of Moose Jaw does not find itself in such a favorable position regarding water supply and the lack of precipitation in the past three years has seriously affected the original sources of supply. The question of obtaining water from the South Saskatchewan river has been carefully canvassed during the year and consideration is also being given to the Darmody field which is situated about half way between the city and the Saskatchewan river. Officials of the Geological Survey of the Dominion Department of Mines have carried out extensive surveys of the underground sources of supply in the Darmody-Riverhurst area during the year.

The town of Watrous has secured an additional source of supply by the drilling of a new well and has completed the work of connecting up this well to the existing system by the laying of a cast iron pipe.

The towns of Herbert and Morse have installed waterworks systems principally with a view to providing the necessary fire protection. Provision has been made for connecting up any residences and buildings located on the water line with the result that many of the houses in these towns will now be able to avail themselves of plumbing fixtures and modern sanitary conveniences.

A number of the smaller municipalities have constructed wells during the year and officials of the Division of Sanitation have inspected 1,864 public and private water supplies. Written opinions have been given on the sanitary quality of 934 of these supplies based on the laboratory findings and upon a complete investigation of the sanitary environment of the sources of supply.

There are 33 municipal waterworks systems, all of which are municipally owned, operating in the province and inspections made of these have shown that they were being satisfactorily maintained and operated during the year. In 13 of the plants the water is disinfected by liquid chlorine. Eighty-nine per cent of the total quantity of water distributed by municipalities for domestic purposes is chlorinated.

A complete investigation was made at the request of the city council of the North Battleford waterworks system. Regular tests of the city water showed that the bacterial count in various parts of the distribution system was

excessive. The investigation indicated that the city mains required more constant flushing out and following a systematic flushing of the system the laboratory tests indicated a considerable reduction in bacteria.

In several of the municipalities which depend on impounding reservoirs for their source of supply the taste and odor of the water has been particularly noticeable owing to the lack of precipitation. The situation has been especially marked during the winter months when the reservoirs are frozen over and the towns of Melfort, Melville and Estevan are proposing to use activated carbor as a means of odor and taste control.

During the year 1932 it is expected that there will be the usual extensions to the distributing systems of the cities of Regina and Saskatoon. The town of Canora is developing its source of supply to meet the increased demand for water on the part of the Canadian National Railways.

The city of Moose Jaw will undoubtedly adopt some measure for additional water supply.

The town of Outlook will require to reconstruct its plant on the banks of the Saskatchewan river and to adopt chlorination of the supply and it is probable that the city of North Battleford and the town of Humboldt will also instal chlorinating plants during the coming year.

A list of certificates issued in connection with new municipal waterworks systems and extensions to existing systems is given in table No. 1.

Sewerage and Sewerage Disposal

There are fifteen municipal sewage disposal plants operating in the province, nine of which are designed to treat the sewage by the process of activated sludge.

A new activated sludge plant is at present under construction in the city of Weyburn. The old plant which consisted of two-storey tanks and oxidizing filter beds was found to be greatly overloaded owing to the large amount of sewage being discharged from the Mental Hospital, and the city, by adopting activated sludge as the means of treating the sewage in the new plant, has been able to move the location of the disposal works closer in and thus save several hundred feet of force main.

A sewerage system is under construction in the town of Assiniboia and this work has absorbed practically all the unemployed in the town. Plans are at present being prepared for a sewage disposal plant which will also be designed on the activated sludge system and the work on this plant will commence early in the spring of 1932.

The city of Saskatoon is being urged by the rural municipality of Cory, situated immediately down stream, to install a sewage disposal plant and the city council is considering ways and means of financing the construction of such a plant. As there will be a very large volume of water available for dilution even during the periods of the minimum flow of the river, oxidation of the sewage effluent will be provided by the river itself and the main object of the sewage disposal plant will be to remove from the sewage all objectionable material which is alleged at present to be fouling the river banks and to prevent the discharge of suspended material which is forming sludge banks and hindering the stabilization of the effluent.

Twenty-five certificates of approval were issued by the department during the year 1931 for the construction of new sewage disposal plants and the extension of existing sewerage systems representing a total expenditure of $560,294.13.

Although the majority of the activated sludge installations in the province treat comparatively small volumes of sewage it is interesting to find that very satisfactory results are being obtained. The department is seeking the co-operation of the various municipalities in keeping accurate records of the cost of operation and maintenance particularly in the matter of the cost of operating blowers and airlifts. Tabulated statements are submitted at regular intervals to the department from which the cost of treatment by activated sludge per thousand gallons is arrived at. As the records are not yet all uniform and in one or two cases recording devices to establish accurately the daily quantity of sewage treated have yet to be installed, the data obtained is not yet available for circulation but the recording of these costs is serving to stimulate interest amongst the operators of the various plants.

A list of certificates issued in connection with new sewerage and sewage disposal systems and extensions to existing systems is given in table No. 2.

URBAN AND RURAL SANITATION

The decentralization system of inspection in the province which came into effect on May 1, 1930, has now been in operation over 20 months and satisfactory work is being accomplished.

The system of scoring of towns and villages has been continued and each municipality has been notified of its health status as indicated by these scores together with the maximum and minimum score awarded to any municipality in the respective district for the previous year.

As a result of a number of enquiries which have been received from municipal councils requesting information as to how the sanitary status may be improved the department has prepared for the information of all boards of health a statement outlining the action which should be taken by communities to obtain a class "A" health status.

The average score awarded to any municipality for the year 1930 was 57.7 while the average for the year 1931 was 63.2 or an increase of 5.5 points. This increase, although slight, is encouraging and when times are again normal the yearly improvement will be more noticeable. The scores awarded are shown by districts in table No. 3.

The open weather of last winter made it possible for the sanitary officers to be in the field during the greater part of the winter season and more work was accomplished in the first four months of the year 1931 than in the corresponding period of any previous year.

The total number of inspections made by the eight sanitary officers during the year was 12,056 as compared with 8,759 for the previous year. The summary of these inspections is given in table No. 4. All towns, villages and the larger hamlets have been visited and follow up inspections made in most cases.

Rural Water Supplies.

The continued lack of precipitation has resulted in many wells going dry and new sources of water supply have had to be obtained. The sanitary officers have done much useful work in advising councils regarding new supplies and in the surface construction of wells to safeguard them from pollution. The majority of the municipalities in the province obtain their water from underground sources and it is remarkable that in spite of the absence of rainfall most of the wells are still giving a considerable yield.

Councils of small municipalities are beginning to appreciate the fact that it is their duty to operate and control the local water supply and in many cases they have taken over private wells and placed them under the direct supervision of the local Board of Health.

Milk Supplies.

Although circumstances during the past year have made it particularly difficult for the officials of the department to bring about the improvement desired in the premises of all dairymen supplying milk to the public, they have been successful in maintaining a high standard in the production and handling of milk and if there has been no conspicuous advance in the matter of improving conditions under which rural milk is supplied, there has certainly been little or no backward movement.

The form of bylaw prepared by the department for the licensing of vendors of milk and tuberculin testing of cows is still receiving the support of the urban municipalities and at the end of the year under review 193 of such bylaws had been passed and were operative in towns and villages.

The total number of inspections made of milk supplies during the year was 1,780.

Food Supplies.

Meat stores, bakeries and slaughter houses have been inspected and a total of 1,955 inspections have been made of these premises. Modern refrigration for the storing of meat has brought about a much more satisfactory condition of butcher shops. Special attention has been given during the year to slaughter house premises not only with regard to the construction of the building but to the method of disposal of offal and with the more frequent inspections which are now being made an improvement in the conditions under which animals are slaughtered has been noticeable.

All bakeries in the smaller urban centres have been visited and the provisions of the regulations governing bake shops which became operative earlier in the year have been brought to the attention of the owners and the necessary improve-

ments pointed out by the sanitary officers have in most cases been given effect to.

Disposal of Wastes.

As indicated in a previous report this is a subject which demands concentration of effort if improvements are to be brought about. The disposal of human wastes in urban centres which are not supplied with waterworks and sewerage systems has always been a difficult problem and the department is endeavoring to educate boards of health so that they may require a standard system of outhouse to be established in their community and will cause such arrangements to be made as will maintain the system at the highest standard of efficiency in the matter of disease prevention.

Sixty-seven towns and villages have now adopted a bylaw suggested by the department for the construction and maintenance of outside toilets.

The necessity for the collection and removal of household refuse at regular intervals has also been impressed upon local councils who have been asked to see that proper containers with close fitting covers are provided for all premises and to establish a system of municipal scavenging.

Twenty-seven boards of health have adopted a bylaw prepared by the department along these lines.

During the year, 949 inspections were made of waste disposal grounds by the district sanitary officers. When many of the townsites were originally established in the province the "nuisance ground" was located close to the main highways and railways. The department is gradually bringing about the relocation of these undesirable sites. Several municipalities have during the year made a special drive to completely change the appearance of the waste disposal ground from an unsightly accumulation to an orderly and well arranged area for the depositing of waste material and to bring this about have given work to many of the local unemployed. If the present progress continues along these lines the time will arrive within a few years when waste disposal grounds for small communities will cease to be unsightly and will convey to the observer an impression of well organized health effort in the municipality concerned.

Hotels, Boarding Houses and Restaurants.

The reinspection of hotels, boarding houses and restaurants has been continued throughout the year and a total of 2,097 inspections have been made of these premises. Of the 405 hotels in which sanitary conditions were inspected the following classification indicates the approximate standing: 18% were reported to be very good, 49% good, 30% fair, and 3% poor.

This classification shows an improvement over that of the year 1930. There have been very few complaints brought to the notice of the department during the year regarding the condition of places of public accommodation and where any report has been received from the travelling public as to unsatisfactory conditions the action taken has in each case been successful in bringing about the desired improvement.

Construction and Lumber Camps.

The number of these camps in operation during the year has of necessity decreased, but a total of 211 inspections were made of highway, railroad and lumber camps. Twenty-eight lumber camps in the northeast part of the province were inspected during the winter months and with one or two exceptions were found to be satisfactory. Each winter several letters arrive in the department, usually anonymous, complaining of living conditions in lumber camps, but inspections made by the sanitary officers have in most cases failed to find justification for the complaints made and show that on the whole the men are comfortably housed and well fed and that all necessary precautions are taken to prevent epidemic disease.

Summer Resorts, Tourist Camps and Fair Grounds.

The practice of making several inspections of all summer resorts during the first few weeks of the season was again followed. By circulating to the sanitary officers a complete list of all summer fairs in the province it was possible to have a representative of the department present on these days which are responsible for a concentration of population.

Tourist camps were also inspected and the new regulations governing these places were brought to the notice of the management. A total of 226 inspections were made during the year under this heading.

Public Buildings.

Officials of the department were again called upon to make many inspections of hospitals, schools and institutions particularly with regard to water supplies, drainage and ventilation of these buildings. A total of 253 of these inspections was made.

During the year a chlorinator was installed in connection with the water supply of the Mental Hospital at North Battleford. The department has been advocating this for a number of years and with the recent improvements which have been made to the sewage effluent from the city of North Battleford, the Mental Hospital water supply is now satisfactorily protected.

Plumbing Inspections.

Twenty-nine plumbing permits were issued by the department during the year, being a decrease of 39 over the preceding year. Fifty-nine inspections were made of plumbing work by the district sanitary officers and in several cases reconstruction of the work to comply with the regulations was found to be necessary.

Ice Permits.

Seventy-two ice permits were issued during the year and wherever necessary ice cutting fields were inspected. The Department of Natural Resources now requires a permit from all persons cutting ice in the province and arrangements are in hand whereby the two departments will co-operate in the matter of keeping each other informed as to the issuing of permits.

Cemetery Sites.

Plans of cemetery sites were approved by the department following the necessary information regarding the location of the cemetery in relation to water supplies and other sanitary features. These cemeteries are located at Middle Lake, Margo, Flaxcombe, Beacon Hill, Bagley, Sand Beach and Leoville.

Slaughter House Licenses.

Licenses issued to butchers	162
Licenses issued to beef rings	92
Total	254

Prosecutions.

The following convictions were obtained by the Royal Canadian Mounted Police under the provisions of The Public Health Act:

Jan.	13	Slaughtering in premises other than a licensed slaughter house.
March	27	Improper disposal of wastes.
March	27	Improper disposal of wastes.
March	27	Improper disposal of wastes.
March	27	Improper disposal of wastes.
March	27	Improper disposal of wastes.
March	27	Improper disposal of wastes.
March	28	Selling meat unfit for human consumption.
April	2	Improper disposal of wastes.
April	21	Selling meat unfit for human consumption.
April	25	Improper disposal of wastes.
May	25	Pollution of streams.
May	25	Pollution of streams.
May	25	Pollution of streams.
June	2	Slaughtering in premises other than licensed slaughter house.
July	6	Selling uninspected meat.
Aug.	8	Selling uninspected meat.
Oct.	26	Pollution of streams.

Special Investigations.

Towards the end of the year a request was made by the Royal Commission appointed to inquire into conditions affecting the miners in the Bienfait district, that the department should investigate the sanitary conditions under which the employees were living. This investigation was undertaken and a total of 215 miners' dwellings were individualy examined, also six bunk houses, three boarding houses and a dining hall. A full report was presented to the commission following this investigation and the findings will be available when the commission's report has been published.

Council and Public Meetings.

Wherever possible council meetings were attended by the district sanitary officers and other officials of the division and public meetings were called to discuss any matters of community interest dealing with sanitation. Eighty-nine of such meetings were attended and the councils and general public addressed.

Summary of Inspections.

The following summary shows the total number of inspections made by sanitary officers during the year and the percentage of the total for the various types of inspection.

	No. of Inspections	Percentage of Total Inspections
Inspections to determine the sanitary environment of towns, villages and hamlets	1,252	10.5
Water, milk and food supplies	5,599	46.5
Hotels, boarding houses and restaurants	2,097	17.5
Disposal of wastes	949	8.0
Investigation of communicable disease and vital statistic records	655	5.4
Hospitals, schools and institutions and plumbing inspections	253	2.0
Summer resorts, auto camps and fair grounds	226	1.8
Construction and lumber camps	211	1.7
Investigation under which employees were living in the Bienfait mining district	225	1.8
Public and council meetings and miscellaneous	589	4.8
	12,056	100%

Supervision by Assistant Sanitary Engineer.

In addition to his duties of supervising the field work of the eight district sanitary officers and visiting the district headquarters of each official to examine the records and office methods, the assistant sanitary engineer personally made the following inspections:

Waterworks systems at Gravelbourg, Humboldt, Melfort, Prince Albert, Maple Creek, North Battleford, Outlook, Swift Current, Wilkie, Watrous, Willow Bunch and Yorkton, also North Battleford Mental Hospital and the new park sites at Manitou Lake and Fish Lake. Reports on the condition of the water supplies at these points are all on file.

Sewage disposal systems at Gravelbourg, Humboldt, Melfort, Maple Creek, North Battleford, Swift Current, Shaunavon and Yorkton, also at the Mental Hospital at North Battleford, the Indian School at Duck Lake, the Public school at Rosthern and the new Government parks at Manitou Lake and Fish Lake.

The disposal of creamery wastes at Carnduff with relation to the water supply of the town was investigated and plans and estimates of cost prepared in connection with a new drainage system.

Reports on the operation and efficiency of the various plants are on file.

Statistics regarding waterworks, sewerage and sewage disposal systems operating during the year were compiled and printed copies circulated to all councils and persons interested.

NEW REGULATIONS

The following regulations were prepared by the division and circulated in draft form to all medical health officers of cities and other interested officials and were finally passed by Order in Council on June 15th: Regulations Governing Barber Shops, Regulations Respecting Bake Shops, Regulations Governing Tourist Camps, Regulations Governing Apartment Blocks.

UNION HOSPITAL ORGANIZATION AND CONSTRUCTION

No new hospital districts were established during the year. The number of union hospitals in operation in the province remains at twenty.

CORRESPONDENCE

During the year 3,237 letters were received and 3,949 letters mailed, exclusive of circular letters and correspondence to and from the district sanitary officers.

APPENDICES

Attached are the four tables referred to in the report .

R. H. MURRAY, C.E.,
Director, Division of Sanitation.

TABLE NO 1—WATERWORKS.

Date 1931	Name of municipality	Work authorized	Amount
Jan. 14	N. Battleford	Extension to waterworks system	$ 1,393.45
Jan. 22	Moose Jaw	Extension to waterworks system	260,609.75
Jan. 24	Gravelbourg	Extension to waterworks system	5,000.00
Feb. 27	Estevan	Extension to waterworks system	563.92
Mar. 2	Prince Albert	Extension to waterworks system	5,024.45
Mar. 10	Moose Jaw	Extension to waterworks system	2,299.35
Mar. 18	Arcola	Extension to waterworks system	3,500.00
Mar. 30	Saskatoon	Extension to waterworks system	10,000.00
Mar. 30	Saskatoon	Extension to waterworks system	21,000.00
Mar. 30	Melville	Extension to waterworks system	6,997.00
Apr. 13	Mendham	Construction of well	1,500.00
Mar. 25	Herbert	Construction of waterworks system	5,000.00
Dec. 16	Saskatoon	Extension to waterworks system	77,270.88
May 4	Regina	Extension to waterworks system	17,445.00
May 4	Blaine Lake	Construction of well	523.00
May 18	Saskatoon	Extension to waterworks system	5,150.00
July 4	N. Battleford	Extension to waterworks system	22,417.00
July 14	Regina	Extension to waterworks system	5,700.00
July 14	Watrous	Construction of well and pipe line	31,000.00
July 17	Prince Albert	Extension to waterworks system	14,229.00
Aug. 17	Climax	Construction of well	3,500.00
Sept. 19	Weyburn	Extension to waterworks system	4,000.00
Oct. 20	Qu'Appelle	Construction of well	1,969.57
Oct. 21	Prince Albert	Extension to waterworks system	660.00
Nov. 2	Assiniboia	Extension to waterworks system	604.61
Oct. 9	Prince Albert	Extension to waterworks system	2,831.17
Oct. 9	Prince Albert	Extension to waterworks system	1,997.16
Oct. 9	Prince Albert	Extension to waterworks system	1,204.72
Nov. 18	Regina	Extension to waterworks system	400,000.00
Nov. 27	Tantallon	Extension to waterworks system	1,500.00
Dec. 12	Canora	Extension to waterworks system	7,500.00
Dec. 14	Prince Albert	Extension to waterworks system	11,533.00
Dec. 14	Weyburn	Extension to waterworks system	4,000.00
Dec. 23	Morse	Construction of waterworks system	1,976.61
		Total	$939,899.64

TABLE NO. 2—SEWERAGE.

Date 1931	Municipality	Work authorized	Amount
Jan. 15	N. Battleford	Extension to sewerage system	$ 1,106.55
Feb. 27	Estevan	Extension to sewerage system	309.04
Mar. 2	Prince Albert	Extension to sewerage system	645.36
Mar. 10	Moose Jaw	Extension to sewerage system	1,431.11
Mar. 30	Saskatoon	Extension to sewerage system	14,000.00
Mar. 30	Melville	Extension to sewerage system	1,100.00
Mar. 30	Melville	Extension to sewerage system	14,600.00
Dec. 16	Saskatoon	Extension to sewerage system	84,415.79
May 5	Regina	Extension to sewerage system	1,742.46
May 5	Regina	Extension to sewerage system	4,213.88
May 12	Weyburn	Construction of new sewage disposal plant	37,000.00
July 14	Regina	Extension to sewerage system	1,424.71
July 17	Prince Albert	Extension to sewerage system	2,202.90
Sept. 19	Weyburn	Extension to sewerage system	8,000.00
Oct. 21	Prince Albert	Extension to sewerage system	686.00
Nov. 2	Saskatoon	Extension to sewerage system	300,000.00
Oct. 9	Prince Albert	Extension to sewerage system	1,767.80
Oct. 9	Prince Albert	Extension to sewerage system	1,320.00
Oct. 9	Prince Albert	Extension to sewerage system	816.53
Nov. 16	N. Battleford	Construction of new sewage disposal plant	36,000.00
Nov. 16	Shaunavon	Extension to storm sewer system	11,308.00
Nov. 24	Assiniboia	Construction of new sewerage system	20,000.00
Nov. 27	Sutherland	Extension to sewerage system	2,500.00
Dec. 14	Prince Albert	Extension to sewerage system	7,704.00
Dec. 14	Weyburn	Extension to sewerage system	6,000.00
		Total	$ 560,294.13

TABLE No. 3

SCORES AWARDED URBAN MUNICIPALITIES

DISTRICT No. 1

Towns

Name	Score
Maple Creek	92
Gull Lake	86
Mortlach	84
Shaunavon	84
Herbert	83
Morse	80
Cabri	78
Leader	77
Eastend	74

Villages

Name	Score
Consul	87
Aneroid	85
Coderre	81
Parkbeg	81
Webb	81
Prelate	80
Scotsguard	80
Abbey	78
Sceptre	78
Admiral	77
Bracken	77
Lancer	77
Rush Lake	77
Tompkins	77
Dollard	76
Orkney	76
Burstall	75
Piapot	75
Climax	74
Success	74
Ernfold	73
Frontier	73
Lemsford	73
Portreeve	73
Fox Valley	72
Neville	72
Val Marie	72
McMahon	71
Pennant	70
Ponteix	70
Robsart	70
Hatton	69
Mendham	69
Shackleton	69
Vidora	68
Waldeck	68
Carmichael	66
Chaplin	65
Wood Mountain	60
Wymark	60
Instow	59
Cadillac	58

DISTRICT No. 2

Towns

Name	Score
Assiniboia	89
Lumsden	81
Rouleau	81
Qu'Appelle	79
Caron	77
Milestone	73
Ogema	67
Balgonie	61

Villages

Name	Score
Regina Beach	89
Avonlea	84
Mossbank	84
Viceroy	84
Briercrest	79
North Regina	73
Findlater	70
Pense	69
Coronach	68
Rockglen	68
Mazenod	67
Readlyn	67
Spring Valley	67
Bengough	66
Brownlee	65
Craven	65

Name	Score
Drinkwater	65
Edenwold	65
Keeler	65
Tuxford	64
Willowbunch	64
Fife Lake	63
Wilcox	63
Ceylon	62
Riverhurst	62
Verwood	62
Belle Plaine	61
Central Butte	59
Disley	59
Lawson	59
Truax	59
Marquis	58
Khedive	56
Bethune	55
Mawer	55
Bridgeford	53
Amulet	52
Eyebrow	52
Tugaske	52
Hardy	51
Horizon	51
Pangman	50
Ardill	49
Expanse	47
Mitchellton	45
Willows	44
Darmody	42
Forward	39

DISTRICT No. 3

Towns

Moosomin	89
Indian Head	85
Oxbow	80
Carlyle	79
Estevan	79
Broadview	77
Aladema	76
Arcola	75
Whitewood	72
Francis	71
Carnduff	70
Wolseley	69
Wapella	66
Grenfell	61
Yellowgrass	61
Radville	58
Sintaluta	58
Fleming	51

Villages

Kipling	81
Rocanville	79
Colgate	76
Welwyn	74
Kisbey	73
Windthorst	73
Montmartre	72
Goodwater	70
Creelman	68
Torquay	66
Antler	64
Griffin	63
Vibank	62
Carievale	61
Heward	59
Halbrite	58
Frobisher	57
Glenavon	57
Benson	56
Forget	56
Gainsborough	56
Lang	56
Odessa	56
Redvers	56
Roche Percee	56
Glen Ewen	55
Macoun	55
North Portal	55
Alida	53
Bienfait	53
Lampman	53
Tyvan	53
McTaggart	52
Stoughton	52
Manor	50
Midale	49
Maryfield	48
Fairlight	47
Kennedy	47
Tribune	45
Kendal	42
Osage	42
Wawota	42
Bromhead	41
Wauchope	41
Summerberry	35
Sedley	33
Fillmore	32

DISTRICT No. 4

Towns

Melville	95
Saltcoats	89
Canora	86
Kamsack	85
Foam Lake	74
Lemberg	73
Bredenbury	69
Wadena	61

Villages

Lipton	78
Balcarres	76
Preeceville	74
Kelvington	72
Kelliher	68
Lestock	66
Abernethy	63
Duff	63
Theodore	63
Fort Qu'Appelle	62
Lebret	62
Springside	62
Grayson	61
Neudorf	61
MacNutt	58
Esterhazy	54
Ituna	54
Pelly	54
Rhein	54
Waldron	53
Fenwood	51
Langenburg	51
Wroxton	51
Churchbridge	49
Lintlaw	49
Spy Hill	48
Goodeve	47
Invermay	47
Stenen	47
Willowbrook	47
Arran	46
Leross	46
Margo	46
Norquay	45
Buchanan	44
Killaly	43
Tantallon	43
Stockholm	42
Bangor	40
Stornoway	40
Atwater	39
Elfros	39
Jasmin	39
Dubuc	38
Leslie	38
Sturgis	38
Calder	36
Insinger	36
Rama	36
Hyas	34
Sheho	32
Hubbard	31
Togo	30
Otthon	28
Dysart	23
Veregin	17

DISTRICT No. 5

Towns

Wynyard	94
Humboldt	91
Sutherland	90
Govan	82
Watrous	82
Davidson	79
Lanigan	78
Craik	76
Hanley	74
Outlook	73
Vonda	73
Watson	68
Nokomis	64
Strasbourg	64

Villages

Plunkett	91
Punnichy	91
Allan	88
Colonsay	87
Semans	85
Elstow	85
Simpson	84
Viscount	82
Aberdeen	79
Bruno	79
Liberty	79
Raymore	79
Quill Lake	78

Name	Score
Cupar	74
Imperial	74
Southey	74
Aylesbury	73
Chamberlain	73
Dundurn	73
Girvin	73
Hawarden	72
Kandahar	72
Loreburn	72
Broderick	71
Dilke	71
Jansen	71
Lockwood	70
Holdfast	69
Prud'homme	68
Drake	67
Penzance	67
Strongfield	67
Glenside	66
Bladworth	65
Lake Lenore	65
Tate	64
Elbow	63
Venn	63
Bulyea	62
Earl Grey	62
Silton	62
Kenaston	61
Leroy	61
Markinch	61
Quinton	61
Meacham	60
Bradwell	58
Dafoe	58
Duval	58
Spalding	57
Zelma	56
Guernsey	55
Meunster	53
Englefeld	47
Young	46
St. Gregor	40

DISTRICT No. 6

Towns

Biggar	84
Asquith	74
Alsask	72
Kerrobert	71
Kindersley	71
Rosetown	71
Delisle	69
Eston	61
Zealandia	59

Villages

Dinsmore	79
Leney	68
Perdue	68
Birsay	67
Elrose	67
Kinley	67
Sovereign	67
Milden	66
Dodsland	65
Dunblane	65
Plato	64
Vanscoy	64
Bounty	63
Conquest	63
Beechy	62
Major	62
Richlea	61
Wiseton	61
Lucky Lake	60
Plenty	60
Glidden	59
Ardath	58
Harris	58
Luseland	57
Madison	56
Mantario	56
Tessier	56
Kelfield	55
Ruthilda	54
Flaxcombe	53
Kyle	53
Laura	53
Macrorie	53
Smiley	53
Handel	52
Netherhill	52
Druid	51
Eatonia	50
McGee	50
Loverna	49
Tramping Lake	49
Marengo	48
Herschel	47
Brock	46
Springwater	46
Swanson	46
Hughton	44
Stranraer	41

DISTRICT No. 7

Towns

Lloydminster	83
Battleford	81
Unity	78
Macklin	71
Radisson	52
Scott	52

Villages

Lashburn	77
St. Walburg	67
Landis	63
Maymont	63
Richard	60
Marshall	57
Rabbit Lake	57
Primate	56
Spruce Lake	56
Denzil	55
Paynton	55
Ruddell	55
Senlac	55
Cut Knife	54
Delmas	53
Denholm	53
Turtleford	53
Mervin	51
Leipzig	50
Maidstone	50
Speers	50
Evesham	49
Rockhaven	48
Fielding	47
Revenue	47
Waseca	47
Vawn	45
Cavell	44
Glaslyn	44
Hafford	44
Edam	43
Adanac	42
Krydor	40

DISTRICT No. 8

Towns

Melfort	85
Rosthern	81
Star City	78
Tisdale	74
Duck Lake	59

Villages

Canwood	84
Kinistino	79
Naicam	78
Ridgedale	78
Shellbrook	78
Valparaiso	74
Nipawin	73
Parkside	73
Wakaw	73
Birch Hills	71
Domremy	71
Beatty	70
Big River	70
Codette	70
Leask	70
St. Brieux	69
Weldon	67
Hepburn	66
Waldheim	66
Cudworth	64
Hague	64
Laird	64
Eldersley	63
Debden	62
Dalmeny	57

TABLE NO. 4—SUMMARY OF INSPECTIONS MADE FROM JANUARY 1ST TO DECEMBER 31ST, 1931.

District	Towns—1st Inspection	Towns—Follow up Inspections	Villages—1st Inspection	Villages—Follow Up Inspection	Hamlets—1st Inspection	Hamlets—Follow Up Inspection	Water Supplies	Milk Supplies	Food Supplies	Schools and Institutions	Auto Camps	Summer Resorts	Hotels	Boarding Houses	Restaurants	Fair Grounds	Hospitals (including Water Supply and Drainage)	Plumbing Inspections	Camps (construction and lumber)	Waste Disposal Grounds	Communicable Disease	Vital Statistics	Public and Council Meetings	Miscellaneous Inspections	Total Inspections	Municipal Officials Interviewed	Total Inspection Hours
No. 1	11	22	39	57	31	34	347	518	543	14	3	10	181	82	349	2	50	21	45	162	20	182	18	90	2,831	503	938
No. 2	9	2	56	19	54	11	340	106	118	8	11	5	41	49	65	..	4	2	20	119	13	...	2	...	1,054	276	503
No. 3	17	25	40	61	32	20	193	220	231	20	11	11	96	13	166	14	16	1	23	162	...	33	9	366	1,780	428	900
No. 4	24	...	75	2	39	1	234	93	124	14	11	37	76	24	100	3	....	3	19	102	...	64	8	78	1,131	281	500
No. 5	23	6	70	15	3	...	105	119	158	3	28	10	73	4	82	3	1	1	17	82	5	6	17	46	877	320	413
No. 6	18	8	92	49	37	16	159	362	214	29	12	4	94	14	181	9	....	8	21	119	14	120	6	9	1,595	446	1,302
No. 7	9	3	44	16	19	3	210	185	218	5	8	6	87	14	97	..	....	..	31	90	...	97	8	1	1,151	164	637
No. 8	4	4	30	16	72	14	276	177	349	20	12	8	88	26	95	8	10	23	35	113	21	80	21	135	1,637	406	757
	115	70	446	235	287	99	1,864	1,780	1,955	113	96	91	736	226	1,135	39	81	59	211	949	73	582	89	725	12,056	2,824	5,950

Venereal Disease Report, 1931.

There were 1,229 new cases of venereal disease reported for the year 1931. This is a decrease from the previous year of 140 cases.

Of the patients reported, 836 were males and 393 females, 847 were suffering from Gonorrhoea and 382 from Syphilis.

A record kept of the ages of patients reported shows among the females that 53% were under 21, 32% between 21 and 30 and 13% over 30 years of age.

The ages for the males are 10% under 21, 51% 21 to 30, and 38% over 30 years of age.

The number of treatments given in the dispensaries was 43,544, an increase of 4,216 over the previous year.

There was sent to physicians in the province for the treatment of indigent patients drugs for 1,417 Syphilis treatments.

The following tables give the details of the work done and the patients treated.

F. C. Middleton, M.D.
Director, V.D. Division.

VENEREAL DISEASES REPORTED IN SASKATCHEWAN

	1931	1931		1930		1929		1928		1927		1926		1925		1924	
	Total Cases	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Syphilis—Reported by dispensaries	323	205	118	222	119	158	77	192	89	173	108	137	82	91	55	123	76
Reported by physicians	59	37	22	45	29	47	22	30	13	45	21	21	4	15	9	32	11
Gonorrhoea—Reported by dispensaries	763	529	234	582	248	456	272	452	187	464	168	455	184	448	106	463	149
Reported by physicians	84	65	19	85	39	79	28	58	21	66	22	43	16	47	11	28	16
		836	393	934	435	740	399	732	310	748	319	656	286	601	181	646	252
Total	1,229	1,229		1,369		1,139		1,042		1,067		942		782		898	

PATIENTS TREATED AT GOVERNMENT DISPENSARIES

	1931	1931		1930		1929		1928		1927		1926		1925		1924	
	Total Cases	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Syphilis	678	472	206	471	228	403	194	450	232	425	277	363	208	310	170	405	202
Gonorrhoea	1,074	744	330	787	390	607	362	651	445	678	286	666	287	466	194	604	220
		1216	536	1258	618	1010	556	1101	677	1103	563	1029	495	956	364	1009	422
Total	1,752	1,752		1,876		1,566		1,778		1,666		1,524		1,320		1,431	

NUMBER OF TREATMENTS GIVEN IN DISPENSARIES

	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922
Syphilis	7,466	5,772	4,430	5,872	5,922	5,222	4,348	5,114	4,922	4,613
Gonorrhoea	36,078	33,556	29,313	27,098	27,920	31,057	27,777	28,120	26,408	25,218
Chancroid	....	....	....	....	....	15	....	....	....	....
Total	43,544	39,328	33,743	32,970	33,842	36,294	32,125	33,234	31,330	29,831

DISCHARGED FROM DISPENSARIES APPARENTLY CURED

1931	1930	1929	1928	1927	1926	1925	1924	1923	1922
637	790	633	715	597	640	662	553	560	252

Provincial Laboratory Report, 1931.

REGINA, *February 3, 1932.*

DR. F. C. MIDDLETON,
Deputy Minister of Public Health,

Sir:

During the year 1931 a total of 32,954 examinations were made in the Provincial Laboratory. The commercial value of these examinations compares with those of 1930 thus:

	1930	1931
Number of examinations	29,083	32,964
Number of cultures made	21,563	22,228
Commercial value	$110,334.30	$122,711.00

The number of examinations shows an increase of 13.3 per cent over 1930. The detailed report shows that there was an increase in almost every line of work, with the exception of diphtheria swabs, Widal tests, and sputa examinations. This may be accounted for by the use of diphtheria toxoid, typhoid vaccine, improved methods of sanitation, and, in the case of sputa, by the opening of various chest clinics in the province. The number of examinations along these lines seem to be decreasing year by year, which should be taken as a sign of the efficiency of those doing Public Health work in the province.

The Provincial Laboratory was established in 1905. It was then attached to the Department of Agriculture, and was situated in the old Government Buildings on Dewdney Avenue. The number of examinations in 1905 was 966. By the year 1910 the total had risen to 2,033, but this total included a very large number of germination tests for the Department of Agriculture. By 1915 the total had reached 4,427, and in 1918 the laboratory became part of the Department of Public Health. In the year 1920, 7,783 examinations were made, and 17,419 was the total for 1925. Five years later, in 1930, 29,083 examinations were made, and the total for last year, as seen above, was 32,964. It will thus be seen that the work of the laboratory has increased steadily ever since it was established, and more and more doctors are taking advantage of the facilities which are offered.

The director made nineteen trips into various parts of the province during the year, while the analytical chemist made fourteen trips. The director made five trips to Regina, Prince Albert, and North Battleford Jails, for the purpose of taking Wassermann tests in special cases. Two trips were made for the purpose of collecting blood for poliomyelitis serum. Four were made for the purpose of conducting post mortem examinations for the Department of the Attorney General, and evidence was given at six inquests and trials in various parts of the province. Routine Wasserman tests were taken on the boys at the Detention Home and on the babies at the Home of Hope, Moose Jaw. The analytical chemist gave evidence at three inquests and at eleven trials.

During the year 1931 there was not much demand for poliomyelitis serum, but there is a plentiful supply on hand at the present time.

Yours faithfully,

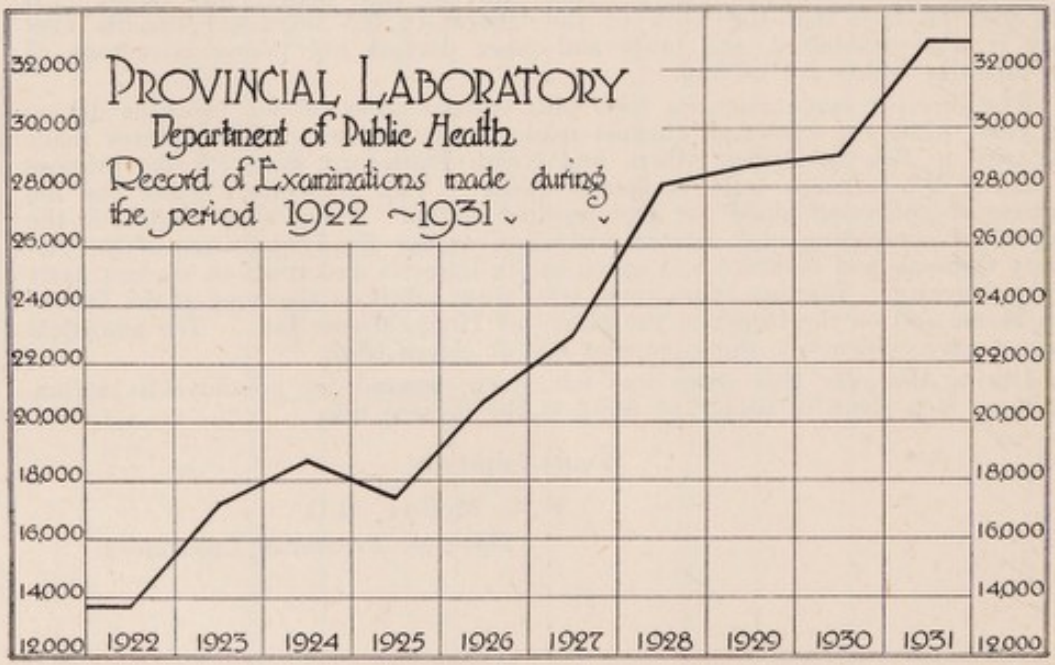
F. G. MCGILL, M.D.
Director, Provincial Laboratory.

PROVINCIAL LABORATORY

COMMERCIAL VALUE OF EXAMINATIONS
1930 AND 1931

	1930	1931	Commercial Value 1930	Commercial Value 1931
Wassermann Tests	10,858	11,148	$ 54,290.00	$ 55,740.00
Throat Swabs	1,859	1,356	3,718.00	2,712.00
Widals	337	355	674.00	670.00
Sputa	585	432	1,170.00	864.00
Urinalyses	2,759	3,219	8,277.00	9,657.00
Examinations for G.C.	5,199	6,574	10,398.00	13,148.00
Tissues	708	917	3,540.00	4,585.00
Inoculations	2,086	2,886	2,086.00	2,886.00
Waters	1,311	1,948	6,555.00	9,740.00
Miscellaneous	1,253	1,133	6,265.00	5,665.00
Blood counts	.....	329	.....	987.00
Chemical	1,944	2,599	9,720.00	14,995.00
Police Exhibits	141	74	1,410.00	740.00
Post Mortems	3	4	75.00	100.00
	29,083	32,954	$108,178.00	$120,489.00
Cultures made	21,563	22,228	2,156.30	2,222.80
			$110,334.30	$122,711.80

Increase of 1931 examinations over 1930 — 13.3%.



	Wassermann Tests	Throat Swabs	Widals	Urinalysis	Sputa	Gonorrhea	Tissues	Inoculations	Waters	Miscellaneous	Chemical	Blood Counts	Police Exhibits	Post Mortems	Totals
January	963	102	18	306	34	347	78	293	85	121	150	39	....	1	2,537
February	875	123	15	310	29	475	79	198	119	120	151	25	....	1	2,520
March	997	336	14	303	47	521	68	164	154	110	237	31	6	....	2,988
April	898	288	16	217	47	474	74	222	137	95	191	24	13	....	2,696
May	859	45	20	202	50	511	84	185	183	122	238	18	....	....	2,517
June	1,064	47	20	272	47	577	92	305	226	95	315	36	6	....	3,102
July	1,003	55	45	234	41	571	88	342	238	82	317	22	16	....	3,054
August	847	52	47	220	25	715	65	509	178	79	108	33	7	1	2,886
September	855	43	82	235	25	595	67	100	236	71	329	21	11	1	2,671
October	901	114	29	230	29	652	77	220	156	83	211	29	1	....	2,732
November	874	91	12	418	33	557	69	182	123	77	167	21	6	....	2,630
December	1,012	60	17	272	25	579	76	166	113	78	185	30	8	....	2,621
Total	11,124	1,356	335	3,219	432	6,574	917	2,886	1,948	1,133	2,599	329	74	4	32,954

SUMMARY OF ANNUAL REPORTS 1922—1931.

1922	3,582	2,860	353	1,696	768	2,333	....	....	....	2,121	....	....	....	....	13,713
1923	2,559	2,486	496	1,447	607	1,732	238	....	....	2,163	4,416	....	....	....	17,144
1924	4,137	2,023	273	1,578	567	2,404	1,165	....	363	2,488	3,507	....	....	....	18,711
1925	4,101	1,334	370	1,543	489	2,953	1,869	544	547	1,988	1,681	....	....	....	17,419
1926	6,127	1,623	320	2,289	500	3,361	1,060	1,169	664	2,221	1,378	....	....	....	20,711
1927	7,140	1,741	402	2,267	668	4,059	822	2,207	720	1,694	1,212	....	....	....	22,932
1928	8,826	4,197	398	1,865	609	4,339	629	2,242	1,031	1,376	1,730	....	....	....	28,242
1929	9,224	4,180	521	2,062	685	4,439	694	2,267	1,224	1,612	1,820	....	....	....	28,853
1930	10,858	1,859	377	2,759	585	5,199	708	2,086	1,311	1,253	1,944	....	141	3	29,083
1931	11,124	1,356	335	3,219	432	6,574	917	2,886	1,948	1,133	2,599	329	74	4	32,954

Maternity Grants.

During the fiscal year ending April 30, 1932, an amount of $49,968.00 was paid out in maternity grants, distributed as follows:

1,842 mothers received	$18,435.00
1,839 doctors received	27,585.00
101 hospitals received	1,501.00
174 nurses received	2,447.00
Total	$49,968.00

The cash maternity grant was reorganized on September 2, 1931. This grant had increased to such a degree that it was beginning to get out of control.

In 1919-20 when the grant was first given, 18 mothers were assisted at a cost of $441.00. In 1922-23, 286 mothers were assisted at a cost of $6,855.00. By 1928-29 it had doubled, when 585 mothers were assisted at a cost of $12,964.50. By 1929-30 it had again doubled when 1,112 mothers were assisted at a cost of $25,258.00. The next year, 1930-31, it almost trebled during the year when 3,020 mothers were assisted at a cost of $64,116.00. For the first four months of the fiscal year 1931-32 (May to September) 1,531 mothers were assisted at a cost of $39,108.00. At this same rate for the whole year it would have cost at least $120,000.00. It was therefore found necessary to reorganize the maternity grant and in its place the Department has substituted a Maternity Package made up of a layette for the infant, and some supplies for the mother.

The first package was sent out in December, 1931, and up to the end of the fiscal year on April 30, 1932, 1,974 needy mothers had been provided clothing for their newborn infants.

Fiscal year	Maternity grant paid	Number of mothers assisted
1919-1920	$ 441.00	18
1920-1921	3,120.00	125
1921-1922	6,275.00	253
1922-1923	6,855.00	286
1923-1924	9,469.00	427
1924-1925	10,595.00	417
1925-1926	11,852.50	496
1926-1927	8,450.00	505
1927-1928	11,100.40	467
1928-1929	12,964.50	585
1929-1930	25,258.00	1,122
1930-1931	64,116.00	3,020
1931-1932 May 1st-31 to Sept. 2-31	49,968.00*	1,842

December 31 to April 30, 1932, Maternity Packages sent out for 1,974 mothers.

*This amount included assistance on behalf of 193 doctors and hospital accounts for 1930-1931.

Exhibitions—Public Health.

This year the department opened the exhibition season at Weyburn, June 29, 1931, and in succession proceeded to Estevan, Arcola, Yorkton, Saskatoon, Regina, North Battleford and Prince Albert, completing the series on August 4.

Almost every activity of the department was displayed in some form, by means of models both stationary and moving, posters and slogans, graphs and statistics.

Child Welfare, Sanitation, Communicable Diseases, Vital Statistics and the other activities were brought to the notice of the visitors in the usual telling manner which has become such a striking feature of this department's work; and the interest manifested therein continues to be maintained by the visiting public.

Much encouragement to the staff in attendance was the intelligent questioning daily experienced, proving that the interest aroused by previous exhibits was being maintained, and enquiries for literature were as numerous as heretofore, although the attendance was not so great.

Educationally, 1931 again ranks high and although conditions prevented the attendance of large crowds, yet the interest shown on all sides was clear indication of the place these exhibits hold, particularly in the lives of our rural population.

J. H. LEE-GRAYSON,
Director of Exhibits.

DIETITIAN.

Miss Alice Langley, Travelling Dietitian, completed her two months' course at the Victoria Hospital, Prince Albert, in February, 1931. She also attended at the exhibitions with a food exhibit, having particular reference to diabetic diet.

This work was commenced May 1, 1928, but owing to the difficulty hospitals are having to finance at the present time, there was not sufficient applications from the hospitals for the service of the dietitian to warrant continuing the position. Therefore when the School for the Deaf was opened in Saskatoon in September, 1931, Miss Langley was transferred to this school as their matron.

FULL TIME HEALTH DISTRICT REPORT, 1931.

GRAVELBOURG, SASK., *December 31, 1931.*

THE DEPUTY MINISTER,
Department of Public Health,
Regina, Saskatchewan.

DEAR SIR:

The following report on the Health District No. 1 for the year 1931 compares most favorably with that for the year 1930 as, although some items are less, new work was inaugurated and carried out very successfully. It will be noted that seven pre-natal clinics were held in 1931, not one in 1930; 48 pre-natal home visits were made in the current year, 12 last year.

Pre-school work for this year included 231 infant and pre-school home visits, 17 child welfare conferences besides 32 monthly weighing centres and conferences and 927 examinations. In 1930, there were 197 infant and pre-school home visits, 22 Child Welfare Conferences and Weighing Centres and 892 examinations. Thus the total work in this field was slightly greater in 1931 than in 1930 although the number of children per clinic showed a decrease.

During this year 73 schools were visited by the doctor and nurse for routine inspection and examination of 2,014 children as compared with 106 schools and 3,661 children seen in 1930. However, last year no schools were visited by the staff of the unit for immunization work whereas in 1931 children in 58 schools were given free protection against smallpox and diphtheria.

In carrying out immunization work in the district, 2,765 individuals were vaccinated against smallpox and 1,876 given diphtheria toxoid. These figures represent the actual number of persons treated, not re-vaccination and successive doses of toxoid. The people of the area seemed very glad to avail themselves of these preventive measures and responded more readily to procedures carried out in entirety by the staff of the unit without charge than they did to preventive work — such as physical examinations — started by our personnel but completed only by work of other physicians at expense to the individuals. In times of stress such as we have experienced during the past two years it has been most difficult to get surgical treatment for other than the most urgent cases and our preventive surgical work has therefore been almost at a standstill. Much good has come from medical advice as to diet, infant feeding, and general hygiene principles, but it has been difficult to make many people realize just what can be done along this line with very little expense. In immunization work we have found something of the highest value and yet least expense to the families of the area. The practicing physicians in the district have, during the past year, been favorable to immunization work being done by our staff as in most cases it would otherwise not have been carried out at all on account of the inability of the individual to pay his own doctor.

The sanitary inspector — the one member of the outside staff who has been present since the inception of the unit — has submitted the following opinion about his special field. "There has been a general improvement in the sanitary condition of the villages, especially with respect to restaurants, wells and slaughter-houses. The dairies still constitute one of the greatest problems, one factor being that many enter the business for a short time only, thus making enforcement of the regulations more difficult; another factor is getting the councils to realize their responsibilities in the matter. The regular dairymen have co-operated and have, under rather adverse circumstances in many cases, been endeavoring to conform to our standards."

In conclusion, it would appear that the work of Health District No. 1, during the past year has been of much benefit to the people of the area. Should the work be discontinued it will be on account of the financial conditions of the area only and will cause much regret in the area concerned. In the past year we have endeavored to give the greatest service for the amount of expenditure available, or at minimal expense to the taxpayer.

STATISTICAL REPORT FOR 1931.

DOCTOR'S REPORT

Schools visited (routine inspection)	30
No. pupils examined	769
Schools visited for Communicable Diseases only	4
Child Welfare Conferences	40
Total Attendance	682
Public meetings	2
Total Attendance	275
Lectures to Nurses	8
Days spent in Communicable Disease Control	30
Immunization Clinics	181
Number of Children inoculated against Diphtheria	1,876
Schick Test	1,087
Reaction Test	161
Toxoid (1st dose)	1,881
Toxoid (2nd dose)	1,703
Toxoid (3rd dose)	467
Toxoid (4th dose)	21
Number of people vaccinated against Smallpox	2,765
Number of vaccinations	3,341
Dick Tests	41
Pre-Natal Clinics	7
Total Attendance	15
Hospital Inspection (Kincaid)	1

NURSE'S REPORT

Schools visited (routine inspections)	73
No. pupils inspected	2,014
Pre-School Conferences Held	17
No. children examined	518
Weighing Centres Held	32
Total Attendance	409
Pre-Natal Clinics	7
Total Attendance	15
Schools visited for communicable disease only	6

SUMMARY OF NURSE'S HOME VISITS

Number of Homes Visited	414
Services represented—	
Pre-Natal	48
Infant Welfare	102
Pre-School	130
School	243
Tuberculosis	4
Trachoma	0
Other Communicable Diseases	29
Special Cases	48
No. Nursing Home Inspections	4
No. Health Talks given in Schools	50
No. Meetings Addressed	1
No. Junior Health League Classes Held	2
Total Attendance	30
No. cases of tuberculosis investigated	4
No. cases reported for relief to—	
Jr. Red Cross	3
C.N.I.B.	5
Municipality	8
Official calls—	
Medical Health Officers	1
School officials	12
Municipal officials	6
Women's organizations	18

ASSISTANCE WITH IMMUNIZATION

Number of Clinics	186
No. of Schools	58
No. Children vaccinated	2,765
No. Children given Diphtheria Toxoid	1,876
No. Children given Dick Test	41
No. Children given Scarlet Fever Toxin	41

FINDINGS ON EXAMINATION OF SCHOOL CHILDREN BY DOCTOR AND NURSE

(Total Number of Pupils Examined	2,014)
No. Pupils with no apparent defect	400
No. Pupils who had been vaccinated	618
No. Pupils who had received Toxoid	584
No. Pupils with defective vision	208
No. Pupils with defective hearing	48
No. Pupils with unhealthy throats	629
No. Pupils with nasal obstruction	49

No. Pupils markedly underweight	232
No. Pupils with carious teeth	1,147
No. Pupils with enlarged thyroid	22
No. Pupils with orthopedic defects requiring treatment	13
No. Pupils with skin eruptions	48
No. Pupils with nervous disorders	4
No. Pupils apparently of subnormal mentality	29
No. Pupils with suspect trachoma	1
No. Pupils with suspect tuberculosis	7
No. Pupils with discharging ears	3
No. of special cases	10

FINDINGS AT CHILD WELFARE CONFERENCES AND WEIGHING CENTRES

(Total Number of Children Examined	518)
No. Children without defects	61
No. Vaccinated	96
No. who had had Toxoid	95
Overheight	150
Underheight	68
Overweight	28
Underweight	118
No. with bone defects	2
No. with defects of lungs and chest	6
No. with unhealthy throats	163
Adenoids	163
No. with carious teeth	58
No. with defects of ears	9
Defects of eyes	16
Defects of nose	4
Defects of genitalia	14
Defects of heart and arteries	1
Hernia	1
Nervous disorders	7
Defects of glands	11
Skin defects	12
Rickets	59
Births not registered	0

SANITATION

Public well inspections	11
Private well inspections	19
Dairy inspections	71
Butcher shop inspections	11
Slaughter-house inspections	16
School inspections	8
Hotel inspections	7
Waste disposal ground inspections	11
Restaurant inspections	12
General inspections	82
Toilet inspections	462
Plumbing inspections	4
Boarding house inspections	5
Construction camps inspected	2
Village inspections	9
Bakeries inspected	1
Sanitary surveys	985
Communicable Disease investigations	165
R.M. officials interviewed	53

OFFICE REPORT.

COMMUNICABLE DISEASES

Total Number of Cases 188

R.M. No. 73		
Chickenpox	13	
Scarlet Fever	2	
Smallpox	7	
Typhoid Fever	1	
Whooping Cough	45	
Limerick V.		
Chickenpox	1	
Measles	1	
Whooping Cough	18	
	—	88
R.M. No. 74		
German Measles	2	
Scarlet Fever	3	
LaFleche V.		
Chickenpox	2	
Scarlet Fever	2	
	—	9
R.M. No. 75		
Chickenpox	4	
German Measles	1	
Scarlet Fever	3	
Meyronne V.		
German Measles	1	
Smallpox	10	
	—	19
R.M. No. 103		
Chickenpox	10	
Scarlet Fever	1	
Whooping Cough	6	
Palmer V.		
Measles	1	
	—	18
R.M. No. 104		
Diphtheria	1	
Erysipelas	1	
Scarlet Fever	3	
Typhoid Fever	2	
Gravelbourg T.		
Erysipelas	1	
Measles	1	
Mumps	1	
Typhoid Fever	1	
	—	11
R.M. No. 105		
Chickenpox	2	
Diphtheria	2	
Erysipelas	1	
Smallpox	6	
Typhoid Fever	2	
	—	13

R.M. No. 134

Chickenpox	3	
Erysipelas	1	
Whooping Cough	18	
		22

R.M. No. 135

Chickenpox	7	
Scarlet Fever	1	
		8

Vaccines and Sera

Anti-meningitis serum	80 c.c.
Diphtheria Toxoid	2,568 persons
Dick Test	205 "
Scarlet Fever Antitoxin	60 "
Scarlet Fever Toxin	24 "
Schick Test	1,275 "
Smallpox Vaccine	3,630 "
Tetanus Antitoxin	16,000 units

Vital Statistics

Births	505
Marriages	75
Deaths	98
Maternal Deaths	1
Infant Deaths	29
Deaths from communicable diseases	17
Dysentery	1
Pneumonia, Broncho	13
Pneumonia, Lobar	1

Correspondence

Letters sent	3,366
Parcels sent	796
Pieces of literature distributed from office	7,250

Laboratory

Total Number of Examinations	236
Examinations for G.C.	29
Ice	7
Milk	21
Sputa	9
Throat and nose swabs	44
Urinalyses	27
Water	83
Widals	14
Miscellaneous	2
Cultures made	420
Specimens sent to Provincial Laboratory	61

Dr. T. D. Kendrick was in charge of the unit until October 1, 1931, when he was granted leave of absence until June, 1932, to enable him to take his D.P.H. at University of Toronto. Dr. Hames replaced Dr. Kendrick on October 1 as medical officer in charge.

C. F. W. HAMES, M.D., D.P.H.
District Health Officer.

Public Health Nursing Report, 1931.

DR. F. C. MIDDLETON, D.P.H.,
Deputy Minister of Public Health.

DEAR SIR:

I beg to submit herewith the report of the Division of Public Health Nursing for the year ended December 31, 1931.

Generalized public health work was carried on by the nurses of this division throughout the year, in districts comprising six rural municipalities served from the following headquarters: Turtleford, Shellbrook, Prince Albert, Quill Lake, Canora, Whitewood, Regina, Moose Jaw, Robsart, Bengough, Saskatoon, Cumberland House and Elrose.

The work undertaken was entirely an educational program and included school health work, pre-natal work, home visits, pre-school health conferences, infant health or weighing centres, junior and senior home nursing instruction, assistance with immunization, special tuberculosis and trachoma work, inspection of nursing homes and general health education. Details of the work are given in the summaries herewith appended.

SCHOOL HEALTH WORK

The number of schools visited by public health nurses during the year, shows an increase over the previous year but the number of pupils inspected shows some decrease. This is accounted for by the fact that the number of rural schools visited in 1931 was greater than in 1930 and the number of urban schools was less. The enrolment, therefore, was less than for the same number of urban schools. The open winter of 1931 made rural schools more easily accessible than is usual.

It is rather difficult to adequately evaluate school health work. It has many phases and some difference is noted in the emphasis given to each. The detection of signs of physical defect, while important, does not comprise a school health program, nor does the number of reported corrections express the success or failure of the work. To place children in a healthful school environment with

facilities easily available for the practice of health habits; to detect and seek to have removed all handicaps in the nature of physical defects; to teach throughout the school day the principles of good health and to attempt to establish such principles in every-day health habits for every child—these constitute the aims of school health work. The teacher, the pupil, the parent, the school trustee and the community have each a part to play in attaining them.

The number of corrections of physical defects reported by teachers for 1931 shows a reduction as compared with 1929 and 1930 but not to the extent which might have been expected when the financial condition of the parents is considered. Reports from individual schools both rural and urban show a remarkably fine effort and teachers and parents deserve commendation for the results. One school in a small town in Relief Area B with a school population of 200, reports as follows: Dental corrections 68, Nose and throat treatment 12, Glasses fitted 13, Weight improved 41, Miscellaneous corrections 15. This has not been accomplished without considerable effort and sacrifice. One of the best of the rural school reports shows: Vaccinated 20, Dental corrections 10, Nose and throat treatment 3, Weight improved 2. Only 29 of the 401 reports received show no corrections whatever.

Health teaching reports are encouraging; 302 out of 401 reports received, record regular morning health inspection or checkup for cleanliness, health practice and signs of illness. This shows a definite, practical interest on the part of the teacher in the health of the pupils and speaks well for the reaction of Normal school students to the health instruction they are receiving. Organization of Junior Red Cross Societies shows a considerable increase over the preceding year. The value of this organization in school health work has been demonstrated and should be given every encouragement.

School sanitation reports show some school improvements but poor financial condition is reflected here in the inability of School Boards to purchase necessary new school equipment. Public health nurses are stressing with all teachers and school officials the importance of care of the material on hand and are suggesting in every school simple schemes and devices for making the best possible use of the equipment they have, until such time as new may be purchased.

The lending library of this division is proving of interest and value to teachers and pupils; 194 books were loaned during the year.

A small fee, sufficient to cover mailing costs, is now charged for health teaching material. This fact has not reduced the number of requests received from teachers, and 563 parcels were sent out during the year. An effort has been made to supply everything in the nature of plays, rhymes, stories, etc., of which mention has been made in the health section of the new curriculum, in order that as much assistance as possible might be given to teachers.

The health section of the Public School Curriculum has created considerable interest among health workers in the various provinces, as evidenced by the number of requests for copies which we have received.

School health work in Saskatchewan is showing a sturdy progress. One hopes that the economic depression may not leave its stamp upon it. A fear has been expressed for the health of the children. A close check of underweights is being kept by the nurses in all the schools which they serve in relief areas, as one evidence of general nutrition. Health is fundamental whether to the individual or the state and no effort should be spared to conserve it.

NORMAL SCHOOLS

Health teaching in Saskatchewan Normal Schools continues to be carried on by nurses, with pedagogical training and experience. This work is a decided public health asset and is appreciated as such. Young teachers are going out to the schools with a sane, informed, sympathetic attitude toward all community health problems and with practical information regarding school health problems in particular. The sincere appreciation of the Department of Public Health is expressed to the health instructors in the three provincial normal schools and to all the teachers in the schools for their contribution to the health of the province.

PRE-NATAL WORK

Maternal and infant death rates are a constant source of concern in all countries in the world. Adequate pre-natal supervision and instruction are accepted as productive of the best results in reducing these rates. Toward this end our public health nurses serve, by regular monthly visits, the expectant mothers in their districts. Advice is given in general hygiene, in the preparation of the layette and in the arrangements for confinement, but especially, every mother is urged to seek early and regular advice from her family physician. The

nurse endeavors to give as much real help as possible in the various problems presented.

Pre-natal letters are distributed by the nurses and are also sent out upon request from the office. It is interesting to report that 770 requests for this service were received by mail during the year. The number is increasing each year, a fact which indicates a growing desire on the part of mothers for the best available information which will make for health for themselves and for their babies. The results of this service and of the pre-natal work of the public health nurses, are reflected in the lower maternal and infant death rates for the year.

Maternity Packages are sent out to needy mothers throughout the province, upon receipt of applications recommended by the Municipal Councils. The package contains a simple but complete layette for the infant and sterilized supplies for the use of the mother. This service was begun in December, 1931, and at the end of the calendar year 659 packages had been sent out.

INFANT AND PRE-SCHOOL WORK

The organization of Health Centres or Weighing Centres was featured in 1931. These centres are planned for more adequate supervision of the health of the infant and pre-school child than is possible in the home visits. They are conducted regularly once each month. Children are weighed and the weight recorded on the card kept by the mother and on the record kept by the nurse. All cases showing failure to gain or in any way appearing to be retarded in progress are referred to the family physician for examination and medical attention. Literature on infant care, on diet for all child-age groups, on habit formation, etc., is supplied for the mother. In all, 187 such Weighing Centres were conducted during the year with a total attendance of 2,433 children. All centres were sponsored and assistance given by local women's organizations. Splendid support of the centres was given by the medical doctors. Many attended at times during the year and several provided space for the centre in rooms adjacent to their offices. This work will be continued in 1932 and will be further developed for service to the mothers of young children.

An increase was noted during the year in the number of requests received for post-natal literature and in the number of problems re infant feeding, etc., presented by parents to the Department of Public Health for advice; 456 parcels of infant and pre-school health literature were sent out from the office.

Pre-School Health Conferences were held as usual, conducted by Dr. C. F. W. Hames, D.P.H., during the months of June, July, August and September; 122 conferences were held and 4,721 children, under six years of age, were given a complete physical examination. Conferences were held for the most part in the smaller town and rural areas, many of which have no resident medical doctor. One conference was held in the far north, at Meadow Lake, in the Red Cross Outpost, with 51 children presented for examination. In one district, nine half-day conferences were held, all in rural schools and all well attended. Much of the value of these conferences is the opportunity afforded the mother of a talk with the pediatrician, concerning the health problems of her own children. The time given to such talks is well spent and is sincerely appreciated by the mothers. While correction of the defects noted is highly important, yet the value of these conferences as instruments of health education should not be underestimated.

IMMUNIZATION

The number of children given active protection against Diphtheria and Smallpox showed a reduction as compared with the previous year, the figures for Diphtheria Toxoid showing the greatest reduction. This, too, has an economic explanation. Unfortunately many municipal councils have felt that during 1931 the money could not be found for this work. It must be pointed out, however, that an epidemic of either Smallpox or Diphtheria would cost a great deal more in money, in suffering and perhaps in lives, than the amount required for immunization.

During the years 1929, 1930 and 1931 we have the following record of assistance given by public health nurses in the work of protection against these diseases:

	Vaccinated	Diphtheria Toxoid
1929	1,862	4,803
1930	3,763	9,163
1931	3,670	5,344
	9,295	19,310

This does not, of course, give the complete totals of immunization work in the province. Our records show only centres in which our nurses have assisted with the work.

Diphtheria incidence and Diphtheria death rates have been greatly reduced in the past decade. Only continued effort on the part of all health workers will keep both the incidence and the death rate low.

Immunization is most successful when organized under the municipal council. It presents very few difficulties in areas served by municipal doctors.

DEMONSTRATIONS IN PUBLIC HEALTH NURSING

A special effort of 1931, was the demonstration of the work of the public health nurse, arranged for the cities of Prince Albert and Yorkton. A nurse from this staff was loaned to each city for a four months period. Her work was organized on a generalized plan including all phases of the work undertaken throughout the province. During the months of her service in the city the nurse undertook to keep council members, school boards and health officials informed of her work through regular formal monthly reports, attendance at meetings and newspaper items. She secured the support of voluntary organizations through the medium of private interviews with their executives and attendance at their meetings. In every way she endeavored to demonstrate and to give publicity to the value of a public health nursing service. Results were most gratifying. In June the city of Prince Albert appointed Miss Blanche Mitchell as full time city public health nurse. Yorkton had hoped to do the same, but conditions appearing unfavorable for a prosperous year, decision was made to delay action for the time. However, in December, the voluntary organizations of Yorkton arranged with Miss M. E. Pierce of the staff of this division, who was on temporary leave of absence, to work as public health nurse in Yorkton during the months of her leave of absence, the service to be financed by the voluntary organizations. It is hoped that Yorkton will arrange to finance a public health nursing service when economic conditions improve.

URBAN PUBLIC HEALTH NURSING SERVICES

The following urban centres in Saskatchewan as well as the cities of Regina, Saskatoon and Moose Jaw are now maintaining public health nursing services — Prince Albert, North Battleford, Weyburn and Melville. Supplies such as printed matter, literature, etc., and supervision of an advisory nature are supplied for this work from the Department of Public Health. Work is progressing favorably in the centres listed.

TRACHOMA SURVEY

Eary in August, 1931, a survey for the detection of cases of Trachoma was undertaken in rural municipalities No. 70 and 100. Suspect cases were listed by the public health nurse; the cases were later diagnosed by an eye specialist and the prescribed treatment was begun. This survey was continued in municipalities No. 373, 374, 403 and 404 in September, and in municipalities No. 107, 136 and 137 in November. By December first, Trachoma treatments as prescribed by doctors were being carried out by public health nurses from the following centres — Swift Current, Hague and Kayville. Assistance was also given in a similar survey and treatments in the town of Canora in November.

The nurse in these areas gave her full time to the work, all cases being treated once each week. The report of the survey in the various municipalities was as follows:

			Suspect Cases	Positive Cases
Kayville	—	R.M. 70	128	378
		R.M. 100	199	70
Swift Current	—	R.M. 107	.....	12
		R.M. 136	326	166
		R.M. 137	120	165
Hague	—	R.M. 373	6	22
		R.M. 374	71	130
		R.M. 403	8	18
		R.M. 404	1	18
Canora (town)	—		120	60

No attempt was made to give treatments in the homes but all cases were asked to report at a centre once each week on the regular day of the nurse's visit. The centre chosen was the school, community hall, or sometimes a vacant store

or a private home. The total number of treatments given was 13,847. The work is still in progress and will continue throughout the next year.

VICTORIAN ORDER OF NURSES

The combined service of bedside care and educational work with the Victorian Order of Nurses, was carried on as in previous years from the following centres — Swift Current, Preeceville and Neville. The service at Neville was discontinued in November by the Victorian Order of Nurses.

CUMBERLAND HOUSE

As the public health nursing service continues at Cumberland House, a northern outpost, the nurse reports an increased inclination on the part of the people to use the service and some improvement in the manner of living. They are endeavoring to give better care to their babies, to follow the advice of the nurse as to feeding, cleanliness, etc. A great many have begun to plant small vegetable gardens but their diet, in the main, is difficult to regulate, the usual meat and fish still predominating. Happily the wild fruits are easily available and are used with good health results in the summer months. Visits were made during the year to Sturgeon Landing, Pine Bluff, Budd's Point, Birch River, The Barrier and Pelican Narrows. The last named settlement which is 300 miles north of Cumberland House and has a population of 36, was visited this year for the first time.

The report of the Cumberland House district is:

No. School Visits	18
No. Home Visits	634
No. Office Calls	545
No. Births Attended	18
No. Deaths	7

STAFF

A leave of absence period of four months was required of the nurses of the staff of this division between the dates of October first, 1931, and May first, 1932. The time was arranged in such a manner as to have a minimum staff continually on duty, in order that the work might not be entirely discontinued. For this reason the leave of absence period was not completed until April first, 1932. The greatest difference in the amount of work accomplished will, therefore, be seen in the report for the next year rather than in the one herewith presented.

I should like to express the thanks and appreciation of this Division to the medical profession, the teachers in the schools, women's organizations and all voluntary aid groups, for their splendid support and assistance in the work of the public health nurse.

All of which is respectfully submitted,

RUBY M. SIMPSON, Reg. N.
Director of Nursing Services.

SUMMARY OF WORK OF PUBLIC HEALTH NURSES
1931

I. SCHOOL WORK

	1930	1931
Number of Schools Visited	942	1,053
Number of Pupils Inspected	35,624	34,564
Number of Pupils with no apparent defect	8,600	8,501

(a) Inspection of Pupils

	Signs of Defect Reported		*Corrections Reported by Teacher*	
	1930	1931	1930 489 Reports Received	1931 401 Reports Received
Defective Vision	4,460	3,402	493	363
Defective Hearing	486	464	45	62
Unhealthy Throat	7,615	6,701	401	337
Nasal Obstruction	1,378	1,530	237	229
Marked underweight	5,069	4,754	1,533	1,320
Carious Teeth	17,264	14,524	3,594	2,318
Enlarged Thyroid	699	623	55	25
Orthopedic Defect	.....	103	12	8

Skin Eruptions	755	570	350	432
Nervous Disorders	136	179	17	30
Suspect Trachoma	242	482	33	177
Suspect tuberculosis	57	68	4	8
Special Cases	588	556	43	140

		1930	1931
	No. of Children in Schools who had been Vaccinated previous to visit of nurse	14,832	11,645
	No. of Children in Schools who had been given Diphtheria Toxoid previous to visit of nurse	10,019	8,628
(b)	Health Talks — Given in Schools	1,441	1,403
(c)	School Improvements Reported by Teachers following the recommendation of the Public Health Nurse—		
	Lighting	39	31
	Ventilation	34	12
	Cleanliness	97	67
	Desks	43	28
	Blackboards	71	41
	Water Supply	57	52
	Washing Facilities	78	56
	Toilets	83	68
(d)	Special Health Teaching Activities Reported by Teachers—		
	Health Plays	86	144
	Health Records and Charts	166	212
	Junior Red Cross Organization	27	62
	Morning Inspection	44	302
	Health Books, Stories, Rhymes	38	25
	Health Posters	33	30
(e)	Health Teaching Material sent to Schools at Request of Teachers—		
	Pamphlets on Communicable Diseases	311 Schools	503 Schools
	Posters, Plays, Stories, Rhymes, etc.	471	563
	Library Books Loaned	154	195
II.	PRE-SCHOOL WORK		
	No. of Infant and Pre-School Health Conferences	124	122
	No. of Children Examined by Doctor	6,069	4,721
	No. of Weighing Centres	1	187
	Attendance	6	2,433
	Requests for Literature—		
	Pre-Natal Letters	136	770
	Post-Natal Letters, Diet Folders, etc., etc.	—	456
III.	ASSISTANCE WITH IMMUNIZATION		
	No. of School Districts	225	343
	No. of Children Vaccinated	3,763	3,670
	No. of Children given Diphtheria Toxoid	9,163	5,344
IV.	SENIOR HOME NURSING CLASSES		
	No. of Classes Conducted	172	114
	Total Attendance	4,058	1,771
V.	JUNIOR HOME NURSING CLASSES		
	No. of Classes Conducted	277	181
	Total Attendance	7,207	3,589
VI.	SPECIAL WORK		
	No. of Tuberculosis Cases Visited in Homes	138	149
	No. of Nursing Home Inspections	40	71
	No. of Meetings Addressed	140	135
VII.	RELIEF WORK		
	No. of Cases Reported to—		
	Junior Red Cross Society	18	81
	Canadian National Institute for the Blind	57	59
	Municipal Office	56	308
VIII.	TRACHOMA WORK		
	No. of Treatments Given	—	13,847

IX. SUMMARY OF HOME VISITS		
No. of Homes Visited	10,562	11,784
Services Represented—		
Pre-Natal	379	494
Infant Welfare	1,588	2,435
Pre-School	3,467	4,187
School	7,113	7,337
Trachoma	347	1,285
Other Communicable Diseases	241	335
Special Cases	936	943
X. OFFICIAL CALLS AND CONSULTATIONS		
Medical Health Officers	282	426
Municipal Officials	174	286
School Officials	979	970
Women's Organizations	254	235

Hospital Report, 1931.

Kincaid Community Hospital with 11 beds was added to the list of government-aided hospitals on December 14, 1931. This brings the number of government-aided hospitals, including the three sanatoria, to 64, and including 14 Red Cross Hospitals the number of beds at the end of 1931 was 3,957. This includes 904 beds for T.B., and 324 beds for isolation purposes. The number of beds increased by 41 in 1931. There were 20 union hospitals as in 1930.

The auspices under which the hospitals are conducted are:

10	Municipal	Hospitals with	1,158 beds	29.3%
16	Sisters	" "	1,153 "	29.1%
3	Sanatoria	" "	715 "	18.1%
20	Union	" "	482 "	12.2%
9	Community	" "	137 "	3.5%
3	United Church	" "	104 "	2.6%
2	Private	" "	65 "	1.6%
1	V. O. N.	" "	11 "	0.3%
14	Red Cross	" "	132 "	3.3%
64	Hospitals with Red Cross		3,957 "	100.0%

With a population of 921,785 for 1931 we had one hospital bed for every 233 of our people or 4.3 beds per 1,000 population.

The general hospitals showed a decrease of 2,615 patients and 53,940 hospital days from 1930. The sanatoria showed an increase of 856 patients and 12,123 hospital days over 1930. This gives a net decrease of 1,759 patients and 41,817 hospital days as compared with 1930. The number of patients cared for in all the hospitals in 1931 was 58,759, and the number of hospital days was 925,470.

One person in 15.9 or 6.4% of our population had hospital treatment in 1931, and every day an average of 161 patients was admitted to our hospitals. Each patient remained in hospital for an average of 13 days (excluding sanatoria). The average day's stay in union hospitals was 11.6.

Every day in 1931 there was an average of 2,609.5 patients in our hospitals. This was a decrease of 114.6 from the 1930 daily average. Each bed accommodated for the year an average of 14.8 patients, and an average of 66.2% of the bed capacity was occupied daily.

The three sanatoria, Fort Qu'Appelle, Prince Albert and Saskatoon, cared for 2,124 tuberculous patients, 1,831 being pulmonary and 293 other forms of the disease. Of these 567 were treated for at least part of the time in other hospitals.

The nurses' training schools remained as in the past three years at 16, and from these 198 nurses graduated during the year, and 621 nurses were in training; 389 graduate nurses were employed in all the hospitals. Seven of the hospitals had affiliation with other hospitals for the training of their pupil nurses.

Eight hospitals employed a full-time dietitian and four had a dietitian for part of the year.

In 28 hospitals pasteurized milk only is being used. In some of the other hospitals this is not available.

Twenty-one hospitals have some kind of liability insurance. Fifty-three hospitals do the laundry in the institutions and only eleven send it out. Hospital internes are employed in eight hospitals.

In 1931 6,518 maternity cases were cared for in the hospitals as compared with 6,858 cases in 1930. This is a decrease of 340 from 1930. In the same period the number of living births for the whole province decreased by 784.

Maternity cases comprised 11.1% of total admissions. Of the maternity cases treated in hospital 1,586 cases were cared for in the 20 union hospitals, which means that 24.3% of the total maternity cases were cared for in the union hospitals although the Union Hospitals had only 12.2% of the total bed capacity. Maternity cases comprised 14.1% of the 11,281 patients admitted to the union hospitals, and 33.2% of the cases were operative. With 6,296 living births in hospitals there were 23 maternal deaths. This is a maternal death rate of 3.7 per 1,000 living births, as compared with a general maternal death rate of 4.4 for the whole province. This is the lowest maternal death rate in hospitals for the last ten years. The total number of living births in Saskatchewan in 1931 was 21,267 so that one in every 3.4 or 29.6% of the total births took place in a government aided hospital. In all hospitals 23,115 cases or 39.3% of the total cases were operative.

15,548 anaesthetics were administered and five deaths resulted from these; 139 autopsies were performed, and 41 medical, 78 surgical and 21 obstetrical infections developed in the hospitals.

In 1931, 768 cases of communicable disease other than tuberculosis were treated in the isolation hospitals. Of the other cases, 230 were goitre, 440 were cancer and 299 cases of venereal disease were treated.

The use of laboratory facilities still shows an increase. There were 105,445 laboratory examinations made in 1931 as compared with 104,312 in 1930, an increase of 1,133 or 1.8%.

The use of X-ray also shows an increase. There were 35,279 X-ray examinations in 1931 as compared with 23,896 in 1930, an increase of 11,383 or 47.6%. This increase in laboratory and X-ray examinations, notwithstanding the decrease in the number of patients, is striking, and shows that these facilities are being used more each year for diagnostic purposes.

In 1931 there were 4,981 Wassermann blood tests made on hospital patients, an increase of 146 over 1930. This means that Wassermann tests were made on 8.6% of the patients admitted.

The deaths in our hospitals in 1931 were, as in 1930, 3.3% of the total admissions.

The value of buildings including equipment at the end of 1931 was $9,647,219.55 being an increase in valuation of $470,766.18 over 1930.

The earnings of all hospitals amounted to $2,970,124.63 of which $2,034,541.86 were patients' fees and $618,990.00 was paid by the provincial Government in the form of hospital grants. In other words the government paid $1,695.86 a day which was equivalent to $10.53 for each patient admitted in 1931. In the case of the sanatoria the government grant amounted to $293,381.00 and was equivalent to $53.39 for each person admitted.

The Relief Commission announced in November that from November 16, 1931, to April 15, 1932, both dates inclusive, they would pay a grant to the hospitals on account of patients who reside in the relief area. The amount of the grant would be 50c per patient per day for those patients from "A" area, and 25c per patient per day for the patients from "B" and "C" areas. The amount of relief grant earned by the hospitals up to and including December 31, 1931, was $10,268.00. This was in addition to the regular hospital grant.

he total operating expenditure was $2,738,474.93 and capital expenditure was $170,252.33.

The average cost per patient per day for all hospitals was $2.96 as compared with $3.10 in 1930. In the union hospitals it was $2.65 as compared with $3.15 in 1930. The highest operating cost was at Melville where the cost was $5.78 per day. Ponteix was second with $5.51 per day. Four hospitals were below $2.00 per day, viz: Biggar $1.29, Wakaw $1.76, Wadena $1.92 and Tisdale $1.94.

The operating cost per patient per day for the three sanatoria was $2.66 and for all the other hospitals omitting the sanatoria, was $3.09.

The average cost per bed per day for maintenance was $1.97.

The average cost of laundry per bed for the 53 hospitals reporting laundry costs was $22.91.

The secretary is bonded in twenty-nine hospitals.

The schedule of charges varies greatly as shown below:

Private ward	$2.00 to $ 7.00
Semi-private ward	2.50 to 4.50
Public ward	1.00 to 4.50
Case room	2.50 to 10.00
Operating room	2.00 to 15.00
X-ray	1.00 to 35.00
Isolation	1.00 to 6.00
Laboratory	0.50 to 10.00

The average operating costs were apportioned as follows:

	All Hospitals					Union Hospitals				
	1927	1928	1929	1930	1931	1927	1928	1929	1930	1931
For salaries	37%	36%	37%	40%	39%	44%	45%	45%	48%	47%
Food and provisions	24%	24%	22%	21%	20%	21%	21%	21%	20%	19%
Power, light, fuel,	11%	11%	11%	12%	12%	11%	11%	11%	11%	12%
Medical and surgical supplies	8%	9%	11%	8%	7%	7%	7%	8%	8%	7%
Laundry	3%	4%	3%	3%	3%	4%	4%	3%	3%	3%
Upkeep of grounds, buildings, etc.	6%	6%	6%	5%	10%	5%	4%	4%	3%	5%
Misc. expenses	11%	10%	10%	11%	9%	8%	8%	8%	7%	7%

On April 21, 1931, the Municipal Department passed an Order in Council to come into effect on May 1st, bringing the provisions of Section 226 of *The Rural Municipality Act* into effect insofar as the Province of Manitoba is concerned, in as much as Manitoba had passed legislation similar in effect to apply to Saskatchewan. This provides that if an indigent patient who has established a thirty-day residence in Saskatchewan is admitted to a government-aided hospital in another province, the council of the municipality shall pay to the hospital board its charges for the care and treatment of such person not exceeding $2.00 per day of his stay in the hospital.

PRIVATE HOSPITALS AND NURSING HOMES

All private hospitals and nursing homes were inspected during the year by public health nurses and the license to conduct same was issued upon receipt of a satisfactory report.

Private Hospitals reporting for 1931 were as follows:

Place	No. of Beds	No. of Patients Admitted	No. of Maternity Cases
Alsask	10	219	33
Climax	9	18 from Aug. 1931	3
Cupar	14	82	16
Cutknife	6	94	26
Eastend	6	37	18
Herbert	5	32	14
Lake Lenore	13	47	7
Maidstone	6	139	26
Quill Lake	5	48	11
Shaunavon	10	86	30
Strasbourg	5	58	2
Turtleford	9	91	24
Watrous	12	120	17
	110	1071	227

Eight of the private hospitals listed were conducted by graduate nurses.

Nursing Homes were reported at Abernethy, Avonlea, Cadillac, Canwood, Chaplin, Constance, Delisle, Estevan, Hudson Bay Junction, Kisbey, LaFleche, Leask, Lintlaw, Morse, McCord, Naicam, Nokomis, Pangman, Regina (3), Ridgedale, Saskatoon (4), Shaunavon, Star City, Stoughton, Strasbourg, Swift Current (2), Wolseley. This list represents a total of 152 beds with 911 patients cared for during the year, of which 606 were maternity cases.

Eleven of the nursing homes listed were conducted by graduate nurses.

Twenty-eight infirm and aged cases were cared for at St. Hubert's Mission, Joan of Arc Home, near Whitewood.

H. TABLE I—NURSING STATISTICS OF SASKATCHEWAN HOSPITALS, 1931.

Hospitals	Bed Capacity				Number of patients treated	Total number of hospital days	Average days stay in hospital	Average number of patients in hospital daily	Number of doctors practising in hospital	Medical staff	Staff meetings	Internes	Nursing Staff				Nurses training school	Number of nurses grad. during the year	Affiliation with other hospitals for nurses training	Dietitian	Liability Insurance	Is secretary treasurer bonded?	Has hospital a separate nurses home?	Is laundry done in hospital or sent out?	Have you bylaws and regulations governing hospital?	Outpatient department	Number of outpatients
	General	Isolation	Tuberculosis	Total									Graduate Nurses	Pupil Nurses	Other Attendants M	Other Attendants F											
Arcola, Brock Union	13	..	..	13	354	3,286	9.3	9.0	2	..	..	..	4	..	1	..	..	..	....	..	..	..	..	In	....	..	....
Assiniboia Union	16	..	..	16	632	5,287	8.4	14.5	3	..	..	..	5	..	1	..	..	..	....	..	Yes	Yes	Yes	In	....	..	....
Biggar, St. Margaret's	27	7	2	36	562	5,439	9.7	14.9	3	Yes	6	..	3	..	..	8	..	..	....	..	..	..	..	In	Yes	..	....
Cabri Union	14	..	..	14	368	4,020	10.9	11.0	3	..	..	..	4	..	..	..	..	..	....	..	..	Yes	Yes	In	....	..	....
Canora H.W. Memorial	46	4	..	50	534	5,351	10.0	14.7	3	Yes	5	..	4	..	1	4	..	..	....	..	Yes	..	Yes	In	Yes	..	....
Central Butte Victorian	9	2	..	11	132	1,476	11.2	4.0	1	..	..	..	2	..	1	1	..	..	....	..	..	..	..	Out	Yes	..	....
Cudworth St. Michael's	22	2	2	26	308	3,107	10.1	8.2	2	Yes	12	..	3	..	..	2	..	..	....	..	..	..	Yes	In	Yes	..	....
Davidson Union	12	1	1	14	270	2,575	9.5	7.1	3	Yes	12	..	4	..	1	1	..	..	....	..	Yes	..	..	Out	Yes	..	....
Dodsland Association	25	4	..	29	341	4,855	14.2	13.3	1	..	..	..	2	..	..	3	..	..	....	..	..	Yes	..	Out	Yes	..	....
Eatonia Union	10	2	..	12	322	3,748	11.6	10.3	1	..	..	..	3	..	1	3	..	..	....	..	..	Yes	..	In	Yes	..	....
Edam Union	13	..	..	13	355	4,784	13.5	13.1	3	..	..	..	4	..	..	..	..	..	....	..	..	..	..	In	Yes	..	....
Elrose Community	9	4	..	13	145	1,195	8.2	3.3	1	..	..	..	2	..	1	1	..	..	....	..	..	..	..	In	Yes	Yes	....
Estevan	38	..	..	38	783	7,563	9.7	20.7	3	Yes	9	..	2	15	..	..	Yes	6	Yes	..	Yes	..	..	In	Yes	..	....
Eston Union	25	3	2	30	543	5,654	10.4	15.5	2	..	..	..	5	..	..	..	..	..	....	..	Yes	Yes	Yes	Out	Yes	..	....
Fort Qu'Appelle San	..	5	309	314	2,168	113,683	64.5	382.9	5	..	..	1	22	..	..	33	..	..	....	Yes	..	Yes	Yes	In	Yes	..	....
Frontier Community	12	..	..	12	130	1,250	9.6	3.4	1	..	..	..	2	..	..	..	..	..	....	..	..	..	..	In	....	..	....
Grav'b'g St. Joseph's	47	3	8	58	619	8,564	13.8	23.5	8	..	..	..	5	10	2	6	Yes	1	Yes	..	..	..	..	In	Yes	..	....
Gull Lake Union	12	2	..	14	380	3,887	10.2	10.6	2	Yes	4	..	4	..	1	1	..	..	....	..	..	Yes	Yes	In	Yes	..	....
Hafford	26	3	..	29	525	5,250	10.0	14.4	1	..	..	..	4	..	..	..	..	..	....	..	..	..	Yes	In	....	Yes	....
Humb't St. Elizabeth's	52	11	5	68	1,296	13,699	10.6	37.5	7	Yes	6	..	9	14	1	2	Yes	11	....	Part time	..	..	Yes	In	Yes	..	....
Indian Head Union	25	5	..	30	489	5,803	11.9	15.9	2	..	..	..	5	..	1	4	..	..	....	..	Yes	Yes	Yes	In	Yes	..	....
Ile a la Crosse	25	..	..	25	166	2,206	13.3	6.0	1	..	..	..	2	..	..	2	..	..	....	..	..	..	..	Out	Yes	Yes	....
Kamsack	18	8	1	27	293	2,243	7.7	6.1	4	Yes	2	..	3	..	..	3	..	..	....	..	..	..	..	In	Yes	..	....
Kerrobert Union	40	6	..	46	947	11,942	12.6	32.7	3	..	..	..	9	..	..	2	..	..	....	..	Yes	Yes	Yes	Out	Yes	..	....
xKincaid Community	9	1	1	11	20	140	7.0	8.2	1	..	..	..	3	..	..	..	..	..	....	..	..	..	..	In	Yes	..	....
Kindersley Union	26	4	..	30	839	8,898	10.6	24.4	3	..	..	..	6	..	..	2	..	..	....	..	Yes	Yes	..	In	Yes	..	....
Lampman Union	14	1	..	15	457	3,512	7.7	9.6	1	..	..	..	3	..	..	1	..	..	....	..	..	..	..	In	Yes	Yes	116
Lashburn Union	17	1	2	20	575	7,508	13.1	20.6	2	Yes	12	..	6	..	..	..	..	..	....	..	Yes	Yes	Yes	In	Yes	..	....
aLloydminster Union	38	2	2	42	1,137	14,044	12.4	38.5	5	Yes	12	..	9	..	6	9	..	..	....	..	..	Yes	Yes	In	Yes	..	....
Macklin St. Joseph's	36	4	2	42	873	8,990	10.3	24.6	4	Yes	5	..	3	11	..	..	Yes	..	Yes	..	Yes	..	Yes	In	Yes	..	....
Maple Creek General	24	5	1	30	527	5,153	9.9	14.1	2	Yes	6	..	3	8	2	2	Yes	4	Yes	..	..	..	Yes	Out	Yes	Yes	132
Melfort Lady Minto	20	6	1	27	588	6,342	10.8	17.4	4	..	..	..	5	..	1	4	..	..	....	..	..	..	Yes	In	Yes	..	....
Melville Municipal	16	4	..	20	340	2,570	7.6	7.0	5	..	..	..	3	..	..	..	..	..	....	..	..	Yes	Yes	In	Yes	..	....
Milden Community	13	..	..	13	223	2,237	10.0	6.1	2	..	..	..	3	..	1	1	..	..	....	..	..	Yes	..	In	....	..	....
Moose Jaw General	141	24	15	180	2,721	45,647	16.8	125.1	23	Yes	10	2	8	51	3	..	Yes	16	....	Yes	..	Yes	Yes	Out	Yes	Yes	46
Moose Jaw Providence	90	..	30	120	1,031	23,367	22.7	64.0	23	Yes	9	..	10	33	2	..	Yes	3	....	Yes	..	..	..	In	Yes	..	....
Moosomin General	14	..	..	14	372	4,154	11.2	11.4	8	Yes	2	..	4	..	1	2	..	..	....	..	..	Yes	Yes	In	Yes	..	....
N. Battleford N.D.	55	..	3	58	1,285	13,675	10.6	37.5	9	Yes	3	..	9	..	3	16	..	..	....	..	Yes	..	..	In	Yes	..	....
Oxbow Community	9	1	..	10	204	1,784	8.7	4.9	3	..	..	..	2	..	1	1	..	..	....	..	..	..	..	Out	Yes	..	....
Ponteix Gabriel	27	3	..	30	189	2,057	10.9	5.6	2	..	..	..	3	..	..	1	..	..	....	..	..	..	..	In	....	Yes	1
Prelate St. Josephs	30	..	..	30	447	3,080	6.9	8.4	4	..	..	..	2	..	1	9	..	..	....	..	..	..	..	In	Yes	..	....
P. Albert Holy Fam	62	..	10	72	1,904	24,276	12.8	66.5	12	Yes	4	..	12	22	5	17	Yes	11	....	..	Yes	..	Yes	In	Yes	..	....

H. TABLE 1—NURSING STATISTICS OF SASKATCHEWAN HOSPITALS. 1931—*Continued.*

Hospitals	Bed Capacity				Number of patients treated	Total number of hospital days	Average days stay in hospital	Average number of patients in hospital daily	Number of doctors practising in hospital	Medical staff	Staff meetings	Internes	Nursing Staff				Nurses training school	Number of nurses grad. during the year	Affiliation with other hospitals for nurses training	Dietitian	Liability Insurance	Is secretary treasurer bonded?	Has hospital a separate nurses home?	Is laundry done in hospital or sent out?	Have you bylaws and regulations governing hospital?	Outpatient department	Number of outpatients
	General	Isolation	Tuberculosis	Total									Graduate Nurses	Pupil Nurses	Other Attendants M	Other Attendants F											
Prince Albert Victoria	52	20	..	72	1,022	18,998	18.6	52.0	12	Yes	..	..	6	24	1	..	Yes	14	....	Part time	Yes	Yes	Yes	In	Yes	Yes	900
Prince Albert San	..	2	234	236	1,411	81,547	170.4	225.3	4	..	..	2	14	..	11	25	..	..	....	Yes	..	Yes	Yes	In	Yes	..	....
Regina General	321	60	34	415	6,451	90,121	14.0	246.9	61	Yes	12	7	23	102	15	..	Yes	44	....	Yes	..	Yes	Yes	In	Yes	..	....
Regina Grey Nuns	190	10	25	225	2,755	37,643	13.7	103.1	53	Yes	10	1	9	76	4	..	Yes	21	Yes	Yes	..	..	Yes	In	Yes	..	....
Rosetown Union	44	1	..	45	918	14,057	15.3	38.5	6	..	..	..	11	..	..	..	..	..	....	..	Yes	Yes	Yes	In	Yes	..	....
Rosthern St. John's	18	2	..	20	374	2,907	7.8	8.0	3	Yes	5	..	2	..	1	2	..	..	....	..	..	..	..	In	....	..	....
Rouleau Community	10	2	..	12	125	1,208	9.7	3.3	5	..	..	..	2	..	..	..	..	..	....	..	..	..	..	In	Yes	..	....
Saskatoon City	217	28	..	245	4,239	70,039	16.5	192.0	53	Yes	7	2	14	114	7	..	Yes	30	....	Yes	..	Yes	Yes	In	Yes	..	....
Saskatoon St. Paul's	214	30	27	271	3,657	58,157	15.9	159.3	55	Yes	9	2	11	100	18	47	Yes	20	....	Part time	Yes	..	Yes	In	Yes	..	....
Saskatoon San	..	..	165	165	1,916	64,871	41.1	195.8	4	..	..	2	18	..	..	17	..	..	....	Yes	..	Yes	Yes	In	Yes	..	....
Scott, St. Francis	19	1	..	20	315	3,211	10.2	8.8	1	..	..	..	3	..	1	4	..	..	....	..	..	..	Yes	In	Yes	..	....
Shaunavon Union	30	4	1	35	862	10,322	12.0	28.3	3	..	..	..	7	..	1	3	..	..	....	..	Yes	Yes	Yes	In	Yes	..	....
Swift Current General	31	15	4	50	834	9,352	11.2	25.6	6	Yes	6	..	4	12	..	..	Yes	6	....	Part time	..	Yes	Yes	Out	Yes	..	....
Tisdale, St. Therese	48	4	..	52	933	11,137	11.9	30.5	4	Yes	3	..	6	..	2	11	..	..	....	..	..	..	Yes	In	Yes	..	....
Tuxford Community	10	..	..	10	64	887	13.9	2.4	1	..	..	..	2	..	..	..	..	..	....	..	..	..	..	In	Yes	..	....
Unity Union	35	..	6	41	506	5,958	11.8	16.3	4	..	..	..	4	..	2	3	..	..	....	..	Yes	Yes	Yes	In	Yes	..	....
Vanguard Union	12	2	..	14	252	2,700	10.7	7.4	1	..	..	..	3	..	1	..	..	..	....	..	..	Yes	..	Out	....	..	....
Wadena Union	24	2	..	26	747	10,352	13.9	28.4	4	..	..	..	7	..	..	..	..	..	....	..	Yes	Yes	Yes	In	Yes	..	....
Wakaw Anna Turnbull	19	3	3	25	572	5,324	9.3	14.6	3	..	..	..	3	..	2	5	..	..	....	..	..	..	..	In	....	Yes	....
Weyburn General	46	..	4	50	761	8,453	11.1	23.2	4	Yes	6	..	3	12	1	..	Yes	6	Yes	..	..	..	..	In	Yes	..	....
Wilkie Union	12	..	..	12	328	3,248	9.9	8.9	2	..	..	..	4	..	..	..	..	..	....	..	..	Yes	Yes	In	Yes	..	....
Yorkton Queen Victoria	68	10	4	82	1,159	11,854	10.2	32.5	7	Yes	9	..	4	17	..	..	Yes	5	Yes	..	Yes	Yes	Yes	In	Yes	..	....
Regina Jr. Red Cross	30	..	..	30	249	6,418	25.7	17.6	..	..	..	..	3	..	..	2	..	..	....	..	Yes	..	..	Out	....	..	....
Red Cross Outposts	102	..	..	102	1,915	19,405	10.1	53.2	14	..	..	..	20	..	..	..	..	..	....	..	Yes	..	..	In	....	..	....
	2,729	324	904	3,957	58,759	952,470	16.2 or excluding San. 13.0	39.5 or 2609.5 in all		27	186	19	389	621	105	259	16	198	7	8 full time 4 part time	21	29	36	54 in 12 out	54	9	1,195

x Kincaid Hospital opened December 14th, 1931.
a Lloydminster Hospital; Sask. patients 460· Sask. days 5,611.

Hospital days of outpatients of Sanatoria were considered in hospital in which they have received treatment.

H. TABLE II—NURSING STATISTICS OF SASKATCHEWAN HOSPITALS, 1931.

Hospitals	Number of maternity cases cared for	Percentage maternity cases to total number of admissions	Number of living births	Number of multiple births	Percentage of living births to number of cases	Number Abortions		Tuberculosis			Number communic'ble disease cases treated except typhoid & T.B.	Number of typhoid cases treated	Number of cases treated in isolation hospital	Number of cardiac disease cases treated	Number of cases of rheumatism treated	Number of cases of cancer treated	Number of cases of goitre treated	Number of cases of venereal dis. treated	Surgical Operations					
						Operative	Non-Operative	Pulmonary	Other forms	Total									Abdominal	Gynecological not including curettages	Curettages	Amputations	General	Total
Arcola Brock Union	30	8.5	30	1	96.8	..	1	4	1	5	...	..	....	5	1	3	..	1	70	3	7	6	112	198
Assiniboia Union	68	10.8	67	1	97.1	22	5	1	..	1	2	4	....	3	4	3	..	..	135	17	22	9	159	342
Biggar St. Margaret's	44	7.8	43	..	97.7	..	..	8	1	9	....	5	....	6	8	..	..	4	14	2	7	6	122	151
Cabri Union	49	13.3	48	..	97.9	3	2	2	..	2	5	..	....	10	3	2	..	1	58	2	5	1	111	177
Canora H.W. Memorial	70	13.1	66	..	94.3	16	5	4	1	5	17	..	1	13	6	1	4	4	64	4	16	3	123	210
Central Butte Victorian	33	25.0	32	..	97.0	2	2	....	..	....	....	..	....	3	1	..	..	..	5	....	2	1	4	12
Cudworth St. Michael's	36	11.7	36	1	97.3	..	2	1	..	1	....	..	....	11	5	..	..	6	7	2	....	..	24	33
Davidson Union	60	22.2	58	..	96.7	..	1	....	1	1	1	..	1	..	2	3	..	..	25	3	5	1	79	113
Dodsland Association	75	22.0	75	2	97.4	..	3	....	..	....	....	1	....	4	2	..	1	..	25	10	1	2	26	64
Eatonia Union	51	15.8	50	..	98.0	..	..	....	..	....	2	..	2	3	8	1	..	..	5	3	....	..	12	20
Edam Union	79	22.3	77	2	95.1	..	5	....	1	1	....	..	....	..	2	2	..	5	19	....	....	..	11	30
Elrose Community	32	22.1	31	..	96.9	1	3	....	..	....	1	..	1	..	..	..	..	1	11	....	2	..	23	36
Estevan	63	8.0	66	3	100.0	16	10	1	..	1	....	2	....	5	4	4	6	1	107	9	35	6	465	622
Eston Union	63	11.6	59	..	93.7	2	5	....	5	5	....	..	....	3	3	..	1	1	34	5	12	..	98	149
Fort Qu'Appelle San	5	0.2	5	..	100.0	1	..	630	134	764	6	..	6	2	..	3	1	5	3	1	1	..	27	32
Frontier Community	24	18.5	23	..	95.8	..	..	....	..	....	....	1	....	5	2	..	1	..	16	1	3	1	28	49
Gravelbourg St. Joseph's	56	23.5	52	2	89.7	1	4	1	3	4	7	1	4	4	3	4	2	9	112	16	14	1	182	325
Gull Lake Union	79	20.8	75	1	93.8	1	4	1	1	2	13	2	1	6	3	4	..	..	37	1	4	..	81	123
Hafford	65	12.4	59	..	90.8	16	4	1	2	3	5	..	5	9	8	4	..	2	53	8	16	6	83	166
Humboldt St. Elizabeth	97	7.5	94	1	95.9	7	6	6	6	12	90	1	24	11	10	10	2	3	155	19	17	14	186	391
Indian Head Union	54	11.0	54	2	96.4	2	..	....	..	....	....	7	1	3	2	2	8	..	140	....	8	2	112	262
Ile a la Crosse	21	12.7	20	..	95.2	..	..	2	9	11	25	..	....	2	3	..	..	2	....	....	....	..	.....	.....
Kamsack	24	8.2	23	1	92.0	5	2	1	1	2	1	..	....	2	3	5	1	..	37	9	5	5	84	140
Kerrobert Union	128	13.5	126	1	97.7	14	6	....	4	4	24	3	8	7	14	3	6	3	124	9	20	4	202	359
Kincaid Community	6	30.0	6	..	100.0	..	..	....	..	....	....	..	....	..	..	..	..	..	3	....	....	..	4	7
Kindersley Union	73	8.7	73	1	98.6	6	5	....	..	....	5	..	5	..	2	1	..	..	111	3	14	..	182	310
Lampman Union	75	16.2	74	1	97.4	..	4	5	1	6	....	..	....	4	3	3	..	..	51	4	5	..	38	98
Lashburn Union	66	11.5	66	..	100.0	..	3	....	..	....	1	..	3	18	5	..	1	3	37	3	6	..	37	83
Lloydminster Union	181	15.8	183	4	98.9	16	1	....	3	3	5	2	4	9	6	1	..	..	84	6	16	13	147	266
Macklin St. Joseph's	115	13.2	110	1	94.8	22	5	2	1	3	21	3	21	20	13	7	3	3	58	8	8	5	150	229
Maple Creek General	81	15.4	77	1	93.9	16	2	2	1	3	9	..	10	6	7	3	..	3	38	7	19	6	153	223
Melfort Lady Minto	57	9.7	57	2	96.6	18	..	1	2	3	3	..	3	5	1	3	..	..	114	38	18	7	77	254
Melville Municipal	42	12.4	40	..	95.2	10	1	1	..	1	1	..	2	2	3	1	1	..	25	3	10	4	74	116
Milden Community	26	11.7	25	..	96.2	..	3	....	2	2	1	..	....	4	2	1	2	..	20	4	3	3	43	73
Moose Jaw General	295	10.8	285	1	96.3	71	12	37	10	47	183	9	194	17	5	21	11	28	291	28	71	23	789	1,202
Moose Jaw Providence	112	10.9	110	2	96.5	..	2	69	18	87	38	2	....	10	9	7	4	12	100	3	15	4	171	293
Moosomin General	32	8.6	30	2	88.3	8	..	....	2	2	....	..	....	4	3	3	..	1	95	7	8	2	108	220

H. TABLE II—NURSING STATISTICS OF SASKATCHEWAN HOSPITALS, 1931—*Continued.*

Hospitals	Number of maternity cases cared for	Percentage maternity cases to total number of admissions	Number of living births	Number of multiple births	Percentage of living births to number of cases	Number Abortions		Tuberculosis			Number commnic'ble disease cases treated except typhoid & T.B.	Number of typhoid cases treated	Number of cases treated in isolation hospital	Number of cardiac disease cases treated	Number of cases of rheumatism treated	Number of cases of cancer treated	Number of cases of goitre treated	Number of cases of venereal dis. treated	Surgical Operations					
						Operative	Non-Operative	Pulmonary	Other forms	Total									Abdominal	Gynecological not including curettages	Curettages	Amputations	General	Total
N. Battleford Notre Dame	178	13.9	175	4	96.2	..	8	5	6	11	5	2	....	11	8	4	..	4	112	13	7	..	268	400
Oxbow Community	25	12.3	25	..	100.0	4	1	....	1	1	3	..	....	..	..	2	..	1	35	2	4	1	30	72
Ponteix Gabriel	31	16.4	29	..	93.5	..	1	1	..	1	....	2	....	4	3	2	..	..	22	....	2	2	23	49
Prelate St. Joseph's	38	8.5	36	1	92.3	8	..	....	1	1	1	2	....	5	5	1	..	..	60	5	7	1	1	74
Prince Albert Holy Family	172	9.0	164	1	94.8	5	8	25	3	28	12	15	....	30	18	18	2	10	200	3	11	5	402	621
Prince Albert Victoria	136	13.3	125	2	90.6	8	2	1	1	2	24	4	24	16	1	7	3	..	116	7	26	6	363	518
Prince Albert San	....	....	....	..	....	..	..	656	74	730	....	..	....	33	13	..	6	10	1	....	....	1	2,614	2,616
Regina General	667	10.3	649	15	95.2	170	29	94	27	121	217	10	217	45	16	140	36	33	996	550	330	39	1,799	3,714
Regina Grey Nuns	324	11.7	314	7	94.9	..	..	8	5	13	22	6	16	18	12	16	8	15	262	64	59	13	717	1,115
Rosetown Union	134	14.6	130	3	94.9	16	6	1	..	1	....	..	....	10	7	6	..	..	124	5	24	1	133	287
Rosthern St. John's	55	14.7	48	1	85.7	2	1	....	2	2	4	3	4	2	2	..	2	1	30	....	6	..	30	66
Rouleau Community	20	16.0	18	..	90.0	1	1	1	..	1	....	..	....	2	..	1	..	..	18	2	6	4	33	63
Saskatoon City	442	10.4	418	6	93.3	62	51	15	4	19	89	5	89	49	68	58	12	51	391	190	116	21	816	1,534
Saskatoon St. Paul's	312	8.5	303	2	96.2	48	17	64	16	80	36	8	84	54	12	16	78	25	803	120	40	45	778	1,786
Saskatoon San	2	0.1	1	..	50.0	..	..	545	85	630	6	..	6	29	1	..	5	14	....	....	....	..	106	106
Scott St. Francis	68	21.6	61	2	87.1	..	4	....	..	....	3	..	....	5	5	1	..	..	16	....	2	2	35	55
Shaunavon Union	99	11.5	96	1	96.0	22	2	....	1	1	7	1	3	4	5	9	4	10	183	59	26	5	112	385
Swift Current General	116	13.9	107	..	92.2	7	14	10	2	12	7	2	11	7	15	5	4	9	71	19	9	..	82	181
Tisdale St. Therese	102	10.9	96	1	93.2	16	1	....	2	2	2	..	1	6	14	10	1	2	127	65	22	11	154	379
Tuxford Community	13	20.3	13	..	100.0	..	1	....	..	....	....	..	....	2	1	..	..	..	3	2	....	1	17	23
Unity Union	83	16.4	81	..	97.6	11	2	....	..	....	2	4	2	1	3	..	..	..	49	2	20	3	61	135
Vanguard Union	42	16.7	41	1	95.3	10	2	....	1	1	....	2	....	1	..	4	..	..	33	....	13	..	24	70
Wadena Union	95	12.7	95	3	95.9	2	20	1	..	1	7	9	2	12	7	8	1	..	106	5	9	5	151	276
Wakaw Anna Turnbull	82	14.3	80	..	97.6	10	2	....	..	....	18	3	3	5	5	3	6	2	25	6	14	2	103	150
Weyburn General	97	12.7	87	1	88.8	20	7	4	2	6	3	3	....	8	3	4	1	4	156	35	36	4	97	328
Wilkie Union	77	23.5	72	..	93.5	1	..	1	1	2	3	..	....	4	2	..	..	1	38	4	1	3	18	64
Yorkton Queen Victoria	128	11.0	122	2	93.8	6	11	9	4	13	10	..	10	18	14	9	5	5	154	5	23	4	215	401
Regina Jr. Red Cross	....	....	....	..	....	..	..	....	..	....	2	..	....	..	1	..	..	..	....	....	....	..	26	26
Red Cross Outposts	513	26.8	505	5	97.5	37	12	5	2	7	1	14	....	28	17	11	1	4	26	4	37	12	164	243
	6,518	11.1	6,296	91	95.3	742	311	2,226	450	2,676	950	138	768	625	414	440	230	299	6,440	1,405	1,245	326	13,699	23,115

H. TABLE III—NURSING STATISTICS FOR SASKATCHEWAN HOSPITALS, 1931.

Hospitals	Number of general anaesthetics given	Number of autopsies held	Number of laboratory examinations	Number of X-ray examinations	Number of Wassermann taken in hospital	Pasteurized milk supply	Water supply tested bacteriologically	Infections developed in hospital				Deaths											
												Obstetrical											
								Medical	Surgical	Obstetrical	Total	Mother	New born	Still born	Premature	Number of deaths from anaesthetics	Number of deaths from communicable disease	Number of deaths from cancer	Number of deaths within 10 days from surgical operation	Perce'tage of deaths from op. to total number of operat'ns	Percentage of total deaths to total admissions	Number of deaths within 48 hours after admission	Total deaths
Arcola Brock Union	161	..	..	188	3	..	Yes	..	..	..	..	..	..	..	1	..	..	..	1	0.5	1.7	4	6
Assiniboia Union	315	..	50	....	3	..	Yes	..	....	..	..	..	..	2	..	..	1	2	3	0.9	2.4	2	15
Biggar St. Margarets	141	..	250	80	2	Yes	Yes	..	..	..	..	..	..	1	..	..	..	..	..	..	1.4	4	8
Cabri Union	134	2	500	153	1	..	..	..	2	1	3	..	..	1	1	1	..	1	..	..	3.0	6	11
Canora H.W. Memorial	130	..	350	86	20	..	Yes	..	..	..	..	..	2	4	..	..	4	..	2	1.0	3.6	6	19
Central Butte Victorian	15	..	450	..	..	..	Yes	..	..	..	..	..	..	1	1	..	..	..	2	16.7	2.3	3	3
Cudworth St. Michaels	30	1	260	62	50	..	Yes	..	..	..	..	..	1	..	1	..	..	..	..	..	4.9	3	15
Davidson Union	138	..	530	25	..	Yes	Yes	1	..	..	1	..	..	2	6	..	..	..	1	0.9	3.0	3	8
Dodsland Association	74	1	526	....	..	..	Yes	..	..	..	..	..	..	2	2	..	..	1	..	..	2.3	1	8
Eatonia Union	....	..	307	....	8	..	Yes	..	..	..	..	..	..	..	..	..	..	..	..	..	1.2	2	4
Edam Union	31	..	200	57	4	..	..	..	..	..	..	..	..	2	2	..	..	2	..	..	1.7	2	6
Elrose Community	36	3	....	....	..	..	Yes	..	..	..	..	..	3	1	2	..	1	..	1	2.8	5.5	3	8
Estevan	299	3	1,532	....	250	Yes	Yes	6	..	..	6	1	..	3	1	..	..	..	3	0.3	2.5	8	20
Eston Union	125	..	....	97	....	..	..	..	..	..	..	..	..	2	2	..	..	..	2	1.3	3.3	2	18
Fort Qu'Appelle San	5	4	8,423	4,134	451	Yes	Yes	6	..	..	6	..	..	..	..	..	..	1	1	3.0	3.9	1	62
Frontier Community	47	..	....	....	..	..	..	..	1	..	1	..	1	1	..	..	..	..	3	6.1	6.2	3	8
Gravelbourg St. Joseph's	295	3	690	415	2	..	Yes	..	..	..	..	1	2	2	5	..	11	1	5	2.8	4.2	9	26
Gull Lake Union	158	1	475	46	10	..	Yes	..	..	2	2	..	1	2	3	..	..	2	3	2.4	3.7	10	13
Hafford	171	1	263	77	18	..	Yes	..	..	..	..	..	..	3	3	..	1	2	10	6.0	5.1	12	22
Humboldt St. Elizabeth	343	2	749	320	52	..	Yes	..	..	..	..	1	1	3	4	..	9	5	13	3.3	3.1	7	40
Indian Head Union	249	1	614	102	2	..	Yes	..	..	..	..	1	..	3	3	..	..	1	3	1.1	4.1	8	20
Ile a la Crosse	....	..	216	....	..	Yes	Yes	1	..	..	1	..	..	1	..	..	..	..	..	..	6.6	2	11
Kamsack	120	2	250	25	5	..	Yes	..	..	..	..	..	..	2	2	..	..	..	1	0.7	1.4	2	4
Kerrobert Union	362	4	994	131	36	Yes	Yes	..	2	..	2	..	3	2	1	..	..	1	3	0.8	1.5	3	14
Kincaid Community	7	..	4	4	..	Yes	Yes	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kindersley Union	266	..	....	85	4	..	Yes	..	..	..	..	..	2	1	3	..	1	1	3	1.0	1.9	4	16
Lampman Union	90	..	338	36	132	..	Yes	..	..	..	..	..	1	1	1	..	..	2	1	1.0	1.5	..	7
Lashburn Union	63	..	500	109	6	..	Yes	..	..	..	..	..	..	2	1	..	..	..	4	4.8	2.3	2	13
Lloydminster Union	199	..	....	159	..	..	Yes	..	..	..	..	..	5	2	4	..	2	1	2	0.8	2.3	5	26
Macklin St. Joseph's	122	..	279	202	18	Yes	Yes	..	..	1	1	..	4	5	..	..	2	2	5	2.2	2.3	3	20
Maple Creek General	182	..	675	94	7	Yes	Yes	2	..	1	3	..	3	4	..	..	1	..	2	0.9	3.8	10	20
Melfort Lady Minto	233	..	17	26	4	Yes	Yes	..	..	..	..	..	2	2	4	1	1	3	2	0.8	3.6	15	21
Melville Municipal	116	..	....	50	..	..	Yes	..	..	..	..	..	1	2	..	..	..	..	3	2.6	4.1	8	14
Milden Community	106	..	2,030	250	50	..	Yes	..	..	..	..	..	..	1	..	..	..	..	1	1.4	1.8	..	4
Moose Jaw General	877	14	9,401	12,895	518	Yes	Yes	6	..	2	8	1	5	10	8	..	..	18	15	1.2	4.4	38	119
Moose Jaw Providence	293	2	2,925	668	219	Yes	Yes	..	..	..	..	..	1	2	..	..	6	2	4	1.4	3.6	9	37
Moosomin General	220	..	....	85	..	..	Yes	..	..	..	..	1	..	..	2	1	..	1	4	1.9	3.2	5	12

H. TABLE III—NURSING STATISTICS FOR SASKATCHEWAN HOSPITALS, 1931—*Continued.*

Hospitals	Number of general anaesthetics given	Number of autopsies held	Number of laboratory examinations	Number of X-ray examinations	Number of Wassermanns taken in hospital	Pasteurized milk supply	Water supply tested bacteriologically	Infections developed in hospital				Deaths											
												Obstetrical				Number of deaths from anaesthetics	Number of deaths from communicable disease	Number of deaths from cancer	Number of deaths within 10 days from surgical operation	Perce'tage of deaths from op. to total number of operat'ns	Percentage of total deaths to total admissions	Number of deaths within 48 hours after admission	Total deaths
								Medical	Surgical	Obstetrical	Total	Mother	Newborn	Stillborn	Premature								
North Battleford Notre Dame	377	10	1,220	222	22	Yes	Yes	..	..	2	2	..	5	7	2	..	2	4	10	2.5	3.3	17	42
Oxbow Community	61	..	104	27	4	Yes	Yes	..	..	..	..	..	..	..	..	..	..	..	1	1.4	1.0	1	2
Ponteix Gabriel	48	..	200	25	..	..	..	..	..	..	..	..	3	1	1	..	..	1	..	..	5.8	5	11
Prelate St. Joseph's	74	..	...	54	..	..	..	..	..	..	..	2	1	2	..	..	..	1	..	..	4.3	3	19
Prince Albert Holy Family	476	3	2,346	431	108	Yes	Yes	3	1	..	4	1	3	4	4	1	6	6	5	0.8	4.2	14	80
Prince Albert Victoria	350	2	1,961	593	80	Yes	Yes	..	..	6	6	..	1	11	..	..	..	3	3	0.6	3.6	8	37
Prince Albert San	1	5	6,915	2,054	877	Yes	Yes	..	..	..	..	..	..	..	..	..	..	..	..	..	2.8	1	39
Regina General	2,368	21	18,852	2,235	1,025	Yes	Yes	..	..	..	..	2	16	22	10	..	2	36	31	0.8	3.6	70	233
Regina Grey Nuns	827	9	6,477	1,153	170	..	Yes	..	..	..	..	..	3	6	7	..	..	6	16	1.4	3.2	19	90
Rosetown Union	269	..	127	94	..	..	Yes	..	13	3	16	3	3	7	1	..	..	1	10	3.5	4.4	9	40
Rosthern St. John's	54	3	...	...	..	..	..	..	..	..	..	..	..	4	5	..	..	..	3	4.5	3.5	6	13
Rouleau Community	44	..	...	5	..	..	Yes	..	..	..	..	..	1	2	1	..	..	..	1	1.6	8.0	4	10
Saskatoon City	973	..	7,094	1,376	158	Yes	Yes	..	..	..	..	3	13	19	12	..	2	13	..	..	3.7	..	157
Saskatoon St. Pauls	907	12	14,622	2,264	132	Yes	Yes	6	45	..	51	2	3	6	4	..	..	16	23	1.3	3.6	16	130
Saskatoon San	31	16	8,359	3,468	380	Yes	Yes	..	..	..	..	..	1	1	..	..	..	..	1	0.9	2.1	1	41
Scott St. Francis	26	..	25	...	..	Yes	Yes	..	..	1	1	..	5	1	1	..	..	1	..	..	3.7	4	12
Shaunavon Union	112	..	...	32	..	..	Yes	..	..	..	..	1	3	3	5	..	1	1	6	1.6	2.1	6	18
Swift Current General	109	6	1,037	104	10	Yes	Yes	1	2	..	3	..	5	9	2	..	..	2	8	4.4	5.5	9	46
Tisdale St. Therese	381	1	408	132	5	..	Yes	..	..	..	..	1	4	4	3	..	..	4	7	1.8	3.6	13	34
Tuxford Community	18	..	80	...	6	..	Yes	..	..	..	..	..	..	..	..	..	..	..	..	..	1.6	..	1
Unity Union	157	..	52	52	..	Yes	Yes	1	1	..	2	..	3	2	..	..	..	..	..	..	1.8	2	9
Vanguard Union	70	..	...	...	..	..	..	..	..	..	..	..	..	2	..	..	..	..	2	2.9	2.4	2	6
Wadena Union	228	..	25	182	12	..	Yes	6	..	..	6	..	3	3	..	1	1	5	9	3.3	4.3	10	32
Wakaw Anna Turnbull	224	..	550	50	6	Yes	Yes	1	..	1	2	1	3	2	4	..	4	..	..	..	3.5	9	20
Weyburn General	310	5	...	70	64	Yes	Yes	1	..	..	1	..	1	6	4	..	..	3	5	1.5	2.6	7	20
Wilkie Union	55	1	...	...	2	..	Yes	..	..	..	..	..	..	5	1	..	..	..	..	..	4.3	3	14
Yorkton Queen Victoria	479	1	1,193	...	29	Yes	Yes	..	11	1	12	1	1	8	1	..	1	3	11	2.7	5.6	28	65
Regina Junior Red Cross	...	..	...	...	11	Yes	Yes	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Red Cross Outposts	366	..	...	...	..	..	..	..	..	..	..	..	4	10	4	..	2	4	2	0.8	2.7	23	52
	15,548	139	105,445	35,279	4,981	28	57	41	78	21	140	23	123	216	135	5	55	159	257	1.1	3.3	495	1,945

H. Table IV—Operating Costs of Saskatchewan Hospitals, 1931.

Hospital	Cost per patient per day	Cost per Bed		Earnings per Bed		Percentage of Operating Costs paid for						
		Per year	Per day	Per year	Per day	Salaries	Food and provisions	Medical and surgical supplies	Fuel, light, power	Laundry	Upkeep buildings, grounds, Furniture etc.	Miscellaneous expenses
Arcola Brock Union	$2.74	$ 693.47	$1.90	$ 1,407.35	$3.86	57	18	6	7	..	1	11
Assiniboia Union	2.73	901.58	2.47	1,269.94	3.48	51	17	5	14	3	..	10
Biggar St. Margaret's	1.29	194.28	0.53	356.43	0.98	28	16	7	14	1	30	4
Cabri Union	2.94	846.19	2.31	1,608.72	4.41	46	18	11	14	..	5	6
Canora H.W. Memorial	3.46	370.16	1.01	362.00	0.99	54	11	8	18	1	4	4
Central Butte Victorian	2.65	355.64	0.97	353.31	0.97	43	23	7	9	9	6	3
Cudworth St. Michael's	2.23	266.00	0.73	587.40	1.61	62	14	3	10	2	6	3
Davidson Union	3.85	709.05	1.94	713.73	1.96	54	12	8	9	5	7	5
Dodsland Association	2.56	429.04	1.18	554.07	1.52	46	23	6	12	8	2	3
Eatonia Union	2.76	860.93	2.36	1,037.13	2.84	53	16	4	10	5	7	5
Edam Union	2.95	1,085.99	2.98	1,234.47	3.38	43	24	8	14	4	1	6
Elrose Community	2.40	220.72	0.60	256.69	0.70	54	19	6	7	1	8	5
Estevan	2.25	448.43	1.23	715.06	1.96	36	21	15	10	2	4	12
Eston Union	2.76	519.23	1.42	708.30	1.94	46	19	..	11	8	3	13
Frontier Community	2.53	263.66	0.72	350.47	0.96	65	18	2	13	..	..	2
Gravelbourg St. Joseph's	4.50	663.99	1.82	612.69	1.68	45	13	5	6	3	7	21
Gull Lake Union	2.52	699.89	1.92	959.16	2.63	47	22	12	12	..	3	4
Hafford	3.50	633.33	1.74	698.15	1.94	46	16	9	13	..	7	9
Humboldt St. Elizabeth	2.29	461.63	1.26	751.94	2.06	43	24	6	10	1	7	9
Indian Head Union	2.69	520.06	1.42	676.14	1.85	34	17	8	15	10	9	7
Ile a la Crosse	4.16	366.89	1.01	271.97	0.75	44	21	9	18	7	1	..
Kamsack	3.11	258.61	0.71	291.85	0.80	43	14	12	6	1	8	16
Kerrobert Union	2.47	641.26	1.76	779.50	2.14	42	21	9	11	7	4	6
Kindersley Union	2.74	812.18	2.23	946.54	2.59	48	17	6	12	1	7	9
Lampman Union	2.74	641.00	1.76	946.03	2.59	57	17	6	7	..	9	4
Lashburn Union	2.35	881.31	2.41	1,085.22	2.97	54	19	6	8	1	7	5
Lloydminster Union	2.36	789.68	2.16	892.37	2.46	52	20	5	14	1	3	5
Macklin St. Joseph's	2.61	559.11	1.53	1,072.95	2.94	22	21	9	10	6	14	18
Maple Creek General	3.64	625.35	1.71	676.22	1.85	30	28	15	10	9	1	7
Melfort Lady Minto	2.42	569.11	1.56	608.33	1.67	55	16	11	10	..	2	6
Melville Municipal	5.78	741.79	2.03	435.55	1.19	40	17	9	11	5	5	13
Milden Community	3.16	543.78	1.49	678.24	1.86	50	18	8	17	..	4	3
Moose Jaw General	2.61	661.11	1.81	748.41	2.05	35	26	12	11	5	7	4
Moose Jaw Providence	2.34	455.78	1.22	524.93	1.44	41	24	6	11	1	4	13
Moosomin General	2.78	825.05	2.26	928.28	2.54	44	18	12	13	3	7	3
North Battleford Notre Dame	2.69	633.62	1.74	814.49	2.23	45	22	7	8	3	9	6
Oxbow Community	2.93	523.55	1.43	572.32	1.57	49	19	6	7	9	2	8
Ponteix Gabriel	5.51	377.97	1.04	197.25	0.54	30	11	2	6	..	34	17

H. TABLE IV—OPERATING COSTS OF SASKATCHEWAN HOSPITALS, 1931—*Continued.*

Hospital	Cost per patient per day	Cost per Bed		Earnings per Bed		Percentage of Operating Costs paid for						
		Per year	Per day	Per year	Per day	Salaries	Food and provisions	Medical and surgical supplies	Fuel, light, power	Laundry	Upkeep buildings, grounds, Furniture etc.	Miscellaneous expenses
Prelate St. Joseph's	3.65	375.02	1.03	414.31	1.14	38	29	8	10	2	4	9
Prince Albert Holy Family	2.49	839.68	2.30	1,045.74	2.86	43	17	6	10	1	17	6
Prince Albert Victoria	3.13	824.83	2.26	845.45	2.32	37	18	10	10	4	15	6
Regina General	3.58	778.35	2.13	784.83	2.15	46	18	9	11	5	6	5
Regina Grey Nuns	3.64	609.18	1.67	571.23	1.57	51	18	2	12	1	7	9
Rosetown Union	2.39	746.97	2.04	883.68	2.42	45	19	8	16	4	6	2
Rosthern St. John's	2.31	335.38	0.92	723.76	1.98	42	23	4	14	1	10	6
Rouleau Community	2.52	253.83	0.70	145.33	0.40	53	28	8	8	1	1	1
Saskatoon City	3.27	936.08	2.56	872.96	2.39	31	19	10	14	6	14	6
Saskatoon St. Paul's	2.71	580.95	1.59	677.63	1.86	37	24	8	9	2	14	6
Scott St. Francis	2.72	436.94	1.20	501.85	1.37	41	19	3	9	3	18	7
Shaunavon Union	3.37	994.15	2.72	1,285.81	3.52	42	26	9	10	..	3	10
Swift Current General	3.23	604.68	1.68	611.34	1.67	36	19	6	20	8	8	3
Tisdale St. Therese	1.94	414.51	1.14	619.47	1.70	43	18	9	8	1	18	3
Tuxford Community	2.48	220.20	0.60	310.65	0.85	43	21	4	13	..	3	16
Unity Union	3.20	489.71	1.10	635.17	1.74	43	19	9	12	3	7	7
Vanguard Union	2.77	534.12	1.46	628.83	1.72	51	19	1	12	8	1	8
Wadena Union	1.92	765.61	2.10	859.67	2.36	50	14	11	7	3	5	10
Wakaw Anna Turnbull	1.76	375.57	1.03	401.14	1.10	51	16	9	8	..	11	5
Weyburn General	3.24	547.01	1.50	432.17	1.18	47	14	7	18	1	7	6
Wilkie Union	2.74	742.11	2.03	1,200.13	3.29	62	13	4	12	..	7	2
Yorkton Queen Victoria	2.36	341.42	0.94	266.31	0.73	35	18	7	22	2	3	13
Fort Qu'Appelle, Prince Albert, Saskatoon — Sanatoria	2.66	1,091.35	2.99	1,096.76	3.00	33	20	4	12	2	12	17
Average	$2.96	$718.27	$1.97	$778.74	$2.13	39	20	7	12	3	10	9

H. Table VIII—Comparative Statement of Earnings and Expenditures of Union Hospitals, 1931.

Hospital	Number of beds	Number of patients	Number of hospital days	Earnings	Expenditures			Total expenditures	Cost per patient per day	Amount in excess of average operating cost	Amount below average operating cost
					Operating	Maintenance	Administration				
Arcola Brock	13	354	3,286	$18,295.52	$ 7,681.54	$ 74.40	$ 1,262.91	$ 9,018.85	$2.74	$ 310.95	$ .....
Assiniboia	16	632	5,287	20,319.06	12,983.35	58.50	1,383.41	14,425.26	2.73	414.71	.....
Cabri	14	368	4,020	22,522.06	10,089.25	577.25	1,138.10	11,804.60	2.94	1,151.60	.....
Davidson	14	270	2,575	9,992.27	8,537.56	693.51	695.64	9,926.71	3.85	3,102.96	.....
Eatonia	12	322	3,748	12,445.50	8,537.05	727.37	1,066.70	10,331.12	2.76	398.92	.....
Edam	13	355	4,784	16,048.15	12,472.08	206.48	1,439.35	14,117.91	2.95	1,440.31	.....
Eston	30	543	5,654	21,049.14	13,526.13	481.37	1,569.42	15,576.92	2.76	593.82	.....
Gull Lake	14	380	3,887	13,428.17	8,319.36	331.50	1,147.57	9,798.43	2.52	.....	502.12
Indian Head	30	489	5,803	20,284.27	12,955.99	1,415.17	1,230.76	15,601.92	2.69	223.97	.....
Kerrobert	46	947	11,942	35,856.84	26,637.95	1,164.96	1,695.01	29,497.92	2.47	.....	2,148.38
Kindersley	30	839	8,898	28,396.32	19,397.49	1,588.64	3,379.30	24,365.43	2.74	785.73	.....
Lampman	15	457	3,512	14,190.45	8,298.14	856.83	460.09	9,615.06	2.74	308.26	.....
Lashburn	20	575	7,508	21,704.41	14,768.03	1,248.22	1,609.86	17,626.11	2.35	.....	2,270.09
Lloydminster	42	1,137	14,044	37,731.68	28,682.48	1,173.67	3,310.32	33,166.47	2.36	.....	4,050.13
Rosetown	45	918	14,057	39,765.63	28,679.89	1,995.94	2,937.60	33,613.43	2.39	.....	3,637.62
Shaunavon	35	862	10,322	45,003.44	29,278.21	1,084.64	4,432.41	34,795.26	3.37	7,441.96	.....
Unity	41	506	5,958	26,041.93	14,337.72	1,275.97	3,464.49	19,078.18	3.20	3,289.48	.....
Vanguard	14	252	2,700	8,803.61	6,754.39	100.25	623.03	7,477.67	2.77	322.67	.....
Wadena	26	747	10,352	22,351.31	16,081.00	928.90	2,895.84	19,905.74	1.92	.....	7,527.06
Wilkie	12	328	3,248	14,401.50	7,688.02	591.82	625.50	8,905.34	2.74	298.14	.....
Total	482	11,281	131,585	$448,631.26	$295,705.63	$16,575.39	$36,367.31	$348,648.33	....	.....	.....
Average	24	564	6,579	$22,431.56	$14,785.28	$828.77	$ 1,818.37	$17,432.42	$2.65	.....	.....

H. TABLE V—EXPENDITURES O

Hospitals	Operating							
	Salaries	Groceries, bread, meat, milk, vegetables	Medical and surgical supplies	Fuel, light, power, water, ice	Laundry	Freight, express and cartage	Sundry	Total operating expenditures
	$	$	$	$	$	$	$	$
Arcola Brock Union	4,744.40	1,611.27	555.65	676.77	.....	66.65	26.80	7,681..
Assiniboia Union	6,940.55	2,476.51	792.97	1,952.70	378.74	.....	441.88	12,983..
Biggar St. Margaret's	1,954.95	1,118.55	472.04	979.46	90.35	150.36	47.75	4,813..
Cabri Union	4,730.10	2,143.98	1,287.16	1,621.30	.....	306.71	.....	10,089..
Canora H.W. Memorial	9,978.90	2,017.71	1,386.13	3,301.60	246.00	64.54	101.92	17,096..
Central Butte Victorian	1,624.50	878.39	263.50	350.80	350.00	18.00	40.85	3,526..
Cudworth St. Michael's	3,364.99	945.85	193.85	678.11	140.07	.....	112.29	5,435..
Davidson Union	5,052.16	1,209.76	844.59	909.55	452.65	41.35	27.50	8,537..
Dodsland Association	5,112.35	2,814.61	761.74	1,523.35	1,014.44	.....	.....	11,226..
Eatonia Union	4,816.71	1,686.69	432.27	984.30	530.61	22.77	63.70	8,537..
Edam Union	5,373.50	3,340.78	1,181.72	1,976.08	600.00	.....	.....	12,472..
Elrose Community	1,560.15	546.60	184.18	200.15	23.40	3.18	.....	2,517..
Estevan	5,779.82	3,657.41	2,510.01	1,680.96	425.12	220.11	955.44	15,228..
Eston Union	6,792.60	2,945.77	50.54	1,740.39	1,147.05	.....	849.78	13,526..
Frontier Community	2,057.55	557.96	76.15	397.10	.....	47.89	12.30	3,148..
Gravelbourg St. Joseph's	17,355.65	5,090.59	2,012.02	2,181.61	1,184.25	593.18	.....	28,417..
Gull Lake Union	3,844.85	2,126.15	1,139.97	1,208.39	.....	.....	.....	8,319..
Hafford	7,572.48	2,858.90	1,624.23	2,439.00	.....	1,038.69	.....	15,533..
Humboldt St. Elizabeth	12,263.47	7,682.45	1,771.36	2,986.09	320.36	1,829.90	267.69	27,121..
Indian Head Union	4,712.55	2,680.19	1,248.63	2,363.06	1,575.30	.....	376.26	12,955..
Ile a la Crosse	4,011.10	1,907.00	778.52	1,686.40	684.00	.....	29.52	9,096..
Kamsack	2,976.75	953.54	870.24	399.80	52.75	49.60	780.00	6,082..
Kerrobert Union	11,678.36	6,077.83	2,627.99	3,278.87	2,075.00	368.90	531.00	26,637..
Kindersley Union	9,490.70	4,185.36	1,553.14	2,983.91	129.93	140.45	914.00	19,397..
Lampman Union	5,214.60	1,628.99	625.32	641.88	.....	24.10	163.25	8,298..
Lashburn Union	8,447.03	3,320.96	983.44	1,399.21	168.47	91.10	357.82	14,768..
Lloydminster Union	15,561.00	6,528.18	1,539.13	4,507.53	336.13	.....	210.51	28,682..
Macklin St. Joseph's	5,287.65	4,866.08	2,060.56	2,392.06	1,483.14	1,540.02	480.71	18,110..
Maple Creek General	5,422.50	5,248.88	2,726.13	1,936.35	1,755.00	94.07	480.98	17,663..
Melfort Lady Minto	7,221.50	2,389.67	1,746.54	1,563.93	.....	.....	432.99	13,354..
Melville Municipal	5,320.06	2,445.94	1,299.25	1,646.03	702.15	.....	.....	11,413..
Milden Community	3,579.50	1,267.68	541.65	1,203.16	.....	.....	5.00	6,596..
Moose Jaw General	36,900.00	31,000.00	14,950.00	12,700.00	5,450.00	.....	1,000.00	102,000..
Moose Jaw Providence	22,067.02	13,219.48	3,224.88	6,171.62	239.06	231.09	939.08	46,092..
Moosomin General	4,747.85	2,125.87	1,365.49	1,481.89	293.75	47.15	72.37	10,134..
North Battleford Notre Dame	14,074.52	8,161.97	2,549.63	2,836.94	907.95	560.76	422.14	29,513..
Oxbow Community	2,577.31	1,005.43	332.39	352.85	488.53	179.57	51.48	4,987..
Ponteix Gabriel	3,396.00	1,250.36	178.58	689.94	15.75	82.73	656.17	6,269..
Prelate St. Joseph's	4,320.00	3,240.00	860.00	1,072.35	210.30	157.00	336.00	10,195..
Prince Albert Holy Family	25,128.82	10,247.72	3,988.89	5,888.60	872.08	525.88	194.05	46,846..
Prince Albert Victoria	17,507.10	10,548.07	5,993.57	5,931.23	2,235.82	.....	366.60	42,582..
Regina General	126,214.84	57,309.90	30,283.94	36,672.13	14,641.64	.....	8,472.62	273,595..
Regina Grey Nuns	61,628.10	24,751.15	3,250.06	16,000.16	1,152.01	813.77	.....	107,595..
Rosetown Union	13,079.10	6,288.97	2,646.70	5,261.44	1,403.68	.....	.....	28,679..
Rosthern St. John's	2,844.56	1,556.94	272.44	909.45	42.69	205.06	75.00	5,906..
Rouleau Community	1,600.00	850.00	240.00	250.00	15.00	.....	.....	2,955..
Saskatoon City	58,228.32	42,619.47	22,637.67	32,313.55	13,837.70	.....	2,654.50	172,291..
Saskatoon St. Paul's	49,818.00	37,443.77	12,499.31	14,239.57	2,817.43	1,468.55	493.42	118,780..
Scott St. Francis	3,584.90	1,728.76	257.27	790.08	276.40	173.60	103.39	6,914..
Shaunavon Union	12,662.45	8,911.85	3,126.03	3,333.33	.....	.....	1,244.55	29,278..
Swift Current General	10,884.49	5,612.68	1,929.62	6,156.82	2,349.10	124.94	60.62	27,118..
Tisdale St. Therese	9,232.50	3,803.98	1,975.55	1,632.68	215.69	108.40	45.75	17,014..
Tuxford Community	939.50	460.80	90.14	280.00	.....	65.00	6.00	1,841..
Unity Union	6,184.05	3,640.18	1,685.40	2,246.64	581.45	.....	.....	14,337..
Vanguard Union	3,393.38	1,456.89	40.55	880.27	638.84	172.23	172.23	6,754..
Wadena Union	8,701.07	2,711.55	2,211.85	1,494.65	628.74	.....	333.14	16,081..
Wakaw Anna Turnbull	4,252.90	1,538.02	859.03	763.10	.....	70.46	75.00	7,558..
Weyburn General	12,281.82	3,837.08	1,911.62	4,873.70	328.51	.....	151.55	23,384..
Wilkie Union	5,082.05	1,172.54	398.18	1,035.25	.....	.....	.....	7,688..
Yorkton Queen Victoria	9,869.47	4,933.82	2,093.26	6,201.95	463.62	99.99	93.28	23,755..
Fort Qu'Appelle, Prince Albert, Saskatoon Sanatoria	236,952.87	156,879.85	33,689.17	91,426.21	16,393.93	4,015.90	93,178.58	632,536..
	967,995.97	537,517.33	191,681.84	317,676.30	82,364.58	15,813.65	118,907.46	2,231,957..

SASKATCHEWAN HOSPITALS, 1931.

Total maintenance expenditures	Administration						Total operating, maintenance and administration expenditures	Total capital expenditures
	Salaries	Office expenses	Telegraph and telephone	Insurance	Sundry	Total administration expenditures		
$	$	$	$	$	$	$	$	$
74.40	390.00	55.35	213.36	267.50	336.70	1,262.91	9,018.85	2,553.38
58.50	420.00	255.10	261.51	155.50	291.30	1,383.41	14,425.26	3,318.45
2,065.17	.....	71.77	43.70	.....	.....	115.47	6,994.10	3,420.64
577.25	739.60	92.84	43.75	188.00	73.91	1,138.10	11,804.60	2,783.54
760.85	99.01	49.80	224.99	190.00	86.57	650.37	18,508.02	.....
250.00	65.00	10.00	41.00	.....	20.00	136.00	3,912.04	.....
448.81	900.00	82.57	52.50	.....	.....	1,035.07	6,919.04	3,688.76
693.51	260.00	77.69	72.75	179.80	105.40	695.64	9,926.71	.....
196.21	643.85	.....	.....	257.50	118.15	1,019.50	12,442.20	.....
727.37	640.45	43.80	58.40	251.25	72.80	1,066.70	10,331.12	604.81
206.48	663.80	156.34	.....	200.00	419.21	1,439.35	14,117.91	.....
227.20	.....	.....	57.85	62.50	4.18	124.53	2,869.39	.....
676.60	284.64	30.00	.....	695.30	124.85	1,134.79	17,040.26	.....
481.37	420.00	.....	.....	335.67	813.75	1,569.42	15,576.92	.....
15.00	.....	.....	.....	.....	.....	.....	3,163.95	.....
2,529.36	.....	128.76	112.85	660.00	6,663.22	7,564.83	38,511.49	.....
331.50	780.40	84.02	70.00	187.00	26.15	1,147.57	9,798.43	3,263.92
1,361.67	870.00	113.62	331.36	.....	156.50	1,471.48	18,366.45	.....
2,313.38	1,200.00	235.14	145.50	318.77	56.87	1,956.28	31,390.98	10,649.10
1,415.17	521.20	130.30	135.59	190.74	252.93	1,230.76	15,601.92	1,695.00
75.60	.....	.....	.....	.....	.....	.....	9,172.14	.....
600.10	.....	58.45	100.60	135.00	5.55	299.60	6,982.38	550.00
1,164.96	718.75	359.00	.....	425.53	191.73	1,695.01	29,497.92	.....
1,588.64	2,195.20	224.70	.....	343.77	615.63	3,379.30	24,365.43	220.11
856.83	300.00	125.49	.....	30.00	4.60	460.09	9,615.06	.....
1,248.22	1,090.80	66.44	101.73	234.30	116.59	1,609.86	17,626.11	925.45
1,173.67	1,700.00	50.10	597.90	318.62	643.70	3,310.32	33,166.47	.....
3,259.55	.....	360.00	798.61	840.31	113.90	2,112.82	23,482.59	6,470.11
96.19	300.00	140.75	50.00	165.50	344.08	1,000.33	18,760.43	1,000.00
295.32	1,230.00	72.49	.....	130.95	282.68	1,716.12	15,366.07	.....
798.87	676.90	201.34	.....	74.25	1,671.10	2,623.59	14,835.89	1,203.28
278.70	.....	40.34	.....	73.75	79.36	193.45	7,069.14	315.00
8,400.00	4,500.00	2,250.00	900.00	500.00	450.00	8,600.00	119,000.00	.....
6,884.33	448.28	188.13	421.56	432.37	226.45	1,716.79	54,693.35	7,811.70
775.77	360.00	105.95	144.10	30.50	.....	640.55	11,550.69	.....
3,564.02	2,400.00	140.30	208.48	343.05	580.00	3,671.83	36,749.76	3,191.70
77.32	.....	.....	88.45	30.00	52.13	170.58	5,235.46	172.00
3,838.59	.....	44.45	40.90	.....	1,145.58	1,230.93	11,339.05	.....
500.00	.....	25.00	340.00	190.00	.....	555.00	11,250.65	.....
10,191.28	660.00	618.28	197.95	.....	1,923.39	3,399.62	60,436.94	.....
9,114.07	4,513.16	280.10	403.13	672.28	1,822.71	7,691.38	59,387.84	2,648.21
20,499.17	21,100.84	4,279.15	2,128.03	785.12	627.53	28,920.67	323,014.91	.....
9,754.30	8,294.52	1,243.67	793.23	2,232.00	7,153.89	19,717.31	137,066.86	.....
1,995.94	2,205.00	226.41	160.09	288.10	58.00	2,937.60	33,613.43	7,314.65
648.64	.....	100.40	52.32	.....	.....	152.72	6,707.50	2,532.87
45.00	.....	.....	36.00	.....	10.00	46.00	3,046.00	.....
32,288.58	14,203.80	6,576.13	.....	1,871.21	2,109.06	24,760.20	229,339.99	46,905.89
23,075.51	8,265.00	1,127.96	1,441.78	2,436.61	2,311.46	15,582.81	157,438.37	39,281.96
1,535.64	.....	159.59	129.20	.....	.....	288.79	8,738.83	.....
1,084.64	2,151.90	543.33	194.90	267.57	1,274.71	4,432.41	34,795.26	.....
2,488.62	.....	189.94	217.73	169.60	50.00	627.27	30,234.16	.....
4,002.86	.....	224.85	89.76	198.00	24.45	537.06	21,554.47	.....
66.00	.....	11.00	35.00	36.00	212.52	294.52	2,201.96	541.45
1,275.97	2,015.10	140.75	125.50	338.34	844.80	3,464.49	19,078.18	7,145.35
100.25	395.00	25.00	95.56	63.47	44.00	623.03	7,477.67	.....
928.90	1,266.70	369.28	113.45	520.01	626.40	2,895.84	19,905.74	262.10
995.53	500.00	164.34	45.79	125.00	.....	835.13	9,389.17	711.14
1,943.95	498.40	328.19	.....	280.00	915.50	2,022.09	27,350.32	5,651.40
591.82	412.20	50.74	.....	.....	162.56	625.50	8,905.34	3,420.36
894.15	.....	553.46	131.60	596.40	2,065.19	3,346.65	27,996.19	.....
91,168.88	24,321.97	8,852.06	4,614.82	2,264.29	16,559.04	56,612.18	780,317.57	.....
265,576.18	115,621.47	32,134.66	16,663.28	21,581.43	54,940.78	240,941.62	2,738,474.93	170,252.33

H. TABLE VI—EARNINGS OF SASKATCHEWAN HOSPITALS, 1931.

Hospital	Patients' fees charged	Grants from municipalities in which hospital is situated	Grants from other municipalities	Government of Saskatchewan grant	Donations and miscellaneous receipts	Total earnings
Arcola Brock Union	$10,713.86	$ 521.80	3,609.85	$ 1,638.00	$ 1,812.01	$ 18,295.52
Assiniboia Union	14,578.01	.....	3,095.05	2,641.00	5.00	20,319.06
Biggar St. Margaret's	8,388.60	.....	.....	2,719.50	1,721.35	12,829.45
Cabri Union	11,500.60	898.17	8,133.79	1,989.50	.....	22,522.06
Canora H.W. Memorial	7,680.50	1,000.00	.....	2,651.50	6,768.05	18,100.05
Central Butte Victorian	2,088.19	.....	460.00	738.00	600.20	3,886.39
Cudworth St. Michael's	8,011.95	500.00	400.00	1,492.50	4,867.95	15,272.40
Davidson Union	5,787.92	725.00	2,175.00	1,287.50	16.85	9,992.27
Dodsland Association	12,980.65	.....	.....	2,427.50	660.00	16,068.15
Eatonia Union	10,534.50	.....	.....	1,874.00	37.00	12,445.50
Edam Union	12,356.15	.....	1,300.00	2,392.00	.....	16,048.15
Elrose Community	2,451.50	50.00	.....	597.50	237.91	3,336.91
Estevan	23,151.24	.....	.....	3,760.50	260.67	27,172.41
Eston Union	16,397.50	.....	.....	2,827.00	1,824.64	21,049.14
Frontier Community	3,182.75	.....	.....	625.00	397.90	4,205.65
Gravelbourg St. Joseph's	13,529.81	3,350.00	5,348.12	4,101.00	9,206.87	35,535.80
Gull Lake Union	8,220.75	378.61	2,885.31	1,943.50	.....	13,428.17
Hafford	9,333.40	.....	475.00	2,625.00	7,813.00	20,246.40
Humboldt St. Elizabeth	27,184.98	500.00	1,200.00	6,675.00	15,571.87	51,131.85
Indian Head Union	11,157.00	.....	6,000.00	2,901.50	225.77	20,284.27
Ile a la Crosse	3,271.50	.....	1,554.50	1,103.00	870.15	6,799.15
Kamsack	4,960.20	150.00	.....	1,119.00	1,650.83	7,880.03
Kerrobert Union	29,244.11	.....	.....	5,971.00	641.73	35,856.84
Kindersley Union	23,429.66	220.11	.....	4,449.00	297.55	28,396.32
Lampman Union	6,208.95	320.00	5,760.00	1,742.50	159.00	14,190.45
Lashburn Union	16,848.95	.....	.....	3,754.00	1,101.46	21,704.41
Lloydminster Union	30,783.00	.....	.....	2,805.50	4,143.18	37,731.68
Macklin St. Joseph's	36,012.46	.....	94.50	4,495.00	4,461.76	45,063.72
Maple Creek General	13,924.95	1,500.00	.....	2,524.50	2,337.17	20,286.62
Melfort Lady Minto	10,192.93	.....	3,050.00	3,171.00	11.00	16,424.93
Melville Municipal	7,332.00	.....	.....	1,277.00	102.00	8,711.00
Milden Community	6,236.90	200.00	950.00	1,118.50	311.70	8,817.10
Moose Jaw General	102,525.15	10,000.00	.....	21,111.50	1,077.84	134,714.49

Moose Jaw Providence	47,182.22	.....	.....	5,847.00	9,962.15	62,991.37
Moosomin General	9,975.29	300.00	400.00	2,077.00	243.65	12,995.94
North Battleford Notre Dame	31,120.00	1,700.00	.....	6,713.00	7,707.40	47,240.40
Oxbow Community	4,539.72	200.00	.....	892.00	91.50	5,723.22
Ponteix Gabriel	2,954.55	500.00	1,000.00	1,028.50	434.48	5,917.53
Prelate St. Joseph's	8,369.29	.....	.....	1,540.00	2,520.00	12,429.29
Prince Albert Holy Family	48,087.38	.....	.....	12,045.50	15,160.67	75,293.55
Prince Albert Victoria	42,192.43	7,000.00	.....	9,494.50	2,185.52	60,872.45
Regina General	254,633.62	27,986.00	.....	40,653.00	2,433.62	325,706.24
Regina Grey Nuns	73,325.37	2,226.61	9,531.43	18,212.50	25,230.62	128,526.53
Rosetown Union	27,752.95	502.87	3,860.63	7,028.50	620.68	39,765.63
Rosthern St. John's	9,921.76	500.00	.....	1,453.50	2,600.00	14,475.26
Rouleau Community	900.00	120.00	120.00	604.00	.....	1,744.00
Saskatoon City	178,978.64	.....	.....	34,862.50	34.84	213,875.98
Saskatoon St. Paul's	136,492.19	.....	.....	26,107.00	21,040.00	183,639.19
Scott St. Francis	5,431.45	.....	.....	1,605.50	3,000.00	10,036.95
Shaunavon Union	38,563.74	.....	.....	5,161.00	1,278.70	45,003.44
Swift Current General	17,072.89	8,882.78	.....	4,611.50	.....	30,567.17
Tisdale St. Therese	20,143.95	.....	.....	5,568.50	6,500.00	32,212.45
Tuxford Community	2,515.00	.....	.....	443.50	147.60	3,106.10
Unity Union	11,642.60	972.22	9,830.28	2,979.00	617.83	26,041.93
Vanguard Union	5,020.32	100.00	2,333.29	1,350.00	.....	8,803.61
Wadena Union	17,049.12	.....	.....	5,176.00	126.19	22,351.31
Wakaw Anna Turnbull	4,061.60	.....	400.00	2,662.00	2,905.00	10,028.60
Weyburn General	17,412.16	.....	.....	4,196.50	.....	21,608.66
Wilkie Union	7,064.65	693.23	5,021.77	1,621.00	.85	14,401.50
Yorkton Queen Victoria	13,060.90	.....	.....	5,876.00	2,900.19	21,837.09
Fort Qu'Appelle, Prince Albert, Saskatoon — Sanatoria	488,877.45	.....	.....	293,381.00	1,924.45	784,182.90
	$2,034,541.86	$71,997.40	$78,988.52	$605,738.50	$178,858.35	$2,970,124.63

Government Grant paid to Regina Junior Red Cross	$ 3,209.00
Government Grant paid to Red Cross Outposts	9,691.50
Government Grant paid to North Battleford Isolation	196.00
Government Grant paid to Regina Smallpox	85.00
Government Grant paid to Kincaid Community	70.00
Government Grant paid to all hospitals	618,990.00

H. TABLE VII—SASKATCHEWAN HOSPITAL INVESTMENTS AND SCHEDULE OF CHARGES, 1931.

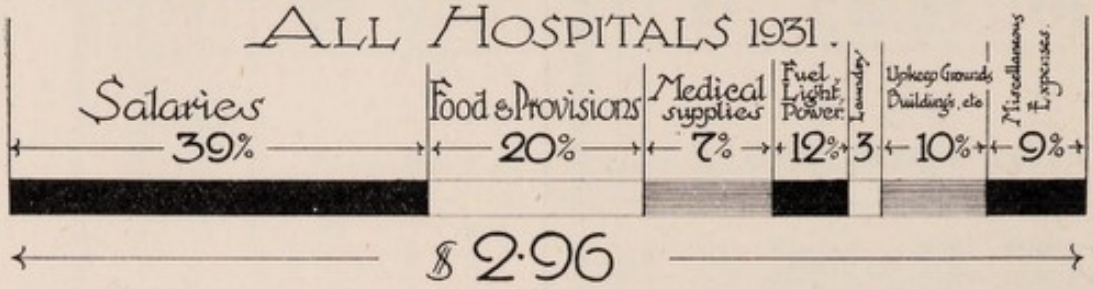
Hospital	Value of buildings and real estate	Value of furniture and equipment	Schedule of Charges							
			Private ward per day	Semi-private ward per day	Public ward per day	Case room	Operating room	X-Ray	Isolati6n Hospital	Laboratory
Arcola Brock Union	$24,462.45	$ 7,662.36	$5.00	$3.50	$3.00	$ 5.00	$3.00, 15.00	$2.50, 10.00	.....	.....
Assiniboia Union	22,459.23	14,725.78	4.00, 5.00	3.50, 4.50	3.00, 4.00	5.00	5.00, 10.00	.....	.....	$0.50, 1.00
Biggar St. Margaret's	33,534.51	18,518.00	4.00, 5.00	3.00, 3.50	2.50	10.00	5.00 to 15.00	5.00 to 25.00	$3.50	2.00, 5.00
Cabri Union	22,193.63	4,976.56	4.50, 5.00	.....	3.50, 4.00	5.00	2.50, 10.00	1.00, 12.00	.....	1.00
Canora H. W. Memorial	60,376.22	5,182.29	5.00	4.00	2.50	5.00	3.00 to 15.00	.....	3.00, 5.00	.....
Central Butte Victorian	1,311.00	500.00	.....	3.50	.....	5.00	6.00	.....	.....	.....
Cudworth St. Michael's	26,418.10	5,503.50	4.00	3.00	2.00	5.00	5.00, 10.00	5.00, 25.00	2.00	1.00
Davidson Union	3,322.00	1,611.00	3.50	.....	2.50	10.00	3.00 to 10.00	.....	2.50	.....
Dodsland Association	4,389.01	3,558.00	5.00	3.50	.....	5.00	10.00	.....	.....	.....
Eatonia Union	11,311.07	2,902.39	.....	.....	3.00	.....	.....	3.00 to 12.00	3.00	.....
Edam Union	6,545.53	5,539.21	.....	.....	3.00, 3.50	2.50	4.50, 10.00	.....	.....	.....
Elrose Community	8,185.44	1,842.21	3.00	2.75	.....	5.00	10.00	.....	2.75	.....
Estevan	25,650.00	4,500.00	5.00	4.00	3.50	.....	2, 5, 10	.....	.....	.....
Eston Union	33,283.27	6,529.78	3.50	3.50	3.00	10.00	5.00, 10.00	3, 5, 10	4.00	.....
Frontier Community	13,952.65	3,825.30	.....	.....	3.00	.....	10.00	.....	.....	.....
Gravelbourg St. Joseph's	119,673.15	27,551.15	5.00	3.50	2.50	10.00	5.00, 10.00	5.00, 25.00	2.50	5.00
Gull Lake Union	23,256.38	5,435.85	4.00, 5.00	3.00, 4.00	2.50, 3.50	5.00	3.00, 6.00	3.00, 10.00	4.00	.....
Hafford	25,700.00	3,200.00	3.50	2.50	2.00	10.00	10.00	3.00, 5.00	3.00	.....
Humboldt St. Elizabeth	99,530.00	23,323.61	4.00, 5.00	2.50, 3.00	2.00	5.00	3.00, 10.00	3.00, 20.00	3.00	2.00, 3.00
Indian Head Union	16,500.00	8,613.66	4.00	.....	2.50	5.00	3, 5, 10	.....	4.00	.....
Ile a la Crosse	74,794.70	3,937.50	.....	.....	1.00, 2.50	.....	.....	.....	.....	.....
Kamsack	10,559.25	3,550.00	4.50	3.75	3.00	5.00	3.00, 10.00	3.00, 15.00	3.00	.....
Kerrobert Union	31,850.77	12,244.28	4.50	3.50	2.50	7.00	2.00, 15.00	2.00, 20.00	3.50	2.00, 5.00
Kindersley Union	10,965.29	5,552.41	3.50	2.50	.....	5.00	3, 5, 10	.....	3.50	.....
Lampman Union	17,100.00	6,650.00	3.00, 4.00	.....	2.00, 3.00	5.00	5.00, 10.00	3, 5, 15	.....	.....
Lashburn Union	21,666.71	4,366.03	3.50	.....	2.50	.....	2.50, 5, 10	1, 5, 10	4.50	.....
Lloydminster Union	24,341.70	15,864.19	3.00	.....	2.50	.....	5.00, 10.00	5.00, 10.00	2.50	.....
Macklin St. Joseph's	103,200.00	34,250.00	4.00, 5.00	3.00	2.50	3.00	2.00, 15.00	3.00, 20.00	2.50	0.50, 2.00
Maple Creek General	19,100.00	2,000.00	4.50, 5.00	3.00	2.50	5.00	2.00, 10.00	2.00, 15.00	3.00	.....
Melfort Lady Minto	11,592.88	2,985.62	4.00	3.50	3.00	5.00	5.00, 10.00	.....	6.00	.....
Melville Municipal	16,021.00	3,020.27	4.50	3.75	2.50	5.00	5.00, 10.00	3.50, 7.00	5.00	.....
Milden Community	13,274.50	4,928.90	3.50	3.50	.....	5.00	5.00, 10.00	.....	.....	.....
Moose Jaw General	303,987.88	19,270.67	5.00 to 7.00	3.00	2.00, 2.50	6.00	3, 5, 7.50, 10	2.00, 20.00	2.00	1.00, 5.00
Moose Jaw Providence	282,548.40	64,457.81	5.00, 6.00	3.00	2.00	5.00	3, 5, 10	2.00, 15.00	.....	1.00, 3.00
Moosomin General	24,112.19	2,500.00	3.50	3.00	2.50	5.00	3.50, 12.00	3.00, 12.00	.....	.....
North Battleford Notre Dame	87,000.00	20,000.00	3.25 to 4.00	3.00, 2.50	2.50	.....	3, 5, 10	.....	.....	1, 2, 5
Oxbow Community	6,727.50	1,462.90	.....	3.00	.....	5.00	5.00, 10.00	.....	3.00	.....
Ponteix Gabriel	40,500.00	12,400.00	4.00	3.50	3.00	5.00	2.00, 10.00	5.00, 35.00	3.50	.....
Prelate St. Joseph's	32,775.00	8,691.00	2.50	2.50	2.50	10.00	5.00, 10,00	5.00, 25.00	.....	.....
Prince Albert Holy Family	106,000.00	77,800.00	4.00, 4.50	3.50	2.00, 2.50	10.00	5, 7, 10, 15	5.00, 15.00	.....	1.00, 10.00

Prince Albert Victoria	69,342.23	10,614.37	4.50	3.50	1.50 to 2.50	10.00	5.00, 15.00	1.00, 10.00	2.50	0.50, 5.00
Regina General	1,338,914.71	93,055.68	5.00	3.25, 4.00	2.00, 2.50	5.00	5.00, 10.00	3.00, 25.00	2.00, 2.50	3.00
Regina Grey Nuns	482,429.67	69,090.63	5.00, 6.00	3.50	2.00, 2.50	5.00	2.00, 10.00	2.00, 25.00	2.00, 2.50	2.00, 5.00
Rosetown Union	60,558.46	30,279.23	5.00	3.50	2.50	5.00	5.00, 10.00	2.00, 15.00	2.50	.....
Rosthern St. John's	16,150.00	5,550.00	4.00	3.00	2.50	5.00	5, 10, 15	.....	3.00	.....
Rouleau Community	6,650.00	1,980.00	.....	3.00	2.50	10.00	5.00, 10.00	.....	.....	.....
Saskatoon City	643,525.77	87,536.82	5.00	3.00 to 4.00	2,00 to 3.50	8.00	3, 5, 10, 15	3.00, 20.00	2.00	2.00, 10.00
Saskatoon St. Pauls	665,081.99	54,552.00	5.00, 5.50	3.00, 3.50	2.50	5.00	5.00, 15.00	.....	2.00, 2.50	.....
Scott St. Francis	9,000.00	3,232.10	4.00	3.00	2.50	3.00	3.00, 5.00	.....	2.50	0.50
Shaunavon Union	30,602.52	10,839.40	2.00, 5.50	.....	1.00, 4.50	5.00	5.00, 10.00	2.50, 5.00	1.00, 4.50	.....
Swift Current General	38,160.00	6,524.69	4.50 to 5.50	3.00, 4.00	2.50	5.00	3, 7, 12	5, 10, 15	2.50	1, 3, 5
Tisdale St. Therese	57,100.00	20,715.00	4.00	3.00	2.50	5.00	3.00, 10.00	5, 7.50, 10	3.00	1.00, 2.00
Tuxford Community	9,800.00	900.00	4.00	3.50	.....	.....	5.00, 10.00	.....	.....	.....
Unity Union	47,840.00	5,980.00	4.00, 4.50	.....	2.00, 2.50	5.00	2.50, 12.50	2.50, 5.00	2.00, 2.50	1.00
Vanguard Union	19,380.00	10,964.68	4.00	3.00	2.50	5.00	3, 5, 10	1.00, 3.00	2.50	.....
Wadena Union	34,057.33	4,609.38	5.00	.....	3.00	.....	5.00, 10.00	2.00, 10.00	3.00	.....
Wakaw Anna Turnbull	25,000.00	4,000.00	4.00	3.00	2.00	.....	5.00, 10.00	10.00	2.00	.....
Weyburn General	43,040.00	8,858.14	5.00	4.00	2.50	5.00	5, 7.50, 12.50	.....	.....	.....
Wilkie Union	25,695.46	5,561.48	3.50, 4.00	.....	2.50	6.00	12.00	.....	.....	.....
Yorkton Queen Victoria	109,274.97	12,847.50	4.50	3.00	2.50	5.00	5.00, 10.00	.....	3.00	0.50
Fort Qu'Appelle Sanatorium	994,500.00	79,046.52	} Free treatment							
Prince Albert Sanatorium	1,243,962.00	116,877.76								
Saskatoon Sanatorium	687,379.00	64,583.42								
	$8,477,588.52	$1,169,631.03	$2.00 to $7.00	$2.50 to $4.50	$1.00 to $4.50	$2.50 to $10.00	$2.00 to $15.00	$1.00 to $35.00	$1.00 to $6.00	$0.50 to $10.00

H·CHART I·

DISPOSITION AVERAGE OPERATING COST PER PATIENT PER DAY.

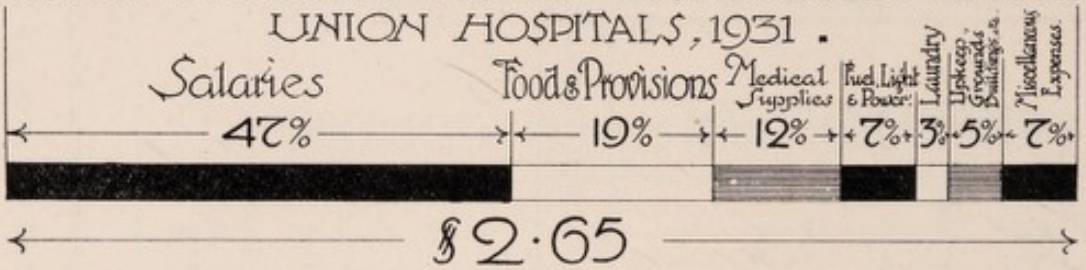
ALL HOSPITALS 1931.



H·CHART II·

DISPOSITION AVERAGE OPERATING COST PER PATIENT PER DAY.

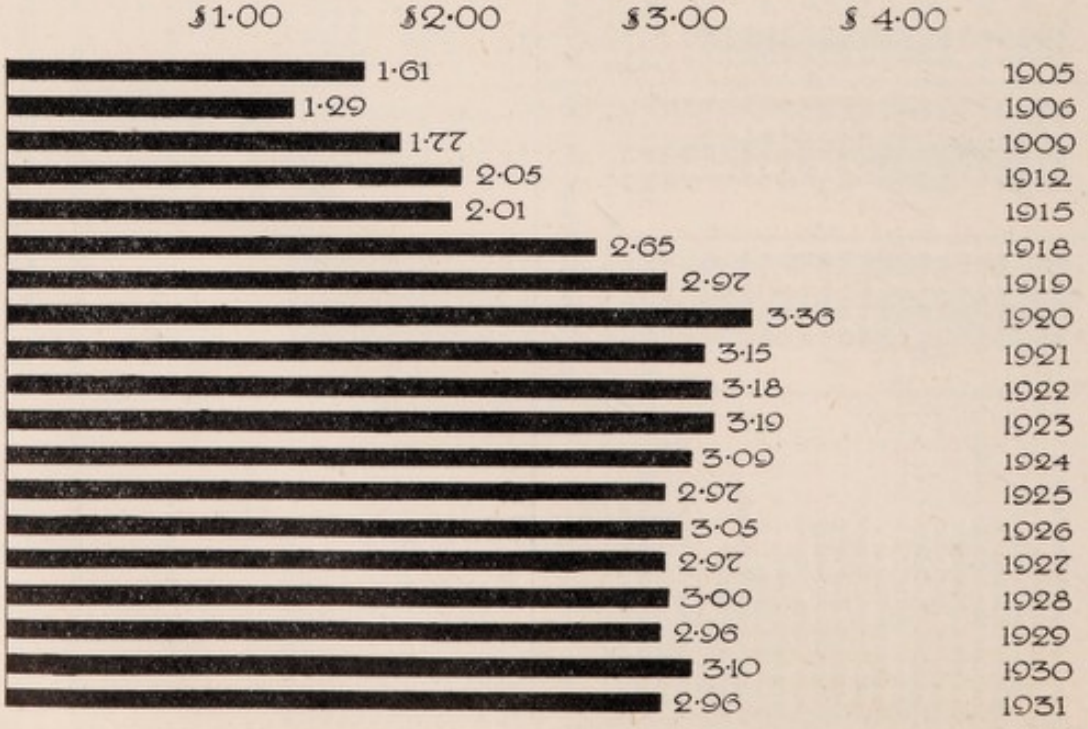
UNION HOSPITALS, 1931.



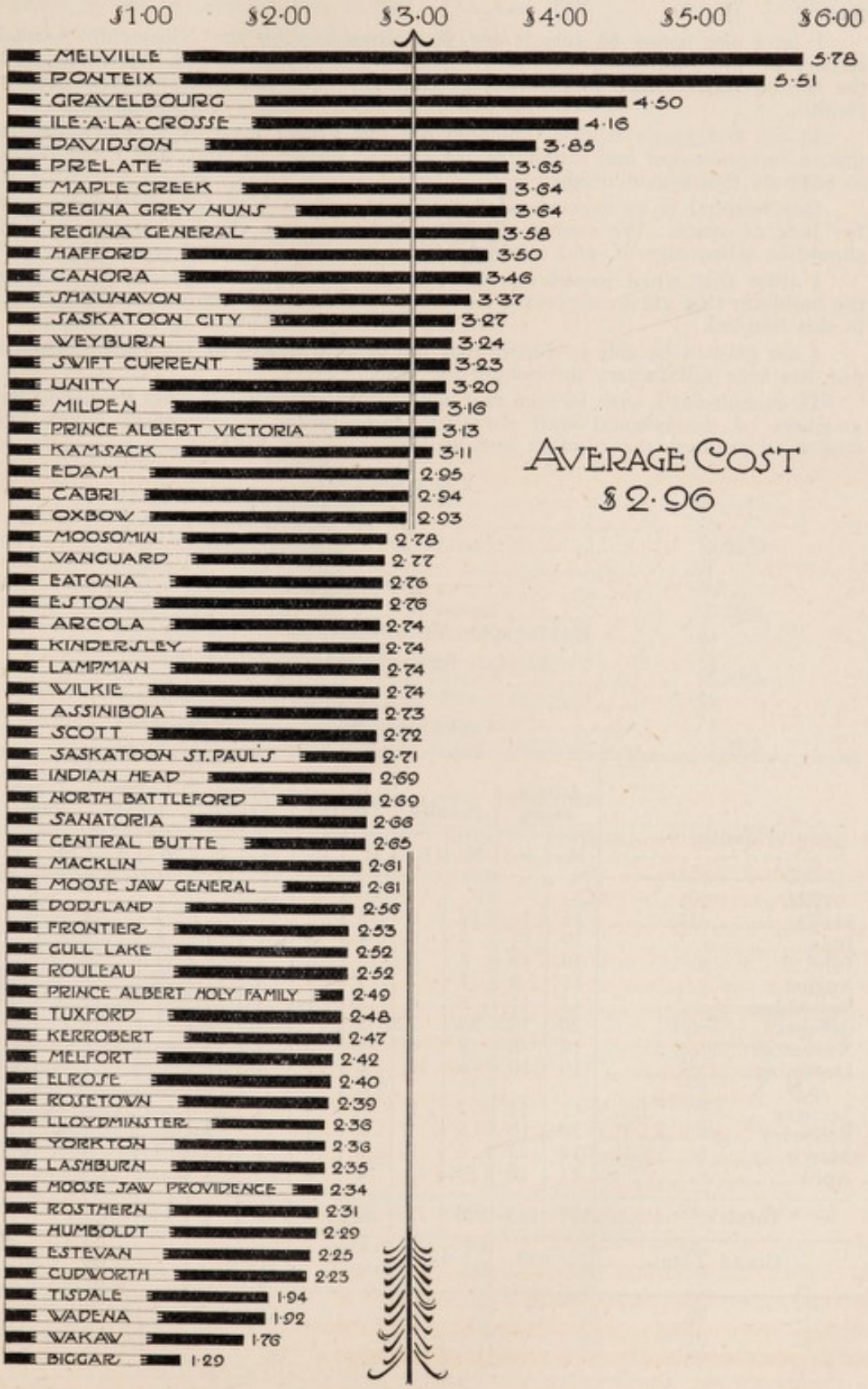
H·CHART. IV.

COMPARATIVE OPERATING COST PER PATIENT PER DAY.

SASKATCHEWAN HOSPITALS 1905–1931.



H · CHART III ·
SASKATCHEWAN HOSPITALS
OPERATING COST PER PATIENT PER DAY, 1931.



BATTLEFORD MENTAL HOSPITAL REPORT, 1931-32

F. C. MIDDLETON, M. D., D. P. H.
Deputy Minister of Public Health,
Regina, Sask.

SIR:

I have the honor to submit for your consideration the Nineteenth Annual Report of the Battleford Mental Hospital for the year ending April 30, 1932, the second report since treatment was transferred to the Department of Public Health.

In my last year's report, I pointed out our urgent need of a new infirmary unit, a reception unit and a unit for the chronic women patients, and I would like to reiterate that urgent need.

Our hospital is so over-crowded that our work is hindered and handicapped for lack of space. We cannot segregate and take care of the patients as they should be taken care of, and would be taken care of, if we had more space.

I trust that when conditions improve, the Government will see fit to erect the buildings that are so necessary for the proper care and comfort of the patients in this hospital.

I am glad to be able to report that the general health of the patient population has been satisfactory throughout the year.

In conclusion, I wish to take this opportunity of expressing my thanks to the members of the hospital staff for their co-operation in everything which has tended to promote the comfort and well-being of the patients.

Yours sincerely,

J. W. MACNEILL,
Superintendent.

BATTLEFORD MENTAL HOSPITAL
ANNUAL REPORT, 1931-2

TABLE NO. 1.

Month	Admissions		Paroles		Deaths		Deportations		Elopements		Transfers	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1931.												
May	14	16	14	8	5	..	..	..	1	..	..	..
June	19	11	5	8	4	4	2	1	4	..	..	..
July	19	12	8	5	..	2	2	..	1	..	..	..
August	17	9	7	7	1	3	4	..	2	..	..	..
September	13	11	6	4	3	1	..	..	1	..	..	..
October	20	10	15	7	5	..	2	..	1	1	..	..
November	18	8	5	5	4	3	1	..	..	..	..	..
December	10	10	6	10	5	..	2	..	..	..	..	..
1932.												
January	17	11	3	2	4	4	1	..	..	..	..	..
February	20	10	3	1	2	7	3	1	..	..	..	..
March	19	15	6	5	3	6	2	..	1	..	..	..
April	11	10	22	13	3	2	..	..	..	..	..	..
Total	197	133	100	75	39	32	19	2	11	1	..	..
Grand Total	330		175		71		21		12		..	

TABLE NO. II

TABLE SHOWING ADMISSIONS, RE-ADMISSIONS, DISCHARGES AND DEATHS.

COMPARATIVE STATEMENT

	Male	Female	Total
Number on our Register on May 1, 1931	669	355	1024
Admissions—			
New Cases	164	94	258
Re-admissions	33	39	72
Total admissions	197	133	330
Total under our care during the year	866	488	1354
Discharged or Removed—			
Paroled	100	75	175
Died	39	32	71
Deported	19	2	21
Eloped	11	1	12
Transferred	0	0	0
Total removed from our Register during year	169	110	279
Total remaining on our Register—April 30, 1932	697	378	1075

Total admissions during the year	330
Total paroled during the year	175
Percentage of paroles of admissions	53.03%
Males admitted during the year	197
Males paroled during the year	100
Percentage of paroles of admissions	50.76%
Females admitted during the year	133
Females paroled during the year	75
Percentage of paroles of admissions	56.39%
Total number of cases treated during the year	1,354
Total number of deaths during the year	71
Percentage of deaths of cases under treatment	5.24%

TABLE III—COMPARATIVE STATEMENT.

	1914–15	1915–16	1916–17	1917–18	1918–19	1919–20
Admissions	271	250	268	290	318	296
Paroles	97	100	123	122	160	168
Deaths	24	44	55	58	115	85
Deportations	20	12	6	7	4	5
Elopements	....	....	2	4	4	6
Transfers	4	2	2	1	2	....

	1920–21	1921–22	1922–23	1923–24	1924–25	1925–26
Admissions	302	321	188	200	234	246
Paroles	134	133	108	107	106	114
Deaths	56	50	35	38	38	43
Deportations	7	7	10	6	5	9
Elopements	11	8	4	4	6	1
Transfers	1	457	1	1	9	2

	1926–27	1927–28	1928–29	1929–30	1930–31	1931–32
Admissions	257	260	306	330	329	330
Paroles	141	136	150	177	154	175
Deaths	62	58	59	44	57	71
Deportations	17	16	25	28	29	21
Elopements	4	5	8	22	16	12
Transfers	1	....	....	2	68	....

TABLE No. IV.

Ages	Admissions		Paroles		Deaths	
	Male	Female	Male	Female	Male	Female
1 - 9	....	....	....	....	....	....
10 - 19	6	14	2	8	....	....
20 - 29	55	39	26	23	6	5
30 - 39	43	26	23	22	4	4
40 - 49	39	33	26	17	5	10
50 - 59	30	14	16	3	10	4
60 - 69	17	5	6	1	8	8
70 - 79	5	1	1	1	6	1
80 - 89	2	1	....	....	....	....
Over 89	....	....	....	....	....	....
Total	197	133	100	75	39	32
Grand Total	330		175		71	

TABLE No. V—DIAGNOSIS.

Diagnosis	Male	Female
Post Traumatic Psychosis with seizures	1	..
Senile Psychoses	24	8
Arteriosclerotic Psychoses	8	6
General Paralysis	10	1
Psychoses with Cerebral Syphilis	2	7
Encephalitis Lethargica	3	1
Alcoholic Psychoses—		
Alcoholic Hallucinosis	2	..
Alcoholism	9	..
Psychoses due to Drugs	..	2
Psychosis due to Arsenical Poisoning	1	..
Psychoses associated with Somatic Disease—		
Psychosis associated with Somatic Disease	..	2
Psychosis associated with other Somatic Disease, Encephalitis	..	1
Psychosis associated with other Somatic Disease, Diabetes Mellitus	2	..
Psychosis associated with other Somatic Disease, Toxic Condition	1	..
Psychosis associated with other Somatic Disease, Mitral Stenosis and Myocardial Degeneration	1	..
Psychosis associated with other Somatic Disease, Pernicious Anæmia	1	..
Psychosis associated with other Somatic Disease, Cardio Renal Disease	..	1
Maniac Depressive Psychoses—		
Manic Depressive Psychosis	1	1
Manic Depressive Psychosis, Mixed Type	6	3
Manic Depressive Psychosis, Manic Type	6	9
Manic Depressive Psychosis, Depressed Type	11	12
Manic Depressive Psychosis, Hypo Manic Type	..	1
Involutional Melancholia	1	5
Schizophrenia	77	45
Epileptic Psychoses	9	7
Traumatic Epilepsy, Jacksonian	1	..
Psychoneuroses—		
Psychoneurosis, Psychasthenic Type	1	1
Psychoneurosis, Neurasthenic Type	1	1
Anxiety Neurosis	1	..
Psychopathic Personality	1	4
Mental Deficiency	9	10
Not Diagnosed	3	5
Without Psychoses—		
Chronic Morphine Addiction	2	..
Acute Alcoholism	1	..
Syphilis	1	..
Total	197	133
Grand Total	330	

TABLE NO. VI—NATIONALITIES

Country	Male	Female	Country	Male	Female
Austria	7	2	Ireland	6	1
Buckovina	2	..	Norway	6	3
Bulgaria	1	..	Poland	7	4
Canada	65	58	Russia	10	9
China	1	..	Roumania	..	1
Croatia	1	..	Scotland	9	5
Czecho-Slovakia	1	..	Serbia	1	..
Denmark	3	..	Sweden	7	..
England	32	18	Ukrainia	2	1
Estonia	..	1	United States of America	25	26
Finland	1	..	Turkey	..	1
France	1	1	No Information on File	1	..
Germany	3	1			
Galicia	2	1			
Hungary	1	..	Total	197	133
Holland	2	..	Grand Total		330

TABLE NO. VII.

The following statistics apply to Military Patients received during the year 1931-1932.

No.	Nativity	Age	Civil condition	Mental diagnosis
1	Scotland	53	Single	Manic Depressive Psychosis, Mixed Type
2	Scotland	52	Single	General Paresis of the Insane
3	Scotland	32	Single	Schizophrenia
4	Canada	36	Married	Psychoneurotic
5	England	47	Married	Early Senile Psychosis
6	Scotland	54	Single	Alcoholic Hallucinosis
7	Canada	37	Single	Alcoholism
8	England	35	Single	Dementia Præcox
9	Scotland	39	Single	Epileptic Dementia
10	England	59	Single	Senile Psychosis
11	England	60	Widowed	General Paresis of the Insane
12	England	47	Single	Left Open
13	Canada	44	Single	Schizophrenia
14	Sweden	59	Married	Manic Depressive Psychosis, Depressed Type
15	Scotland	42	Married	Schizophrenia
16	Ireland	39	Single	Manic Depressive Psychosis, Manic Type
17	Canada	42	Single	Traumatic Epilepsy—Jacksonian
18	Scotland	38	Married	General Paresis of the Insane
19	Canada	48	Married	General Paresis of the Insane
20	Canada	30	Single	Schizophrenia, Hebephrenic Type
21	England	37	Married	Epileptic Psychosis
22	Ireland	35	Single	Schizophrenia, Hebephrenic Type
23	Wales	40	Single	Paranoid Psychosis
24	England	41	Married	General Paresis of the Insane
25	Canada	33	Single	Left Open
26	England	53	Married	Left Open
27	England	45	Married	Arteriosclerotic Psychosis

Number remaining in hospital on April 30, 1931		95
Number admitted during the year		27
Total		122
Paroled during the year	13	
Deportations during the year	2	
Deaths during the year	2	
Transferred during the year	..	17
Remaining in hospital on April 30, 1932		105

TABLE NO. VIII—DEPORTATIONS TO OTHER COUNTRIES.

No.	Sex	Age	Civil condition	Mental diagnosis	Where deported	Date
1	M	26	S	Manic Depressive, Manic Type	Poland	June 5, 1931
2	F	31	M	Manic Depressive, Manic Type	England	June 27, 1931
3	M	30	M	Dementia Præcox	Poland	June 28, 1931
4	M	34	M	Schizophrenia	Poland	July 18, 1931
5	M	31	S	Mental Defective	Holland	July 18, 1931
6	M	24	S	Dementia Præcox	Poland	Aug. 2, 1931
7	M	35	S	Dementia Præcox	Letvia	Aug. 8, 1931
8	M	49	S	Epilepsy	Ireland	Aug. 16, 1931
9	M	33	S	Psychopathic Personality	England	Aug. 28, 1931
10	M	21	S	Schizophrenia	U.S.A.	Oct. 6, 1931
11	M	22	S	Schizophrenia	Norway	Oct. 31, 1931
12	M	27	S	Schizophrenia	Poland	Nov. 28, 1931
13	M	27	S	Manic Depressive, Depressed Type	Denmark	Dec. 9, 1931
14	M	22	S	Schizophrenia	Germany	Dec. 19, 1931
15	M	30	S	General Paresis of the Insane	Germany	Jan. 25, 1932
16	M	21	S	Dementia Præcox	Poland	Feb. 6, 1932
17	F	27	M	Dementia Præcox	Roumania	Feb. 7, 1932
18	M	32	S	Schizophrenia	Scotland	Feb. 13, 1932
19	M	37	S	Schizophrenia superadded to Mental Deficiency	Norway	Feb. 26, 1932
20	M	42	M	Schizophrenia	Poland	Mar. 13, 1932
21	M	44	M	Epilepsy	Poland	Mar. 25, 1932

TABLE NO. IX.—DEATHS DURING THE YEAR 1931–1932.

No.	Age	Sex	Immediate Cause of Death	Predisposition
1	72	M	Hypostatic congestion and oedema of lungs	Arteriosclerosis
2	63	M	Subacute diffuse nephritis and chronic myocarditis	Dementia Præcox, Hebephrenic
3	34	M	Pulmonary tuberculosis	Epilepsy
4	76	M	Chronic myocarditis	Senile dementia
5	45	M	Paresis	G.P.I.
6	69	F	Septicæmia following bedsore over sacrum	Senile amentia
7	67	M	Chronic myocarditis	Arteriosclerotic dementia
8	28	M	Epilepsy	Epilepsy
9	37	F	Pulmonary embolism	Dementia Præcox, Paranoid
10	64	M	Arteriosclerosis	Arteriosclerosis
11	64	F	Carcinoma of head of pancreas	Dementia Præcox, Paranoid
12	60	M	Tumor of the pituitary gland	Senility
13	44	F	Pernicious anæmia	Manic depressive
14	70	F	Arteriosclerosis	Arteriosclerosis
15	63	F	Chronic interstitial nephritis	Manic Depressive, Depressed Type
16	26	F	Neurosyphilis	Neurosyphilis
17	21	F	Infection of uterus and adnexia	Dementia præcox
18	59	M	Chronic endocarditis and myocarditis	Arteriosclerosis
19	37	F	Tuberculosis — pulmonary and peritoneal	Dementia præcox
20	74	M	Chronic myocarditis	Senility

TABLE NO. IX.—DEATHS DURING THE YEAR 1931–1932.—*Continued.*

No.	Age	Sex	Immediate Cause of Death	Predisposition
21	25	M	Acute myocarditis	Epileptic dementia
22	43	M	Hypostatic congestion and oedema, with hypostatic pneumonia	G.P.I.
23	66	F	Hæmorrhage from peptic ulcer	Senile
24	23	M	Extensive tuberculosis and broncho pneumonia	Mental Defective
25	53	M	Accute suppurative cellulitis around bladder and behind pubes	G.P.I.
26	51	M	Sclerosis of coronary arteries	Early senile
27	39	M	Laceration of brain and intracranial hæmorrhage	G.P.I.
28	29	M	Pneumonia	Dementia præcox
29	67	F	Lobar pneumonia	Senile dementia
30	37	M	Hypostatic congestion of lungs secondary to weakness of epileptic state	Epilepsy
31	59	M	Cerebral hæmorrhage	Epilepsy
32	49	F	Pulmonary tuberculosis	Dementia præcox
33	27	F	Hypostatic pneumonia	Manic Depressive, Mixed Type
34	55	M	Cellulitis of lip, face and neck	Dementia Præcox, Paranoid
35	68	M	Chronic myocarditis	Senile dementia
36	62	M	(1) Acute cystitis (2) Lobar pneumonia	Senile psychosis
37	42	M	Exhaustion of acute mania	Manic Depressive, Mixed Type
38	59	M	Coronary stenosis	Dementia præcox
39	34	M	Acute congestion and oedema of lungs	Acute mania
40	70	M	Lobar pneumonia	Senile dementia
41	53	F	Septicæmia from infected hand	Arteriosclerosis
42	40	M	Acute general peritonitis following perforation of a malignant ulcer of the stomach	G.P.I.
43	61	F	Influenzal broncho-pneumonia	Senility
44	55	M	Pernicious anæmia	Dementia præcox
45	78	M	Hypostatic pneumonia	Senility
46	50	F	Acute coronary stenosis	Traumatic psychosis—mental enfeeblement
47	50	F	Encephalitis	Psychosis with somatic disease encephalitis
48	28	M	Lobar pneumonia	Mental deficiency
49	42	F	Pulmonary tuberculosis	Manic Depressive, Circular Type
50	59	M	Septicæmia from septic hand	Epilepsy
51	54	M	Splenic anæmia	Mental deficiency
52	59	F	Lobar pneumonia	Arteriosclerosis
53	42	F	Exophthalmic goitre	Manic Depressive, Depressed Type
54	34	F	Acute dilatation of the heart associated with epileptic fit	Epilepsy
55	22	F	(1) General peritonitis secondary to (2) acute salpingitis	Schizophrenia, paranoid type
56	65	F	Lobar pneumonia	Senile dementia
57	48	F	Pulmonary tuberculosis	Psychosis with somatic disease toxic thyroid
58	46	F	Chronic myocarditis	Neurosyphilis
59	60	F	Infarction of lung, cont. general peritonitis	Senile dementia
60	49	F	Pulmonary tuberculosis	Involutional melancholia
61	47	M	Hypostatic pneumonia	Encephalitis lethargica
62	58	M	Chronic myocarditis	Manic Depressive, Depressed Type

TABLE NO. IX.—DEATHS DURING THE YEAR 1931–1932—*Continued.*

No.	Age	Sex	Immediate Cause of Death	Predisposition
63	21	F	Chronic interstitial myocarditis secondary to mitral stenosis and patent ductus arteriosis	Manic Depressive, Manic type
64	48	F	Pulmonary tuberculosis	Involutional melancholia
65	61	M	Chronic myocarditis	Manic Depressive, Depressed Type
66	35	F	Pulmonary tuberculosis	Psychoneurosis
67	61	M	Chronic myocarditis	Cerebral syphilis, endarteritic type
68	73	M	Gangrene left foot and leg	Manic Depressive, manic type
69	43	F	Exhaustion of acute mania	Manic Depressive, manic type
70	36	M	Pulmonary tuberculosis	Dementia præcox, hebephrenic
71	43	F	(1) Epilepsy (2) Thyroiditis	Epilepsy

MENTAL HOSPITAL, WEYBURN

WEYBURN, *August 16, 1932.*

F. C. MIDDLETON, M. D., D. P. H.
Deputy Minister of Public Health,
Regina, Saskatchewan.

I have the honor to respectfully submit the eleventh annual report of the Provincial Hospital, Weyburn, for the year ending April 30, 1932, for your consideration.

It will be observed that the total number of patients remaining on our register at December 31, 1931, was as follows: male patients 838, female patients 471, or, a total of 1,309. For comparative purposes it may be noted that our population at the end of the financial year, May 31, 1932, was—male 868, female 486, or a total of 1,354 patients.

The general health of our patients and staff has been very good throughout the year. We have had no epidemics of any kind. Outdoor work for the patients suffered a great deal last year because of the dust storms and lack of rainfall. In this connection I think it is well to call attention to the question of the water supply here. During the past three years we have had no water for our lawns and grounds, and the appearance of the premises suffers considerably in consequence. It seems to me advisable that a very full survey should be made of our present water supply, and the possibility of increasing it, because at the present time the supply of water for our continuous baths has to be very closely watched.

The general work of the institution has gone along very well during the year, and I wish to express my appreciation of the co-operation of the staff in this work.

Yours faithfully,

A. D. CAMPBELL,
Superintendent.

TABLE NO. I.

SHOWING THE MOVEMENT OF PATIENTS FROM MAY 1, 1931, TO APRIL 30, 1932

	Male	Female	Total
Remaining on our Register April 30, 1931	813	457	1,270

Admissions	Male	Female	Total
First admissions	128	94	222
Re-admissions	30	33	63
Transfers	..	..	..
Total admissions	158	127	285
Total under treatment during the year	971	584	1,555

Separations during the year	Male	Female	Total
Paroled	50	55	105
Died	39	40	79
Deported	13	2	15
Eloped	1	1	2
	103	98	201
Total removed from our Register	103	98	201
Total remaining on our Register, April 30, 1932	868	486	1,354

The above table is presented to show the movement of all patients with which we had to deal during the year from May 1, 1931, to April 30, 1932, inclusive. In order to present statistics of any value the following tables, two and three, have been prepared in order to differentiate between mental defectives and the mentally deranged.

TABLE NO. II.—STATISTICS FOR OTHER THAN MENTAL DEFECTIVES—MAY 1, 1931, TO APRIL 30, 1932

Months	Admissions		Paroles		Deaths		Deportations		Elopements	
	M	F	M	F	M	F	M	F	M	F
1931										
May	14	5	3	9	4	6	1	0	0	0
June	11	7	2	5	2	2	2	0	0	0
July	10	13	8	6	4	0	1	1	0	0
August	11	11	3	1	0	1	1	0	0	0
September	9	7	9	6	1	1	1	0	0	0
October	13	7	6	11	4	3	1	1	0	0
November	9	11	4	2	4	4	1	0	0	0
December	14	7	2	2	3	3	0	0	0	0
1932										
January	7	9	1	1	2	3	2	0	0	0
February	10	5	2	0	2	2	0	0	0	0
March	8	6	1	4	2	5	2	0	0	0
April	23	11	4	5	3	1	1	0	0	0
Total	139	99	45	52	31	31	13	2	0	0
Grand total	238		97		62		15		0	

The following statistics refer solely to the mentally diseased and do not include mental defectives:

Total number admitted	238
Total number discharged	112
Percentage of discharges of admissions	47.058%
Total number males admitted	139
Total number males discharged	58
Percentage of discharges of admissions	41.726%
Total number of females admitted	99
Total number of females discharged	54
Percentage of discharges of admissions	54.545%

The following statistics refer to all patients under treatment in the institution during the year:

Total number of cases under treatment	1,555
Total number of deaths during year	79
Percentage of deaths of cases under treatment	5.081%

N.B.—Deportations included amongst those discharged.

TABLE NO. III—STATISTICS FOR MENTAL DEFECTIVES MAY 1, 1931, TO APRIL 30, 1932.

Months	Admissions		Paroles		Deaths		Deportations		Elopements	
	M	F	M	F	M	F	M	F	M	F
1931										
May	4	2	1	1	1	2	0	0	1	0
June	1	3	1	0	1	0	0	0	0	0
July	1	1	0	0	2	0	0	0	0	1
August	2	3	0	0	0	0	0	0	0	0
September	1	3	0	0	0	0	0	0	0	0
October	2	6	2	1	1	2	0	0	0	0
November	1	0	0	0	1	1	0	0	0	0
December	0	3	0	1	0	2	0	0	0	0
1932										
January	1	0	1	0	0	1	0	0	0	0
February	1	1	0	0	0	0	0	0	0	0
March	2	3	0	0	1	0	0	0	0	0
April	3	3	0	0	1	1	0	0	0	0
Total	19	28	5	3	8	9	0	0	1	1
Grand total	47		8		17		0		2	

TABLE NO. IV—CLASSIFICATION OF MENTAL DEFECTIVES—

(1) Admissions. (2) Paroles. (3) Deaths. (4) Deportations. (5) Elopements.

	Admissions		Paroles		Deaths		Deportations		Elopements	
	M	F	M	F	M	F	M	F	M	F
Idiots	4	10	1	1	4	6	0	0	0	0
Imbeciles	12	14	4	2	4	3	0	0	0	0
Morons	2	4	0	0	0	0	0	0	1	1
Not differentiated	1	0	0	0	0	0	0	0	0	0
Total	19	28	5	3	8	9	0	0	1	1
Grand total	47		8		17		0		2	

TABLE NO. V—CLASSIFICATION OF CASES—
(1) Admissions, (2) Paroles, (3) Deaths, (4) Deportations, (5) Elopements.

Classification	Admissions		Paroles		Deaths		Deportations		Elopements	
	M	F	M	F	M	F	M	F	M	F
Alcoholic Psychosis										
Acute Alcoholism	2	0	1	0	0	0	0	0	0	0
Alchoholic Psychosis (Chronic)	1	0	0	0	0	0	0	0	0	0
Epileptic Psychosis	3	8	2	4	0	4	0	0	0	0
General Paresis of the Insane	7	1	1	0	2	0	2	0	0	0
Involutional Melancholia	1	3	0	1	0	1	0	0	0	0
Manic Depressive Psychosis:										
Manic Type	10	12	7	7	0	3	0	1	0	0
Depressed Type	13	7	6	8	2	1	3	1	0	0
Mixed Type	1	8	1	6	0	2	0	0	0	0
Paranoia	3	2	0	0	0	0	0	0	0	0
Psycho-Neuroses and Neuroses	3	3	2	2	0	0	0	0	0	0
Psychoses associated with:										
Arterio Sclerosis	10	9	1	5	4	2	0	0	0	0
Encephalitis Lethargica	0	1	0	0	0	0	0	0	0	0
Parkinson's Disease	0	1	0	0	0	1	0	0	0	0
Disseminated Sclerosis	2	0	0	0	0	0	0	0	0	0
Mental Defect	4	1	1	1	0	0	0	0	0	0
Other Somatic Disease	1	0	0	0	0	0	0	0	0	0
Senile Psychoses:										
Senile type	19	8	2	2	13	10	0	0	0	0
Presenile type	0	1	2	0	0	0	0	0	0	0
Schizophrenia:										
Catatonic type	6	4	4	1	1	2	1	0	0	0
Simple type	2	6	0	2	0	1	0	0	0	0
Hebephrenic	29	15	7	9	6	2	5	0	0	0
Paranoid	16	6	6	2	1	0	1	0	0	0
Not differentiated	5	3	1	2	2	2	1	0	0	0
Toxic Psychoses	0	0	0	0	0	0	0	0	0	0
Traumatic Psychoses	1	0	1	0	0	0	0	0	0	0
Mental Deficiency	19	28	5	3	8	9	0	0	1	1
Total	158	127	50	55	39	40	13	2	1	1
Grand total	285		105		79		15		2	

TABLE NO. VI—DEATHS FROM MAY 1, 1931, TO APRIL 30, 1932

No.	Sex	Age	Psychosis	Duration of Psychosis	Cause of Death
1	F	56	Involutional Melancholia	11 months	Influenza, gastro intestinal type
2	M	70	Arterio Sclerotic Psychosis	Several years	Hemiplegia and Senility
3	F	34	Schizophrenia	6 months	Acute Myocarditis and Influenza
4	F	40	Schizophrenia, Defective base	13 years	Cardiac Decompensation V.D.H.
5	M	40	Mental Defective (Imbecile)	Birth	Lobar Pneumonia
6	F	19	Mental Defective (Imbecile)	Birth	Acute Pulmonary Tuberculosis
7	M	56	Schizophrenia	10 years	Acute Miliary Tuberculosis of lungs

TABLE NO. VI—DEATHS FROM MAY 1, 1931, TO APRIL 30, 1932—*Continued.*

No.	Sex	Age	Psychosis	Duration of Psychosis	Cause of Death
8	F	34	Epileptic Psychosis	10 years	Acute Myocarditis
9	F	50	Manic Depressive Psychosis (depressed)	3 years	Influenza
10	F	48	Schizophrenia (Hebephrenic type)	15 years	Acute Myocarditis and Influenza
11	M	29	Schizophrenia (Hebephrenic type)	15 years	Pulmonary Tuberculosis
12	F	37	Mental Defective (Imbecile)	Birth	Pulmonary Tuberculosis
13	M	79	Senile Psychosis	2 years	Senility
14	M	68	Senile Psychosis	9 years	Myocarditis and Asthma
15	M	80	Senile Psychosis	3 years	Senile Gangrene
16	F	21	Epileptic Psychosis	14 years	Status Epilepticus
17	F	73	Senile Psychosis	8 years	Myocarditis
18	M	25	Mental Defect (Idiot)	Birth	Status Epilepticus
19	M	44	Schizophrenia (Hebephrenic type)	12 years	Pulmonary Tuberculosis
20	M	19	Mental Defective (Idiot)	Birth	Pulmonary Tuberculosis
21	M	77	Senile Psychosis	5 years	Influenza
22	M	70	Senile Psychosis	4 years	Senility
23	M	16	Mental Defect (Imbecile)	Birth	Status Epilepticus
24	M	52	Schizophrenia	2 years	Exhaustion of Psychosis
25	F	74	Senile Psychosis	3 years	Myocarditis
26	F	66	Senile Psychosis	10 years	Exhaustion of Psychosis
27	M	61	Schizophrenia (Hebephrenic type)	10 years	Carcinoma of bladder
28	F	76	Senile Psychosis	6 years	Exhaustion of Psychosis
29	F	53	Manic Depressive Psychosis (Manic type)	6 months	Myocarditis and asthma
30	F	40	Schizophrenia (Catatonic type)	15 years	Lobar Pneumonia
31	M	83	Senile Psychosis	2 months	Exhaustion of Psychosis, and Arterio Sclerosis.
32	F	15	Mental Defective (Idiot)	Birth	Status Epilepticus
33	F	37	Mental Defective (Imbecile)	Birth	Status Epilepticus
34	M	82	Senile Psychosis	10 years	Senility and Hemiplegia
35	M	35	Manic Depressive Psychosis (depressed)	1 year	Broncho Pneumonia
36	M	6	Mental Defective (Idiot)	Birth	Pulmonary Tuberculosis
37	M	86	Senile Psychosis	1 year	Senility
38	F	44	Epileptic Psychosis	18 years	Influenzal Pneumonia
39	F	69	Psychosis c Paralysis Agitans	3 years	Exhaustion of Parkinson's Disease
40	M	42	Mental Defective (Imbecile)	Birth	Influenza
41	M	42	Schizophrenia (Hebephrenic)	12 years	Hæmorrhage from lungs T.B.
42	M	31	Schizophrenia (Hebephrenic)	12 years	Pulmonary Tuberculosis
43	M	85	Senile Psychosis	2 years	Cerebral Hæmorrhage
44	F	13	Mental Defective (Idiot)	Birth	Lobar Pneumonia
45	F	30	Schizophrenia (Catatonic)	8 years	Lobar Pneumonia
46	F	67	Manic Depressive Psychosis (Manic)	9 years	Broncho Pneumonia
47	M	54	Psychosis c Cerebral Syphilis	2 years	Cerebral Syphilis
48	F	48	Manic Depressive Psychosis (Mixed)	6 months	Myocarditis and exhaustion from uterine and tubal inflammation
49	F	3	Mental Defective (Idiot)	Birth	Broncho Pneumonia

TABLE NO. VI—DEATHS FROM MAY 1, 1931, TO APRIL 30, 1932—*Continued.*

No.	Sex	Age	Psychosis	Duration of Psychosis	Cause of Death
50	F	21	Mental Defective (Idiot)	Birth	Status Epilepticus
51	M	48	Schizophrenia (Catatonic)	17 years	Myocarditis
52	F	83	Senile Psychosis	11 years	Exhaustion of Psychosis
53	F	74	Senile Psychosis	4 years	Influenza
54	M	40	Manic Depressive Psychosis (Depressed)	2 months	Exhaustion of Psychosis
55	M	50	Schizophrenia (Paranoid type)	21 years	Myeloid Leukæmia
56	F	30	Mental Defective (Idiot)	Birth	Pulmonary Tuberculosis
57	F	42	Schizophrenia (Hebephrenic type)	10 years	Acute Pulmonary Tuberculosis
58	M	84	Senile Psychosis	3 years	Exhaustion from Mediastinal Carcinoma and Epithelioma of lip
59	F	74	Senile Psychosis	4 years	Exhaustion of Pyschosis
60	M	66	Senile Psychosis	6 months	Exhaustion of Psychosis
61	F	57	Psychosis c Cerebral Arterio Sclerosis	1 year	Myocarditis and valvular disease of heart
62	M	65	Senile Psychosis	2½ years	Lobar Pneumonia
63	M	66	Psychosis c Cerebral Arterio Sclerosis	3 years	Bronco Pneumonia
64	F	70	Senile Psychosis	6 months	Cerebral Hæmorrhage
65	F	19	Epileptic Psychosis	4 years	Acute Pulmonary Tuberculosis
66	F	39	Manic Depressive Psychosis (mixed)	2 months	Exhaustion from Acute Mania
67	M	76	Psychosis c Cerebral Arterio Sclerosis	10 years	Carcinoma of floor of mouth
68	F	63	Senile Psychosis	2 months	Exhaustion of Psychosis
69	F	21	Schizophrenia (simple type)	6 months	Acute Pulmonary Tuberculosis
70	F	49	Manic Depressive Psychosis (Manic)	20 years	Exhaustion of Acute Mania
71	M	34	General Paralysis	4½ years	Influenza
72	F	60	Psychosis c Cerebral Arterio Sclerosis	5 years	Broncho Pneumonia
73	M	25	Mental Defective (Imbecile)	Birth	Cerebral Hæmorrhage
74	F	11	Mental Defective (Idiot)	Birth	Convulsions and Hydrocephalus
75	M	20	Mental Defective (Idiot)	Birth	Cerebral Congestion and Epilepsy
76	M	54	Schizophrenia (Hebephrenic)	26 years	Exhaustion of Psychosis
77	F	63	Senile Psychosis	2 years	Exhaustion of Psychosis
78	M	68	Psychosis c Cerebral Arterio Sclerosis	1 year	Exhaustion of Psychosis
79	M	76	Senile Psychosis	2 years	Exhaustion of Psychosis

TABLE NO. VII—NATIVITY OF PATIENTS

(1) Admissions, (2) Paroles, (3) Deaths, (4) Deportations, (5) Elopements.

	Admiss.		Paroles		Deaths		Deport.		Elope.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Austria	9	1	2	1	2	0	1	0	0	0
Bukovina	0	1	0	0	0	0	0	0	0	0
Bulgaria	1	0	0	0	0	0	0	0	0	0
Canada	67	65	23	24	24	22	0	0	0	1
Czecho-Slovakia	2	0	0	0	0	0	0	0	0	0
China	4	0	3	0	0	0	0	0	0	0
Denmark	1	0	1	0	0	0	1	0	0	0
England	11	14	6	4	3	3	1	0	1	0
East Indies	0	2	0	1	0	0	0	0	0	0
France	2	1	0	0	0	1	0	0	0	0
Finland	1	0	0	0	0	0	0	0	0	0
Galicia	0	0	0	0	1	0	0	0	0	0
Germany	5	1	0	0	0	0	4	0	0	0
Holland	0	1	0	0	0	1	0	0	0	0
Hungary	0	0	0	0	0	2	0	0	0	0
Iceland	0	0	0	1	0	0	0	0	0	0
Ireland	4	1	3	3	0	1	0	1	0	0
Jugo Slavia	1	0	0	0	0	0	1	0	0	0
Norway	3	6	0	5	1	1	0	0	0	0
Poland	6	5	1	2	0	0	3	1	0	0
Russia	2	7	2	4	0	1	0	0	0	0
Roumania	3	2	1	2	1	1	0	0	0	0
Sweden	6	2	2	0	1	0	0	0	0	0
Scotland	6	4	0	2	2	1	0	0	0	0
United States	22	14	6	6	4	6	2	0	0	0
Ukrainia	2	0	0	0	0	0	0	0	0	0
Total	158	127	50	55	39	40	13	2	1	1
Grand Total	285		105		79		15		2	

TABLE NO. VIII—SHOWING AGE OF:

(1) Admissions, (2) Paroles, (3) Deaths (4) Deportations, (5) Elopements.

	Admiss.		Paroles		Deaths		Deport.		Elope.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1–9 inclusive	6	6	0	0	1	1	0	0	0	0
10–19 inclusive	16	20	7	5	2	5	0	0	0	0
20–29 inclusive	25	18	11	12	4	3	6	2	1	1
30–39 inclusive	36	28	7	15	3	7	4	0	0	0
40–49 inclusive	24	28	9	12	6	7	3	0	0	0
50–59 inclusive	20	15	11	7	5	4	0	0	0	0
60–69 inclusive	19	7	4	2	6	6	0	0	0	0
70–79 inclusive	7	5	0	2	6	6	0	0	0	0
80–89 inclusive	5	0	0	0	6	1	0	0	0	0
90–99 inclusive	0	0	1	0	0	0	0	0	0	0
Total	158	127	50	55	39	40	13	2	1	1
Grand Total	285		105		79		15		2	

TABLE NO. IX—DEPORTATIONS TO OTHER COUNTRIES FOR THE YEAR MAY 1, 1931 TO APRIL 30, 1932.

No.	Sex	Civil condition	Age	Mental diagnosis	Where deported	Date
1	M	S	23	Schizophrenia (catatonic type)	U.S.A.	May 16, 1931
2	M	S	23	Schizophrenia (hebephrenic type)	Germany	June 25, 1931
3	M	S	22	Schizophrenia	Poland	June 27, 1931
4	M	S	33	Schizophrenia (hebephrenic type)	Germany	July 18, 1931
5	F	M	26	Manic Depressive (depressed type)	Ireland	July 25, 1931
6	M	S	35	Schizophrenia (paranoid type)	Poland	Aug. 8, 1931
7	M	S	21	Manic Depressive (depressed type)	Denmark	Sept. 8, 1931
8	F	S	25	Manic Depressive (manic type)	Poland	Oct. 2, 1931
9	M	M	47	Manic Depressive (depressed type)	J. Slavia	Oct. 17, 1931
10	M	S	28	Schizophrenia (hebephrenic type)	Germany	Nov. 20, 1931
11	M	S	25	Schizophrenia (hebephrenic type)	Austria	Jan. 2, 1932
12	M	S	30	Schizophrenia (hebephrenic type)	Poland	Jan. 23, 1932
13	M	S	31	Manic Depressive (depressed type)	Germany	Mar. 6, 1932
14	M	M	41	General Paresis of the Insane	England	Mar. 25, 1932
15	M	S	48	General Paresis of the Insane	U.S.A.	April 23, 1932

TABLE NO. X—COMPARATIVE STATEMENT FROM OPENING OF INSTITUTION TO APRIL 30, 1932

	1921 -22	1922 -23	1923 -24	1924 -25	1925 -26	1926 -27	1927 -28	1928 -29	1929 -30	1930 -31	1931 -32
Admissions (including transfers from other hospitals)	607	341	254	270	271	275	240	385	307	395	285
Paroles	21	146	113	112	143	138	100	121	137	124	105
Deaths	11	90	58	60	65	67	68	96	70	59	79
Deportations	2	6	10	11	15	13	17	24	21	24	15
Elopements	0	5	7	1	1	3	6	4	1	1	2
Transfers to other institutions	0	1	3	0	0	0	0	0	0	0	0
Total remaining on register	573	666	729	815	862	916	965	1,005	1,083	1,270	1,354

First Psychopathic Report.

REGINA, *January 12, 1932.*

F. C. MIDDLETON, M. D., D. P. H.
Deputy Minister of Public Health,
Regina, Sask.

SIR:

I beg to submit the following report of the first year's operation of the psychopathic ward in connection with the Regina General Hospital.

When the psychopathic ward opened for the first patients on December 20, 1930, it was hardly completed, but fortunately the patients at first were not numerous. As knowledge of this branch of work spread in the hospital, patients came in larger numbers, but we have been able, throughout the year, to meet the requests from the practicing physicians, both in the city and in the country, for accommodation for such patients as seem suitable for this ward.

Our normal capacity would be 20 beds, but this fortunately has not often been reached, so that we were able to meet all urgent requests. The average daily number of patients has been somewhere between fifteen and nineteen throughout the various months of the year. The total number of admissions during the first year was 184, of which number 75 were male patients and 94 were female patients. There were 15 re-admissions, which made up the total of 184. Of the total number, some 45 came from the city of Regina and municipalities surrounding it, the balance of 140 coming from the country and the towns in the province. From these figures it will be seen that this work is serving the people of the province to a greater extent than those resident in Regina.

Our patients are in the proportion of 2 from the country to 1 from the city. In the general wards of the hospital, the ratio of patients from the city to patients from the country is about 1 to 1; that is, on an average one-half of the patients in the general wards are from the city, and the other half from the country. Reference to the map setting forth the places of residence of patients in the psychopathic ward shows that they are well scattered over the various areas of the province.

We have accepted, as suitable cases for admission, the milder types of psychosis, and ones in whom there is some doubt as to the diagnosis. Any patient who, after admission, does not show improvement within a reasonable time, is transferred to the Mental Hospital, and we retain the right to direct where and when patients shall be transferred.

During the year it has been necessary to do this with 33 of these patients. The friends and relatives have been notified in each case, and their approval of this transfer has usually been obtained. Of the total number of transfers, that is, 33, most of them were admitted in the first instance to the psychopathic ward with the idea of having them transferred, there having been some difficulty in having this procedure carried out in the areas from which they came.

If one were to judge from the comments of relatives of patients, the fact that there is a place to send patients having the milder types of psychosis, and ones in whom there is some doubt as to the diagnosis, has been much appreciated. There is still in the minds of the public, some stigma attached to having at any time suffered from any type of mental disease, and having had to surrender their personal liberty for that reason.

The care of mental patients by the state has become a great burden on the taxpayer, and the development of psychopathic wards in connection with larger general hospitals would seem to be a solution, in part at least, of this problem. Had there not been such a ward during the past year, over 100 of the 185 patients who were admitted to this hospital would have been compelled to seek admission to the Mental Hospital, and swell the number of admissions of the latter. As it was, they sought treatment here, at their own expense, largely, whereas had they entered the larger institution, it would most likely have been at the expense of the state.

Of the total charges to patients, that is $17,508.60 for the year, they had paid in cash the sum of $10,108.35 by the end of the year, leaving a balance unpaid of $7,400.25. Of this latter amount, $3,658.70 has been accepted by the municipalities in rural districts from which the patients came. These are cases where the municipal authorities, knowing the patients and their circumstances,

have authorized the hospital to accept them as patients. A further amount of $2,094.00 is made up of patients' accounts who are still paying, and who will probably complete payment of their accounts. There is a total of $1,646.70 made up of accounts of patients who are not able to pay anything at present, and are not likely to be able to do so, although in some cases this may not be the case.

The assistance given by the Government over and above the per diem grant amounted to $2,248.61. This is in part due to the fact that while at first the total charges to patients were low, owing to the small number of patients, the cost was high, as it was necessary to have the staff even for a small number. In the latter months our patients increased, and the charges increased accordingly, while the expenses have varied but little. This is shown by the fact that the difference at the end of March 30, 1931, between the cost of operation and the receipts was $1,819.63; at the end of July it was $410.32, and at the end of the year the balance due by the Government was $18.66.

Had the year been a normal one, there would probably have been a surplus, and while it has been necessary to ask the Government to make up this amount of $2,248.61, which is the excess of costs over receipts, still there is an amount of $5,753.55 to offset this. This is the amount of collectible accounts still unpaid.

The value of the work done by the psychopathic ward of this hospital cannot be estimated entirely in dollars, as it has undoubtedly done a great deal for many patients. If the time when these patients must surrender their liberty and give up their occupations has been prolonged even for a month or two, this expenditure of money has been warranted. The fact that they have had to undergo some treatment, even at their own expense, has not been any serious hardship to them, at least, we have not heard such views expressed by either patients or their friends.

Again, their maladjustment to their environment has been in quite a number of cases entirely or in part corrected. Their relatives are often made to understand their difficulties, and can assist them to carry on in the home for a longer or shorter period of time. It is possible to accomplish this when dealing with patients in smaller numbers, where individual attention can be given, as it can in the psychopathic ward. The essential elements of personality are not so readily lost in a small group as in larger groups.

Our equipment for treatment, while not complete, by any means, has worked out fairly satisfactorily. We have had no difficulty with the services supplied by the general hospital. Our nurses, both the staff and those in training, have given constant and diligent attention at all times, and it is due in no small measure to their work that any success we might have had has been accomplished.

We have tried, insofar as it is possible, to keep informed of the progress or otherwise of our patients after they have left our institution. While this could be accomplished more satisfactorily with the assistance of a social service nurse, still we have been able, by correspondence in the majority of cases, to keep in touch with their condition.

The question of further equipment for the work in this hospital has been mentioned. In our hydro-therapy we have recognized from the beginning that we were not complete, and could do with a needle bath for some of the cases. While our present equipment seems to serve some good purpose for these cases, there is a stimulating bath which is very beneficial to such patients. It is hoped that ways and means may be found in the near future to supply this need.

Another matter, which is not strictly in the line of equipment, but rather for improvement of the building, is the closing in of the verandas. At present, these are often, on account of wind and extremes of temperatures, of little value to the patients, whereas if they were glassed in, even though not heated, they could be made use of in the summer and in the fall and spring months. Many of our patients who are unable to go out for exercise, could avail themselves of this means of getting some fresh air. I would recommend this to the department for serious consideration in the near future.

Appended to this report is a schedule of figures setting out various items and totals, which may be of assistance to you in reviewing this work.

The total cost of operation for the first year has not exceeded the total charges to patients by much. For the year, the cost exceeded earnings by an amount of $398.00. This is explained in part by the fact that in our first few months we had not a high average number of patients. It is further explained by the conditions of the times, which have interfered with the patients' ability to pay for private ward accommodation.

The difference between the total cost of operation, $17,900.96, and the total of cash received from patients, $10,108.35, is $7,792.61. Against this there was paid throughout the year in per diem grant, $5,544.00, leaving a difference to be made up of $2,248.61. To offset this defiicit there are standing on the books assets in the form of accounts owing by municipalities and patients able to pay, amounting to $5,753.55.

For this expenditure there has been provided care and treatment for patients to the number of over 100. As was pointed out earlier, had this accommodation not been available for these, there would have been no other way for them to be cared for other than admitting them to the Mental Hospital for some time at least.

The appended schedule of figures sets out the amounts from the hospital books from which the above totals were prepared.

I have the honor to be,

Your obedient servant,

O. E. ROTHWELL, B.A., M.D., C.M.
Director, Psychopathic Ward.

PSYCHOPATHIC DEPARTMENT—DECEMBER 20, 1930—DECEMBER 20, 1931

Month	Cost of operation	Collected from patients	Per diem grant	Difference paid by Government
December 20, 1930, and January, 1931	$ 1,878.76	....	$ 377.00	....
February	1,523.05	$ 1,923.65	344.00	....
March	1,468.47	....	406.00	$ 1,819.63
April	1,477.92	1,109.25	416.00	....
May	1,607.02	....	519.00	....
June	1,557.18	2,700.85	482.00	....
July	1,529.30	....	534.00	410.32
August	1,481.55	....	538.00	....
September	1,424.33	2,410.15	508.00	....
October	1,623.46	....	642.00	....
November	1,394.92	949.75	438.00	....
To Dec. 30,—est.	935.00	1,014.70	340.00	....
Total cost of operation	$17,900.96	$10,108.35	5,544.00	2,229.95
Per Diem Grant	....	5,544.00	....	....
Total Receipts	$15,652.35	$15,652.35		
Difference	$2,248.61			
Received from Government	2,229.95			
Balance due	$ 18.66			

Total cost of operation	$17,900.96	Total charges to patients	$17,508.60
Total No. hospital days	5,544 days	Amount paid by patients	10,108.35
Average per diem cost	3.04	Amount owing by patients	$ 7,400.25
Made up as follows:	Owing by municipalities	$ 3,658.70	
	Owing by patients and likely to be paid	2,094.85	
	Doubtful and likely not collectible	1,646.70	
		$ 7,400.25	

PSYCHOPATHIC HOSPITAL, REGINA.

NATIONALITIES OF PATIENTS ADMITTED FROM DECEMBER 20, 1930, TO DECEMBER 31, 1931.

Country—	Male	Female	Total
Canada	44	51	95
England	10	12	22
Scotland	8	10	18
Ireland	1	..	1
Wales	2	..	2
United States	9	9	18
Roumania	2	..	2
Denmark	1	..	1
Austria	2	3	5
Holland	..	1	1
Germany	2	2	4
Czecho-Slovakia	..	1	1
Russia	3	2	5
Norway	1	3	4
Ukrainia	2	4	6
Switzerland	1	..	1
Poland	..	1	1
Sweden	..	1	1
Total	88	100	188

MOVEMENT OF PATIENTS, DECEMBER 20, 1930 TO DECEMBER 31, 1931.

	Admissions		Discharges		Deaths		Deportations		Transfers		Average number per day
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1930:											
Dec. 20-31	1	6	..	1	..	..	..	..	..	..	4
1931:											
January	10	8	5	4	1	..	..	..	2	2	9
February	9	4	7	3	..	..	..	..	..	1	11
March	4	7	4	7	..	..	..	..	1	2	12
April	7	14	6	6	..	..	..	..	..	2	13
May	10	7	7	8	..	..	..	..	2	3	15.9
June	6	6	2	2	..	..	..	..	1	2	16
July	5	7	6	5	..	..	..	..	..	2	16.7
August	7	6	5	5	..	..	..	1	2	2	16.8
September	6	8	3	6	..	..	..	..	1	2	16.5
October	12	15	12	13	1	..	..	..	1	1	19.7
November	4	3	5	5	..	..	..	..	..	1	14.2
December	7	9	9	2	..	..	..	..	..	4	16.6
Totals	88	100	71	67	2	..	..	1	10	24	
Grand Totals	188		138		2		1		34		

COMPARATIVE STATEMENT, 1931

	Male	Female	Total
Number of patients on Register, Dec. 31, 1930	1	6	7
Admissions—			
New cases	75	87	162
Re-admissions	12	7	19
	87	94	181
Total under care during year	88	100	188
Discharged or Removed—			
Discharged	70	67	137
Deported	..	1	1
Died	2	..	2
Transferred	11	24	35
Total removed from Register during year	83	92	175
Total remaining on Register Dec. 31, 1931	5	8	13

Total admissions during the year 1931	181
Total discharges during the year 1931	137
Percentage of Discharges of Admissions	75.69%
Males admitted during the year 1931	90
Males discharged during the year 1931	70
Percentage of Discharge of Admissions	77.77%
Females admitted during the year 1931	98
Females discharged during the year 1931	67
Percentage of Discharge of Admissions	68.36%
Total number of cases treated during the year	188
Total number of deaths during the year	2
Percentage of deaths of cases treated	1.06%

The Saskatchewan Cancer Commission.

REGINA, *February 1, 1932.*

HONORABLE F. D. MUNROE, M.D., C.M.
Minister of Public Health,
Regina, Sask.

SIR:

I have the honor to submit herewith a report on the work of The Saskatchewan Cancer Commission for the calendar year 1931.

As indicated in the Annual Report for 1930, the commission had ordered one and one-half grammes of radium for use in connection with the program of cancer control in this province, and as provided for in The Saskatchewan Cancer Commission Act. One half-gramme of radium element in the form of bromide was required for the emanation plant, and the other gramme, as radium sulphate, was ordered in platinum containers.

The delivery of this supply was completed in July 1931. The gramme of radium element in the form of sulphate is contained in approximately five hundred and fifty needles and tubes of platinum, having a filtration of from 0.5 mm to 1.0 mm. The radium content of the needles ranges from 0.5 mgs to 2.0 mgs and each tube contains 13.3 mgs.

While awaiting the arrival of the radium supply and during the past spring and summer, it was possible for the commission to complete a part of its organization work, in addition to arranging for the construction of the radium emanation plant.

THE EMANATION PLANT

While the greater proportion of our radium supply is held in platinum containers, and the main technique for the present will be based upon the use of these, yet there appeared to be a definite requirement for supplies of radium emanation. Consequently an emanation plant was constructed by the Commission at the University of Saskatchewan at Saskatoon, under the direction of Dr. E. L. Harrington, Professor of the Department of Physics. The apparatus is constructed according to the latest conceptions regarding such plants, and is composed of two units, each semi-automatic. Every possible precaution has been taken for the protection of the technicians, and supplies of radon for the Regina and Saskatoon clinics are being furnished from this plant upon requisition.

CONSULTATIVE DIAGNOSTIC AND TREATMENT CLINICS

Aside from making available an adequate supply of radium, as well as high-voltage X-ray therapy, the commission considered that the essential part of the program should be the early diagnosis and early treatment of malignancy. In order therefore to facilitate this phase of the work, two consultative diagnostic and treatment clinics have been organized in connection with existing general hospitals, one at the General Hospital, Regina, and the other at the City Hospital, Saskatoon. Each clinic has been supplied with a half-gramme of radium in platinum containers, and radon is available to each clinic as mentioned above.

The Regina clinic was opened in December, 1931, and the opening of the Saskatoon clinic occurred two weeks later during the first week of January, 1932.

In order that the general practitioner of medicine may retain his connection with this program, and as well, in recognition of the important place he can and should occupy in it, only those patients who are referred by their attending physicians as diagnosed or suspect cases of cancer are admitted for consultation. Thus, the general practitioner is expected to do the ground work in diagnosis, and is kept in touch with the commission in the "follow-up" on his patient.

Each hospital in which a clinic is established is required to develop a Department of Cancer Service, where patients shall receive efficient therapy by surgery, radium and high-voltage X-ray. The commission controls the administration of radium and high-voltage X-ray, and consultative diagnosis, and although none of these services are given free of charge, provision has been made whereby every patient requiring treatment may receive it.

I have the honor to be, Sir,

Your obedient servant,

R. O. DAVISON, M.D.
Deputy Chairman.

Vital Statistics Division

REGINA, SASK., *November 9, 1932.*

F. C. MIDDLETON, M.D., D.P.H.,
Deputy Minister of Public Health.

SIR:

I have the honor to submit the report of the Vital Statistics Division for the year 1931.

The total number of registrations were 35,685. This is a decrease of 244 compared with 1930. The registrations by authority were 1,421. These are births, marriages and deaths that were registered after a period of one year or more had elapsed between the date of the event and the date of registration and, as most of these registrations were births, they reveal the large number of parents who neglect to register the births of their children at once.

The several tables and diagrams have been arranged in the usual order: Dominion Population, Births, Marriages, Divorces, Deaths, Indian Statistics and General Tables.

The tables giving the temperature, precipitation and hours of sunshine have been arranged according to the eight health districts into which the province has been divided and three points in each district have been selected as representative of these conditions in each district.

The Dominion Bureau of Statistics has been supplied as usual with transcripts of all birth, marriage and death records from which the report for this province is prepared for the Dominion Report on Vital Statistics. Most of the tables in this report have been prepared by the Demography Branch of the Dominion Bureau of Statistics, to whom the very sincere appreciation of this division is extended for such valuable service.

Ill defined causes of deaths still appear in the classification; in 1931 they numbered 60, an increase of 23 over 1930. As has been emphasized each year, such terms as "Natural Causes", "Sudden Death", "Heart Failure", etc., are of no value for classification purposes and should not be used by physicians when issuing certificates of death.

An examination of the several death tables will reveal the fact that although this province passed through a very severe period of financial depression during the last year, health conditions have evidently not been affected detrimentally by the same. In fact there has been considerable improvement in several of the infectious diseases such as typhoid, the rate being .6 points lower than the previous year and tuberculosis with a rate of 11 points lower than 1930. Two infectious diseases show increase: Scarlet fever .5 points and influenza 10 points.

I take the liberty of quoting the following statement from Dr. William H. Welch, Dean of American Medicine: "Any main retrenchment in health work is bound to be paid for in dollars and cents as well as in the improvement of the people's health generally. We can demonstrate convincingly that returns in economic and social welfare from expenditures for public health service are far in excess of their costs. Too great economy, as far as health is concerned, because of the current depression, is particularly dangerous to the welfare of growing children. Undernourishment of children, for example, is not likely to show itself immediately but is bound to show itself later, when it is probably too late to remedy. The ground lost by undernourishment may never be regained."

In view of the foregoing it is pleasing to note that the infant mortality in this province decreased by 178 during 1931 or 11.1 per cent.

Respectfully submitted,

STUART MUIRHEAD,
Director Vital Statistics Division.

DOMINION TABLES.

According to these tables, the birth rate in Canada is still decreasing. The three maritime provinces show a slight increase, while all the other provinces show a decrease in each case.

The marriage rate also shows a decrease. Prince Edward Island is the only province to show an increase, and that was only .1 point.

The death rates decreased during the year in each of the provinces. Saskatchewan still has the lowest rate in the Dominion.

Of the selected causes of death, this province has the lowest rate in the following causes: Tuberculosis, Diarrhoea, and Enteritis, and Automobile accidents; second lowest in Cancer.

For the first time, this province has the lowest maternal mortality rate. In 1926, Saskatchewan had the highest mortality rate from this cause.

The Infant Mortality rate for Saskatchewan is the fourth lowest in the Dominion. In 1925, this province had the second highest rate from this cause.

TABLE I—BIRTHS IN THE DOMINION (EXCLUSIVE OF STILLBIRTHS) RATE PER 1,000 POPULATION, 1921-1931.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1921	....	24.3	24.9	30.2	....	25.3	30.3	29.7	28.1	20.3
1922	....	24.5	24.0	29.5	....	24.0	28.7	29.0	27.3	18.9
1923	....	22.5	22.0	27.0	....	23.2	26.5	26.8	25.3	18.4
1924	....	21.1	22.1	26.9	....	23.4	24.6	27.0	24.4	18.3
1925	....	19.3	21.2	27.2	....	22.6	23.5	25.4	24.7	18.4
1926	24.7	20.1	21.3	26.1	31.6	21.4	22.9	25.2	23.8	16.6
1927	24.3	19.5	21.6	26.3	31.3	21.0	21.7	25.0	23.5	16.2
1928	24.1	20.5	21.2	25.1	30.8	20.9	21.8	24.7	23.8	16.2
1929	23.5	19.0	20.8	25.3	29.4	20.5	21.0	24.3	24.7	15.7
1930	23.9	19.9	22.1	25.9	29.6	21.0	20.9	24.4	24.9	16.1
1931	23.2	21.4	22.5	26.5	29.1	20.2	20.5	23.1	23.4	14.9

TABLE II—MARRIAGES IN THE DOMINION. RATE PER 1,000 POPULATION, 1921—1931

Year	Canada	P.E.I	N.S.	N.B.	Que..	Ont.	Man.	Sask.	Alta.	B.C.
1921	...	5.8	6.8	8.4	...	8.5	8.7	6.7	7.9	7.4
1922	...	6.6	6.0	7.1	...	7.8	7.8	6.6	7.2	7.0
1923	...	5.2	6.1	7.4	...	8.2	7.3	6.4	6.9	7.3
1924	...	4.6	5.6	7.4	...	7.9	6.6	6.0	6.9	7.3
1925	...	4.7	5.5	7.2	...	7.4	6.9	6.1	7.2	7.5
1926	7.1	5.3	5.6	7.4	6.8	7.5	7.1	6.7	7.4	7.3
1927	7.2	5.5	5.9	7.3	7.0	7.7	7.2	6.8	7.4	7.6
1928	7.6	5.3	6.3	7.8	7.0	7.8	7.8	7.8	8.8	7.7
1929	7.7	5.3	6.8	7.7	7.1	8.3	7.8	7.4	8.8	7.8
1930	7.0	5.5	6.7	6.8	6.6	7.6	7.3	6.3	7.5	6.9
1931	6.4	5.6	6.6	6.2	5.8	6.9	7.0	6.2	7.0	5.6

TABLE III.—DEATHS IN THE DOMINION. RATE PER 1,000 POPULATION. 1921—1931.

Year	Canada	P.E.I	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1921	....	13.6	12.3	14.2	....	11.8	8.8	7.4	8.4	8.0
1922	....	12.6	12.6	13.2	....	11.4	9.3	7.9	8.9	9.1
1923	....	13.1	13.0	12.7	....	11.8	8.6	7.9	8.4	9.2
1924	....	10.0	12.3	12.3	....	10.8	8.0	7.2	8.1	9.0
1925	....	11.5	11.3	12.3	....	10.9	8.3	6.9	7.8	8.8
1926	11.4	10.3	12.4	12.6	14.3	11.3	8.3	7.4	8.5	9.0
1927	10.9	10.5	12.4	12.3	13.6	10.8	8.2	7.2	8.0	9.2
1928	11.1	10.8	12.0	12.4	13.5	11.3	8.1	7.2	8.7	9.2
1929	11.3	12.8	12.9	12.9	13.4	11.4	8.6	7.6	9.1	9.7
1930	10.7	10.9	12.1	12.3	12.7	11.0	8.3	7.0	7.8	9.5
1931	10.1	10.4	11.5	11.4	12.0	10.4	7.6	6.6	7.2	8.8

TABLE IV.—DEATH RATE IN THE DOMINION FOR A SELECTED NUMBER OF DEATHS PER 100,000 POPULATION. 1931.

Province	Diphtheria	Influenza	Tuberculosis All forms	Cancer	Diseases of the heart	Pneumonia	Diarrhoea & Enteritis	Automobile Accidents.
Prince Edward Island	2	8	77	97	31	64	159	6
Nova Scotia	5	37	99	116	24	84	142	10
New Brunswick	7	28	83	100	46	91	128	11
Quebec	11	35	111	84	111	79	122	12
Ontario	5	32	50	109	29	67	169	17
Manitoba	6	23	61	87	24	54	103	9
Saskatchewan	4	28	36	63	25	54	71	5
Alberta	3	25	52	60	24	56	87	9
British Columbia	3	30	95	104	9	43	146	16
Canada	6	31	74	92	50	68	132	13

TABLE V.—INFANT MORTALITY IN THE DOMINION. RATE PER 1,000 LIVING BIRTHS. 1921—1931.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1921	....	83.5	100.7	113.3	....	91.2	83.0	80.6	84.0	56.5
1922	....	70.8	97.6	103.3	....	82.9	94.4	85.6	91.3	68.1
1923	....	89.0	97.5	106.0	....	84.9	85.7	91.9	94.2	66.8
1924	....	71.6	94.7	102.5	....	75.8	75.9	75.9	84.1	56.7
1925	....	69.3	77.8	100.1	....	78.9	79.6	80.8	75.4	55.0
1926	101.8	70.2	80.3	105.9	142.0	78.4	76.5	81.1	85.3	58.4
1927	94.0	66.6	92.3	96.0	129.3	71.1	72.2	74.9	74.5	60.1
1928	89.5	50.9	79.1	95.6	123.6	71.2	67.0	64.4	76.5	50.5
1929	92.1	89.8	89.8	106.5	120.5	76.0	70.6	73.3	77.4	55.4
1930	89.3	75.5	82.6	99.5	120.1	73.8	71.8	72.6	63.6	51.7
1931	84.8	68.1	78.8	87.4	112.9	69.8	64.3	68.6	69.7	49.7

TABLE VI.—MATERNAL MORTALITY IN THE DOMINION. RATE PER 1,000 LIVING BIRTHS. 1921-1931.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1921	...	3.2	4.3	4.1	...	5.2	4.4	5.7	6.7	4.8
1922	...	3.7	5.5	5.1	...	5.2	5.6	5.7	6.9	6.2
1923	...	2.5	7.2	4.6	...	5.3	4.6	5.6	5.6	6.3
1924	...	4.8	6.6	4.6	...	5.8	5.6	6.7	6.2	6.8
1925	...	8.4	5.4	4.7	...	5.5	6.4	5.7	5.8	5.8
1926	5.7	4.6	4.6	6.4	5.2	5.6	5.9	7.1	5.9	6.5
1927	5.6	2.4	6.8	6.2	4.9	6.0	5.1	5.4	6.4	6.7
1928	5.6	6.1	5.2	5.8	5.3	5.8	5.1	5.8	6.5	5.9
1929	5.7	7.8	4.2	7.3	5.3	5.4	6.8	6.2	7.3	5.6
1930	5.8	2.9	6.7	5.4	5.5	6.2	5.2	5.1	6.5	5.8
1931	5.0	6.9	4.8	5.6	4.8	5.4	4.8	4.4	5.0	6.3

POPULATION.

Tables showing the population of Saskatchewan according to the census taken in 1931 are printed herein.

These figures reveal the following facts, that the population of this province increased during the decade by 164,275, or 21.6 per cent. In the previous decade the increase was 53.7 per cent.

The urban population which is composed of cities and towns with a population of 1,000 or over, numbers 186,144, or 20 per cent of the total population. The urban population increased during the decade by 45.8 per cent.

The rural population numbers 735,641, or 80 per cent of the total population. During the decade the rural population increased by 16.6 per cent.

Thus, in this great agricultural province, the urban population is increasing more rapidly than the rural.

The increase of population in the cities was 47.2 per cent; in the towns 6.3 per cent; in the villages 27.9 per cent; in the rural municipalities 17.1 per cent; and the Indian population decreased 7.5 per cent.

TABLE VII.—POPULATION OF SASKATCHEWAN BY MUNICIPALITIES, 1931.

Cities	149,015
Towns	64,817
Villages	76,968
Rural Municipalities	630,985
Total	921,785

TABLE VIII.—POPULATION OF THE CITIES OF SASKATCHEWAN, 1931.

Moose Jaw	21,299
North Battleford	5,986
Prince Albert	9,905
Regina	53,209
Saskatoon	43,291
Swift Current	5,296
Weyburn	5,002
Yorkton	5,027
Total	149,015

TABLE IX—POPULATION OF TOWNS, SASKATCHEWAN, 1931

TOWNS, 1,000 OR OVER.

Assiniboia	1,454	Melfort	1,809
Battleford	1,096	Melville	3,891
Biggar	2,369	Moosomin	1,119
Canora	1,179	Radville	1,005
Estevan	2,936	Rosetown	1,553
Gravelbourg	1,137	Rosthern	1,412
Herbert	1,009	Shaunavon	1,761
Humboldt	1,899	Sutherland	1,148
Indian Head	1,438	Tisdale	1,069
Kamsack	2,087	Watrous	1,303
Kindersley	1,037	Wilkie	1,222
Maple Creek	1,154	Wynyard	1,042

TOWNS UNDER 1,000.

Alameda	321	Francis	169
Alsask	291	Govan	429
Arcola	666	Grenfell	857
Asquith	275	Gull Lake	854
Balgonie	168	Hanley	362
Bredenbury	308	Kerrobert	868
Broadview	885	Langham	412
Cabri	552	Lanigan	384
Carlyle	480	Leader	627
Carnduff	506	Lemberg	509
Caron	208	Lloydminster	977
Craik	521	Lumsden	514
Davidson	560	Macklin	502
Delisle	364	Milestone	404
Duck Lake	538	Morse	439
Eastend	545	Mortlach	335
Eston	566	Nokomis	445
Fleming	251	Ogema	402
Foam Lake	518	Outlook	712

TABLE XI—POPULATION OF TOWNS, SASKATCHEWAN, 1931—*Continued.*

Oxbow	585	Unity	806
Qu'Appelle	673	Vonda	417
Radisson	362	Wadena	582
Rouleau	513	Wapella	452
Saltcoats	461	Watson	375
Scott	269	Whitewood	564
Sintaluta	333	Wolseley	882
Star City	558	Yellow Grass	449
Strasbourg	508	Zealandia	175
Total for Towns	64,817		

TABLE X.—POPULATION OF SASKATCHEWAN BY VILLAGES, 1931.

Abbey	254	Coderre	185
Aberdeen	258	Codette	185
Abernethy	270	Colgate	91
Adanac	57	Colonsay	214
Admiral	248	Conquest	286
Alida	104	Consul	112
Allan	346	Coronach	150
Amulet	62	Craven	140
Aneroid	279	Creelman	198
Antler	164	Cudworth	529
Ardath	84	Cupar	387
Ardill	38	Cut Knife	331
Arran	188	Dafoe	104
Atwater	75	Dalmeny	192
Avonlea	330	Darmody	32
Aylesbury	158	Debden	169
Balcarres	402	Delmas	165
Bangor	116	Denholm	105
Bateman	184	Denzil	246
Beatty	106	Dilke	116
Beechy	138	Dinsmore	256
Belle Plaine	68	Disley	64
Bengough	328	Dodsland	272
Benson	148	Dollard	156
Bethune	264	Domremy	195
Bienfait	528	Drake	158
Big River	413	Drinkwater	177
Birch Hills	474	Druid	72
Birsay	109	Dubuc	250
Bladworth	188	Duff	122
Blaine Lake	572	Dunblane	209
Borden	179	Dundurn	280
Bounty	134	Duval	153
Bracken	165	Dysart	262
Bradwell	132	Earl Grey	252
Bridgeford	38	Eatonia	234
Briercrest	223	Edam	205
Brock	185	Edenwold	176
Broderick	118	Elbow	294
Bromhead	162	Eldersley	105
Brownlee	155	Elfros	246
Bruno	463	Elrose	310
Buchanan	392	Elstow	122
Bulyea	132	Englefeld	115
Burstall	234	Ernfold	165
Cadillac	210	Esterhazy	403
Calder	252	Ettington	20
Canwood	259	Evesham	105
Carievale	194	Expanse	102
Carmichael	102	Eyebrow	223
Cavell	52	Fairlight	139
Central Butte	273	Fenwood	170
Ceylon	270	Fielding	108
Chamberlain	122	Fife Lake	121
Chaplin	208	Fillmore	209
Churchbridge	173	Findlater	102
Climax	258	Flaxcombe	103

TABLE X.—POPULATION OF SASKATCHEWAN BY VILLAGES, 1931.—*Continued*

Forget	280	Lawson	113
Fort Qu'Appelle	545	Leask	214
Forward	33	Lebret	294
Fox Valley	310	Leipzig	122
Frobisher	166	Lemsford	67
Frontier	147	Leney	77
Gainsborough	294	Leross	73
Girvin	110	Leroy	178
Glaslyn	148	Leslie	126
Glenavon	228	Lestock	271
Glen Ewen	190	Liberty	172
Glenside	145	Limerick	350
Glidden	123	Lintlaw	127
Goodeve	269	Lipton	353
Goodwater	122	Lockwood	150
Grayson	248	Loreburn	189
Griffin	191	Loverna	210
Guernsey	150	Lucky Lake	291
Hafford	329	Luseland	402
Hague	343	Macoun	206
Halbrite	177	Macrorie	183
Handel	135	Madison	101
Hardy	57	Maidstone	306
Harris	302	Major	133
Hatton	110	Manor	219
Hawarden	258	Mantario	55
Hazenmore	221	Marcelin	376
Hepburn	247	Marengo	88
Herschel	155	Margo	171
Heward	108	Markinch	146
Hodgeville	209	Marquis	116
Holdfast	275	Marshall	104
Horizon	48	Maryfield	345
Hubbard	143	Mawer	96
Hudson Bay Jct.	410	Maymont	194
Hughton	116	Mazenod	152
Hyas	102	Meacham	221
Imperial	340	Medstead	199
Insinger	121	Mendham	111
Instow	76	Meota	254
Invermay	156	Mervin	225
Ituna	434	Meyronne	337
Jansen	181	Midale	219
Jasmin	65	Milden	190
Kandahar	125	Mitchellton	37
Keeler	82	Montmartre	269
Kelfield	105	Mossbank	329
Kelliher	319	Muenster	102
Kelvington	455	MacNutt	182
Kenaston	223	McGee	79
Kendal	139	McMahon	88
Kennedy	251	McTaggart	88
Khedive	95	Naicam	227
Killaly	145	Netherhill	120
Kincaid	288	Neudorf	480
Kinistino	543	Neville	210
Kinley	113	Nipawin	562
Kipling	470	Norquay	219
Kisbey	337	North Portal	207
Krydor	115	North Regina	783
Kyle	176	Odessa	241
Lafleche	523	Orkney	103
Laird	307	Osage	110
Lake Lenore	215	Otthon	48
Lampman	238	Palmer	61
Lancer	152	Pangman	136
Landis	227	Parkbeg	83
Lang	316	Parkside	179
Langenburg	329	Paynton	160
Lashburn	372	Pelly	241
Laura	121	Pennant	233

TABLE X.—POPULATION OF SASKATCHEWAN BY VILLAGES, 1931.—*Continued.*

Pense	278	St. Gregor	90
Penzance	108	Stockholm	219
Perdue	338	Stornoway	118
Piapot	300	Stoughton	373
Plato	154	Stranraer	81
Plenty	164	Strongfield	97
Plunkett	120	Sturgis	236
Ponteix	535	St. Walburg	388
Portreeve	88	Success	138
Preeceville	350	Summerberry	138
Prelate	555	Swanson	62
Primate	113	Tantallon	190
Prud'homme	250	Tate	89
Punnichy	230	Tessier	173
Quill Lake	277	Theodore	371
Quinton	109	Togo	222
Rabbit Lake	159	Tompkins	379
Rama	124	Torquay	179
Raymore	293	Tramping Lake	228
Readlyn	127	Tribune	132
Redvers	223	Truax	119
Regina Beach	206	Tugaske	196
Revenue	119	Turtleford	325
Rhein	456	Tuxford	159
Richard	135	Tyvan	130
Richlea	130	Val Marie	133
Ridgedale	251	Valparaiso	93
Riverhurst	299	Vanguard	389
Robsart	103	Vanscoy	113
Rocanville	404	Vantage	86
Roche Percee	67	Vawn	72
Rockglen	274	Venn	62
Rockhaven	139	Veregin	254
Ruddell	95	Verwood	201
Rush Lake	139	Vibank	282
Ruthilda	114	Viceroy	206
Salvador	208	Vidora	70
Sceptre	231	Viscount	342
Scotsguard	195	Wakaw	677
Sedley	273	Waldeck	121
Semans	409	Waldheim	448
Senlac	119	Waldron	115
Shackleton	141	Waseca	122
Shamrock	83	Wauchope	106
Sheho	270	Wawota	273
Shellbrook	482	Webb	269
Silton	89	Weldon	181
Simpson	216	Welwyn	254
Smiley	117	Wilcox	284
Southey	301	Willowbrook	103
Sovereign	184	Willow Bunch	508
Spalding	89	Willows	39
Speers	140	Windthorst	207
Springside	198	Wiseton	125
Spring Valley	116	Wood Mountain	127
Springwater	173	Woodrow	218
Spruce Lake	123	Wroxton	107
Spy Hill	116	Wymark	200
St. Boswells	135	Young	340
St. Brieux	148	Zelma	101
Stenen	185		

Total Villages 76,968

TABLE XI.—URBAN AND RURAL POPULATION OF SASKATCHEWAN, 1921—1931.

Year	Urban	Rural	Total
1921	127,622	629,888	757,510
1922	129,528	641,472	771,000
1923	131,544	651,456	783,000
1924	133,896	663,104	797,000
1925	136,080	673,920	810,000
1926	141,238	679,762	821,000
1927	144,062	691,938	836,000
1928	146,463	704,537	851,000
1929	149,147	717,553	866,700
1930	154,871	727,129	882,000
1931	186,144	735,641	921,785

TABLE XII.—POPULATION OF SASKATCHEWAN BY AGE PERIODS, 1931.

Under five years	105,226
Five to nine years	111,209
Ten to fourteen years	110,036
Fifteen to nineteen years	101,033
Twenty to twenty-nine years	149,354
Thirty to thirty-nine years	117,241
Forty to forty-nine years	111,943
Fifty to fifty-nine years	66,330
Sixty to sixty-nine years	31,595
Seventy to seventy-nine years	14,529
Eighty and over	3,100
Unknown	189
Total	921,785

BIRTHS.

There were 21,331 living births registered in 1931, a decrease of 720 compared with 1930 or 3.3 per cent. The birth rate for the province is 23.1 per 1,000, a decrease of 1.9.

In four of the states of the American Union they have higher rates than Saskatchewan. Alabama 24.0, Mississippi 23.9, North Carolina 24.1 and South Carolina 23.6. It will be noted that all these are in the southern belt where there is a large negro population.

The urban births numbered 3,954 a rate of 21.2 per 1,000, a decrease of 5.6 compared with the previous year. These births amounted to 18.5 per cent of the total births.

The rural births were 17,377 which is 81.5 per cent of the total births. In 1930, they were 80.4 per cent showing a slight increase in 1931.

In 1931 the rural municipalities had the highest birth rate and the cities the lowest rate. Among the cities Regina had the highest rate and Moose Jaw the lowest. In the towns of 1,000 population and over Herbert had the highest rate, viz 36.1 and Tisdale the lowest—11.3.

The percentage of births attended by physicians is increasing. In 1931 the percentage was almost 75 per cent.

The number of illegitimate births increased by 35 over the previous year. The rate for the year was 30.5 per 1,000 births. The villages had the highest rate, viz 60.1 per 1,000 births. In the cities, Weyburn had the highest rate and Yorkton the lowest. Of the mothers of illegitimate children 76.8 per cent were between the ages of 15 and 25 years.

The percentage of children born to Canadian born parents continues to increase. In 1931 the Canadian born fathers increased by one per cent and the mothers two per cent.

Seventy-four decimal two per cent of the mothers giving birth to children belonged to the following nationalities: Canadian, British and American.

The average number of children to each family registering a birth was 3.8, an increase of one point over 1930.

Ten per cent of the mothers were under 21 years of age and fifty percent were between 21 and 30 years of age. Thirty-two per cent of the fathers were under 30 years of age.

The table of the birthplaces of mothers gives the following percentage of the total legitimate births: Canada 49.1%, British Isles and possessions 11.1%, United States 13.6%, Austria 4.6%, Poland 4.7%, Russia 7.9%, Scandinavian countries 2.2%, and other European countries 6.3%.

The racial origin of the mothers of legitimate children born during the year was: British 27.8%, German 20.2%, Ukrainian 9.5%, Scandinavian 7.1%, French 6.8% and all others 28.3%.

The birthplaces of the fathers of legitimate children born in 1930 were as follows: Canada 40%, British Isles and possessions 23.5%, United States 14%, Russia 9.4%, Austria 6.3%, Poland 5.1%, Scandinavia 3.3% and all other European countries 8.0%.

The racial origin of the fathers of legitimate children born in 1931 are: British races 39.3%, German 19.4%, Ukrainian 9%, Scandinavian 7.2%, French 6.4% and all others 18.5%.

The births of children to parents of British origin decreased slightly during the year.

Details concerning the mixing of the races will be found in Tables XXXV and XXXVI.

The following extracts will illustrate how the races are mixing: Of the legitimate births in the past year 20.3% of the British fathers intermarried and 16.5% of the British mothers intermarried. Of the German fathers 17.8% intermarried and 21.2% of the German mothers intermarried. Of the Scandinavian fathers 51.8% intermarried and 48.3% of the Scandinavian mothers intermarried. Of the French fathers 27.4% intermarried and 30.8% of the French mothers intermarried.

The principal races with which the British intermarry are in the following order: German, Scandinavian, French and Dutch.

The births to non-resident mothers of the province numbered 100. The births taking place in public institutions in the province were 32.6% of the total births, a slight increase over 1930.

The births to resident mothers of the cities of the province numbered 72.5% of the total births in the cities. The balance of 27.5% was to non-residents of the cities.

The births in the public institutions of the cities numbered 76.3% of the total births in the cities. The births to resident mothers of the cities in which the institutions are located amounted to 50.1% of the total births in the cities, and the births to non-resident mothers of the cities amounted to over 25% of the total births in the cities.

The birth rate still declines. In 1931 it was almost two points lower than the previous year. This is not peculiar to this province as it exists in all the other provinces of the Dominion, in the British Isles, in the other Dominions of the Empire, in the United States and in all European countries.

Diagram II gives the average rate for the five-year period 1914 to 1918 as 29.3. The average rate for the last five-year period 1927 to 1931 is 24.6, a decrease of almost five points compared with the first period mentioned.

TABLE XIII—BIRTH, MARRIAGE AND DEATH RATES FOR THE PROVINCE. 1914—1931 (STILLBIRTHS EXCLUDED).

Year	Total births	Rate per 1,000	Total marriages	Rate per 1,000	Total deaths	Rate per 1,000
1914-1923 (average for ten-year period)	20,299	29.1	5,019	7.2	5,674	8.1
1924	21,539	27.0	4,792	6.0	5,772	7.2
1925	20,582	25.4	4,909	6.1	5,628	6.9
1926	20,716	25.2	5,483	6.7	6,060	7.4
1927	21,015	25.1	5,733	6.9	6,031	7.2
1928	21,261	25.0	6,701	7.9	6,166	7.2
1929	21,446	24.7	6,548	7.6	6,715	7.7
1930	22,051	25.0	5,717	6.5	6,309	7.2
1931	21,331	23.1	5,700	6.2	6,066	6.6

TABLE XIV—BIRTHS, 1914–1931—RATE PER 1,000 LIVING, NUMBER OF DEATHS, AND NATURAL INCREASE.

Year	Estimated population	Total number of births	Total number of births excluding stillbirths	Rate per 1,000 living	Deaths, excluding stillbirths	Natural increase	Natural increase per 1,000
1914	584,826	16,489	16,307	27.9	3,768	12,539	21.4
1915	616,156	17,528	17,277	28.0	3,772	13,505	21.9
1916	647,835	19,243	18,958	29.3	4,776	14,182	21.9
1917	669,273	20,676	20,332	30.4	4,975	15,357	22.9
1918	691,027	21,686	21,230	30.7	9,326	11,904	17.2
1919	712,926	20,959	20,571	28.8	6,164	14,407	20.2
1920	735,060	23,264	22,730	30.9	6,099	16,631	22.6
1921	757,510	22,980	22,399	29.6	5,589	16,810	22.2
1922	771,000	22,815	22,254	28.9	6,105	16,149	20.5
1923	783,000	21,488	20,933	26.7	6,173	14,760	18.1
1924	797,000	22,149	21,539	27.0	5,772	15,767	19.3
1925	810,000	21,156	20,582	25.4	5,628	14,954	18.0
1926	821,000	21,272	20,716	25.2	6,060	14,656	17.9
1927	836,000	21,557	21,015	25.1	6,031	14,984	17.9
1928	851,000	21,824	21,261	25.0	6,166	15,095	17.7
1929	866,700	21,994	21,446	24.7	6,715	14,731	17.3
1930	882,000	22,598	22,051	25.0	6,309	15,742	18.2
1931	921,785	21,908	21,331	23.1	6,066	15,265	17.3

TABLE XV.—BIRTHS, SHOWING INCREASE OR DECREASE EACH YEAR, 1905–1931

Year	Male	Female	Total	Increase or decrease	Percent increase or decrease
1905	1,438	1,475	2,973	....	..
1906	1,999	1,929	3,928	955	32
1907	2,515	2,408	4,923	995	25
1908	3,296	2,988	6,284	1,361	27
1909	3,432	3,078	6,510	226	3.5
1910	3,738	3,404	7,142	632	9
1911	4,482	4,263	8,745	1,603	22
1912	6,050	5,429	11,479	2,734	31
1913	6,601	6,499	13,200	1,721	15
*1914	8,518	7,971	16,489	3,289	25
1915	8,843	8,434	17,277	970	6.
1916	9,895	9,063	18,958	1,681	9.7
1917	10,408	9,924	20,332	1,374	7.2
1918	10,952	10,278	21,230	898	4.4
1919	10,531	10,040	20,571	D 659	D 3.1
1920	11,817	10,913	22,730	2,159	10.5
1921	11,680	10,719	22,399	D 331	D 1.
1922	11,513	10,741	22,254	D 145	D .6
1923	10,849	10,084	20,933	D 1,321	D 5.9
1924	11,157	10,382	21,539	606	2.9
1925	10,620	9,962	20,582	D 957	D 4.4
1926	10,651	10,065	20,716	134	.7
1927	11,531	9,484	21,015	99	.4
1928	11,431	9,830	21,261	246	1.2
1929	11,002	10,444	21,446	185	.9
1930	11,407	10,644	22,051	605	2.8
1931	10,942	10,389	21,331	D 720	D 3.3

*Note.—Beginning with 1914 rates do not include stillbirths.

TABLE XVI.—MALE BIRTHS PER 1,000 FEMALE BIRTHS, 1905–1931.

Year	Male births per 1,000 female births	Year	Male births per 1,000 female births
1905	1,015	1919	1,049
1906	1,036	1920	1,083
1907	1,140	1921	1,090
1908	1,103	1922	1,072
1909	1,111	1923	1,076
1910	1,098	1924	1,075
1911	1,051	1925	1,066
1912	1,114	1926	1,058
1913	1,016	1927	1,021
1914	1,064	1928	1,016
1915	1,048	1929	1,053
1916	1,092	1930	1,072
1917	1,049	1931	1,053
1918	1,066		

Note.—Beginning with 1914 rates do not include stillbirths.



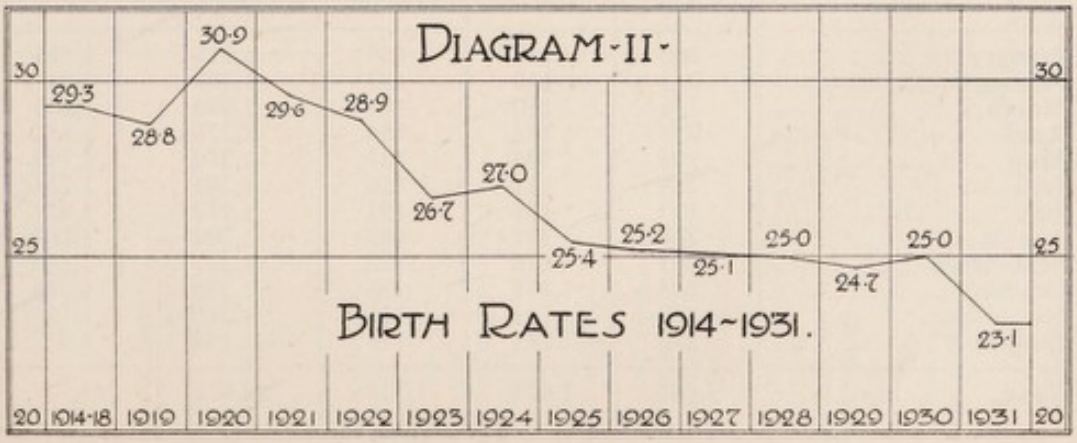


TABLE XVII.—URBAN AND RURAL BIRTHS AND RATE PER 1,000, 1914–1931.
(*Stillbirths not included from 1924 to 1931.)
(Residents only)

Year	Urban births	Rate per 1,000	Rural births	Rate per 1,000
1914	6,895	26.9	9,594	19.4
1915	6,442	27.7	11,086	21.4
1916	6,469	30.6	12,774	25.2
1917	7,192	34.1	13,484	26.7
1918	7,021	32.2	14,665	28.3
1919	7,337	31.0	13,622	22.9
1920	7,964	34.1	15,300	25.8
1921	8,234	37.6	14,746	27.3
1922	7,792	34.3	15,023	26.9
1923	7,347	31.2	14,141	24.4
*1924	3,438	25.1	18,101	27.3
*1925	3,331	24.5	17,251	25.6
*1926	3,306	23.4	17,410	25.6
*1927	3,806	26.0	17,209	26.5
*1928	5,376	35.2	15,885	22.7
*1929	4,066	26.3	17,380	24.4
*1930	4,317	27.8	17,734	24.4
*1931	3,954	21.2	17,377	23.6

Urban centres are those with a population of 1,000 or over.

TABLE XVIII.—BIRTHS BY MUNICIPALITIES GIVING SEX AND RATE PER 1,000 POPULATION, 1931.
(Residents only. Stillbirths excluded)

	Male	Female	Total	Rate per 1,000	Percent of total births
Cities	1,582	1,525	3,107	20.8	14.5
Towns	762	712	1,474	22.7	6.9
Villages	928	848	1,776	23.1	8.3
Rural Municipalities	7,670	7,304	14,974	23.7	70.2
Province	10,942	10,389	21,331	23.1	....

TABLE XIX.—BIRTHS IN MUNICIPALITIES BY MONTHS, 1931
(Residents only. Stillbirths excluded.)

Months	Cities	Towns	Villages	Rural Municipalities	Province
January	260	125	163	1,218	1,766
February	242	132	132	1,139	1,645
March	276	150	173	1,290	1,889
April	258	132	156	1,276	1,822
May	285	105	137	1,270	1,797
June	264	114	156	1,204	1,738
July	273	126	151	1,272	1,822
August	284	127	148	1,304	1,863
September	263	136	170	1,247	1,816
October	243	115	136	1,350	1,844
November	237	101	126	1,248	1,712
December	222	111	128	1,156	1,617
Year	3,107	1,474	1,776	14,974	21,331

TABLE XX—BIRTHS IN CITIES AND TOWNS WITH POPULATION OF 1,000 AND OVER. 1931. (Residents only. Stillbirths excluded.)

Cities and Towns	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Male	Female	Total	Rate
Moose Jaw	41	27	24	36	30	27	37	28	32	23	26	27	182	176	358	16.8
North Battleford	10	14	11	14	8	6	12	7	6	5	10	5	49	59	108	18.0
Prince Albert	20	21	17	13	22	20	14	16	19	15	23	14	114	100	214	21.6
Regina	89	104	122	93	118	113	106	111	100	100	78	96	625	605	1,230	23.1
Saskatoon	75	54	77	67	79	78	84	91	73	82	74	59	460	433	893	20.6
Swift Current	7	10	7	14	16	8	7	8	12	4	7	8	51	57	108	20.4
Weyburn	6	4	5	16	8	9	6	10	11	7	5	5	49	43	92	18.4
Yorkton	12	8	13	5	4	3	7	13	10	7	14	8	52	52	104	20.7
Assiniboia	6	..	2	5	3	..	3	3	1	1	2	3	11	18	29	19.9
Battleford	3	2	3	4	..	2	6	2	4	5	2	2	23	12	35	31.9
Biggar	8	7	1	3	4	4	2	2	4	3	2	2	25	17	42	17.7
Canora	2	4	3	2	3	5	5	4	5	3	2	3	18	23	41	34.8
Estevan	5	7	7	5	5	7	6	5	5	2	7	4	34	31	65	22.1
Gravelbourg	1	6	5	5	3	3	2	4	4	4	3	1	17	24	41	36.1
Herbert	3	2	..	..	..	1	6	4	6	2	1	1	15	11	26	25.8
Humboldt	..	1	4	5	2	6	9	2	5	7	2	4	17	30	47	24.7
Indian Head	2	2	1	2	2	2	1	2	..	4	1	..	11	8	19	13.2
Kamsack	1	3	1	6	2	2	4	3	3	4	1	1	18	13	31	14.9
Kindersley	2	4	..	2	..	1	1	..	1	2	1	1	9	6	15	14.5
Maple Creek	1	..	4	1	..	2	2	2	1	3	1	2	14	5	19	16.5
Melfort	4	3	5	1	5	3	4	7	8	4	4	2	25	25	50	27.6
Melville	9	8	10	10	5	4	10	14	15	4	4	10	60	43	103	26.5
Moosomin	1	2	5	1	2	2	2	4	3	3	..	2	15	12	27	24.1
Radville	1	3	3	2	2	1	2	2	..	..	..	1	10	7	17	16.9
Rosetown	4	3	4	3	1	4	4	1	..	1	4	2	17	14	31	20.0
Rosthern	4	3	2	6	..	3	1	4	3	6	4	2	24	14	38	26.9
Shaunavon	5	7	13	9	4	4	3	3	2	2	..	3	26	29	55	31.2
Sutherland	..	..	1	1	1	..	2	..	2	1	2	3	8	5	13	11.3
Tisdale	4	2	2	1	3	4	..	1	6	..	2	2	14	13	27	25.3
Watrous	1	..	1	2	3	1	3	2	..	4	..	4	9	12	21	16.1
Wilkie	2	3	4	1	2	3	2	2	3	..	5	2	17	12	29	23.7
Wynyard	3	2	2	3	2	2	1	3	2	2	2	2	13	13	26	25.0
Total	332	316	359	338	339	330	354	360	346	310	289	281	2,032	1,922	3,954	21.2

TABLE XXI—PLURAL BIRTHS CLASSIFIED TO SHOW THE NUMBER OF CHILDREN BORN ALIVE AND STILLBORN, 1931.

Classification of births		Total
Cases of twins		291
Two males (both living)		78
One male and one female (both living)		87
Two females (both living)		89
One male living and one male stillborn		9
One male living and one female stillborn		7
One male stillborn and one female living		4
One female living and one female stillborn		10
Two males (both stillborn)		6
Two females (both stillborn)		1
Cases of triplets		1
One male and two females (all living)		1
Total multiple births	No.	292
	M.	285
	F.	300
Total single living births	No.	20,790
	M.	10,682
	F.	10,108
Total single stillbirths	No.	533
	M.	308
	F.	225
Total confinements		21,615

TABLE XXII—ATTENDANCE AT BIRTH AND NUMBER OF CHILDREN WHO DIED AT BIRTH. 1915–1931.

Year	Number of births attended (Stillbirths included)						Deaths at time of birth (Stillbirths not included)		
	Physician		Nurse		No physician or nurse		Physician	Nurse	No physician or nurse
	Number	Per cent.	Number	Per cent.	Number	Per cent.			
1915	10,855	61.9	1,091	6.2	5,582	31.8	183	2	21
1916	12,000	62.4	593	3.1	6,650	34.6	232	2	61
1917	13,251	64.1	597	2.9	6,828	33.0	277	3	65
1918	13,929	64.2	637	2.9	7,120	32.8	365	..	63
1919	13,756	65.6	635	3.0	6,568	31.3	252	..	65
1920	15,433	66.3	401	1.7	7,430	31.9	361	1	60
1921	15,268	66.4	220	1.0	7,492	32.6	325	..	27
1922	15,001	65.8	182	.8	7,632	33.5	299	..	69
1923	14,190	66.0	154	.7	7,144	33.2	306	..	51
1924	15,002	67.7	237	1.1	6,910	31.2	241	3	56
1925	14,126	66.8	223	1.1	6,807	32.2	265	1	50
1926	14,457	68.0	188	.9	6,627	31.1	255	..	43
1927	15,239	70.7	328	1.5	5,990	27.8	286	..	34
1928	15,558	71.3	275	1.3	5,991	27.4	288	..	29
1929	16,150	73.4	225	1.0	5,619	25.5	259	..	50
1930	16,583	73.4	225	1.0	5,790	25.6	304	..	55
1931	16,256	74.2	252	1.2	5,400	24.6	266	..	44

TABLE XXIII—ILLEGITIMATE BIRTHS IN PROVINCE, 1914–1931.

(Stillbirths included.)

Year	Male	Female	Total	Rate per 1,000 of population	Rate per 1,000 births
1914–1923 (average for 10-year period)	85	86	171	.2	8.3
1924	172	172	344	.4	15.5
1925	162	192	354	.4	16.7
1926	214	194	408	.5	19.2
1927	234	198	432	.5	20.0
1928	238	225	463	.5	21.2
1929	282	269	551	.6	25.1
1930	341	292	633	.7	28.0
1931	346	322	668	.7	30.5

TABLE XXIV—LEGITIMATE AND ILLEGITIMATE BIRTHS BY MUNICIPALITIES AND RATE, 1931.

(Residents only. Stillbirths included.)

Municipalities	Legitimate Births		Illegitimate Births		
	Number	Rate per 1,000 population	Number	Rate per 1,000 population	Rate per 1,000 births
Cities	3,036	20.4	167	1.1	52.1
Towns	1,440	22.2	76	1.2	50.1
Villages	1,719	22.3	110	1.4	60.1
Rural Municipalities	15,045	23.8	315	.5	20.5
Province	21,240	23.0	668	.7	30.5

TABLE XXV—LEGITIMATE AND ILLEGITIMATE BIRTHS BY CITIES AND RATES, 1931.

(Residents only. Stillbirths included).

Cities	Legitimate Births		Illegitimate Births		
	Number	Rate per 1,000 population	Number	Rate per 1,000 population	Rate per 1,000 births
Moose Jaw	349	16.4	20	.9	54.2
North Battleford	105	17.5	6	1.0	54.1
Prince Albert	209	21.1	15	1.5	66.9
Regina	1,208	22.7	60	1.1	47.3
Saskatoon	864	20.0	52	1.2	56.8
Swift Current	105	19.8	5	.9	45.5
Weyburn	88	17.6	7	1.4	73.7
Yorkton	108	21.5	2	.4	18.2
All cities	3,036	20.4	167	1.1	52.1

TABLE XXVI—RACIAL ORIGIN AND AGE OF MOTHERS OF ILLEGITIMATE CHILDREN BORN IN 1931.
(Stillbirths included)

Racial Origin	Age of Mother by Period									Total
	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over	Age unknown	
English	..	48	48	11	8	2	1	..	..	118
Irish	1	22	30	4	3	..	1	1	..	62
Scotch	..	27	19	11	6	1	..	..	..	64
Welsh	..	1	1	..	1	..	..	..	..	3
French	..	17	24	3	2	1	1	..	..	48
Austrian	..	1	2	1	3	1	1	..	..	9
Danish	..	3	..	..	..	..	..	..	..	3
Dutch	..	1	4	..	1	1	..	..	..	7
German	..	36	48	12	..	1	1	..	..	98
Hungarian	1	4	8	2	..	..	..	..	..	15
Icelandic	..	1	2	..	..	..	..	..	..	3
Indian	..	10	21	11	4	3	1	..	..	50
Norwegian	1	11	13	4	..	3	1	..	..	33
Polish	..	12	15	7	..	1	..	..	..	35
Roumanian	..	3	1	..	2	..	..	..	..	6
Russian	1	4	5	2	1	2	1	..	..	16
Swedish	..	6	7	1	1	..	..	..	..	15
Ukrainian	..	23	21	15	3	3	1	..	..	66
Other	..	3	5	3	..	1	..	..	1	13
Unknown	..	2	..	..	..	..	..	..	2	4
Total	4	235	274	87	35	20	9	1	3	668

TABLE XXVII—PERCENTAGE OF PARENTS CANADIAN BORN, 1914–1931.

	1914–1923	1924	1925	1926	1927	1928	1929	1930	1931
Fathers	35.9	35.6	36.6	36.5	36.3	36.5	37.7	38.8	39.8
Mothers	36.4	39.3	40.8	41.5	42.0	44.9	46.1	47.7	49.7

TABLE XXVIII—BIRTHS, OCCUPATION OF FATHERS, 1931.

Occupation	Total
Owners, managers, etc.	805
Office employees (including government and municipal)	288
Laborers	2,357
Farmers	13,369
Fishermen	22
Hunters and trappers	162
Shantymen	8
Miners	49
Factory employees	917
Construction	482
Transportation and public utilities	728
Trade and finance	609
Professional service	433
Recreational service	14
Customs and repairs	4
Personal service	248
Miscellaneous	189
No occupation	6
Occupation not given	3
Total	20,693

TABLE XXIX—BIRTHS, SHOWING AGES OF MOTHERS BY PERIODS AND NUMBER OF CHILDREN (including stillbirths), 1930.

Age of Mother	Number of children	Percentage of total births
Under 15 years	4	0.02
15–19 years	1,530	6.98
20–24 years	6,199	28.30
25–29 years	5,747	26.23
30–34 years	4,117	18.79
35–39 years	2,983	13.62
40–44 years	1,182	5.40
45 and over	139	0.63
Age unknown	7	0.03
Total	21,908	100.00

TABLE XXX—BIRTHS, SHOWING NUMBER OF CHILDREN AND NATIONALITY OF MOTHERS (including stillbirths), 1931.

Number of children	Nationality of Mothers					
	Total	Canadian	British	American	Others	Unknown
1st	5,225	3,270	517	536	898	4
2nd	4,376	2,367	532	545	930	2
3rd	3,130	1,578	372	450	729	1
4th	2,324	1,086	340	341	557	..
5th	1,792	762	231	319	477	3
6th	1,336	537	156	207	435	1
7th	1,074	388	107	191	388	..
8th	774	287	71	115	301	..
9th	594	226	32	104	232	..
10th	474	153	35	64	222	..
11th	289	79	22	33	155	..
12th	210	59	6	26	119	..
13th	119	25	8	17	69	..
14th	94	24	5	6	59	..
15th	44	13	...	6	25	..
16th	29	9	...	1	19	..
17th	10	2	...	1	7	..
18th	2	...	...	1	1	..
19th	3	1	...	...	2	..
20th	3	1	...	...	2	..
21st	1	...	...	...	1	..
23rd	1	...	...	...	1	..
No. of children not given	4	1	...	1	1	1
Total	21,908	10,868	2,434	2,964	5,630	12

TABLE XXXI—BIRTHS, SHOWING AGES OF MOTHERS AND NUMBER

Number of children	Under 15 years	15–19 years					20–24 years					25–29 years			
	Canadian	Canadian	British	American	Others	Unknown	Canadian	British	American	Others	Unknown	Canadian	British	American	Others
1st	4	984	53	65	98	1	1,623	205	258	491	1	481	163	155	225
2nd	..	238	5	19	29	..	1,259	152	257	360	2	601	177	182	369
3rd	..	28	1	3	2	..	637	65	109	189	1	559	122	177	314
4th	..	4	..	..	..	..	263	22	50	59	..	437	79	134	230
5th	..	..	..	..	..	..	96	11	20	25	..	301	43	102	182
6th	..	..	..	..	..	..	23	2	4	5	..	173	18	55	122
7th	..	..	..	..	..	..	3	1	1	3	..	101	6	34	66
8th	..	..	..	..	..	..	..	..	..	..	..	44	2	14	24
9th	..	..	..	..	..	..	..	..	..	..	..	18	1	6	12
10th	..	..	..	..	..	..	..	..	..	..	..	8	1	..	6
11th	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..
12th	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
13th	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14th	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15th	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16th	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17th	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18th	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19th	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20th	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21st	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23rd	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
No. of children not given	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..
Total	4	1,254	59	87	129	1	3,905	458	699	1,133	4	2,725	612	859	1,551

OF CHILDREN (Including Stillbirths), BY NATIONALITY, 1931.

30–34 years					35–39 years					40–44 years				45 years and over				Age unknown		Total
Canadian	British	American	Others	Unknown	Canadian	British	American	Others	Unknown	Canadian	British	American	Others	Canadian	British	American	Others	Canadian	Unknown	
134	63	41	62	.	36	27	12	20	.	8	6	4	2	..	..	1	..	.	2	5,225
185	122	67	131	.	67	56	17	35	.	15	20	3	6	1	..	..	..	1	.	4,376
216	98	107	134	.	116	66	48	74	.	19	20	6	13	3	..	..	3	.	.	3,130
222	107	103	176	.	124	87	37	77	.	30	42	17	12	3	3	..	3	3	.	2,324
216	85	105	179	2	107	59	71	71	1	40	29	19	17	2	4	2	3	.	.	1,792
186	49	83	156	1	123	62	56	115	.	29	25	9	35	3	..	..	2	.	.	1,336
137	32	69	165	.	106	36	67	113	.	39	30	18	39	2	2	2	2	.	.	1,074
108	17	44	124	.	98	28	50	113	.	34	22	5	29	3	2	2	11	.	.	774
61	6	34	78	.	102	18	50	103	.	40	6	13	34	5	1	1	5	.	.	594
40	10	11	54	.	62	14	34	94	.	38	10	16	60	5	..	3	8	.	.	474
13	1	6	36	.	37	11	13	69	.	22	10	14	43	5	..	..	7	.	.	289
1	..	3	21	.	26	3	12	47	.	30	2	10	45	2	1	1	5	.	.	210
5	1	2	2	.	8	2	8	37	.	12	3	6	25	..	2	1	5	.	.	119
1	..	..	2	.	12	1	2	20	.	8	4	4	30	3	..	..	7	.	.	94
..	..	..	2	.	1	..	2	9	.	10	..	4	13	2	..	..	1	.	.	44
..	..	..	1	.	3	..	..	5	.	4	..	1	9	2	..	..	4	.	.	29
..	..	..	..	.	..	..	..	..	.	2	..	1	5	..	..	..	2	.	.	10
..	..	..	..	.	..	..	1	..	.	..	..	..	..	..	..	..	1	.	.	2
..	..	..	..	.	..	..	..	..	.	1	..	..	2	..	..	..	..	.	.	3
..	..	..	..	.	..	..	..	1	.	1	..	..	1	..	..	..	..	.	.	3
..	..	..	..	.	..	..	..	1	.	..	..	..	..	..	..	..	..	.	.	1
..	..	..	..	.	..	..	..	..	.	..	..	..	..	..	..	..	1	.	.	1
..	..	..	..	.	..	..	..	..	.	..	..	1	..	..	..	..	..	.	1	4
1,525	591	675	1,323	3	1,028	470	480	1,004	1	382	229	151	420	41	15	13	70	4	3	21,908

TABLE XXXII—BIRTHS (Exclusive of Stillbirths)

Age of father	Total	Age of Mother														
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
17 years	3	..	..	..	..	1	..	2	..	..	..	..	..	..	..	..
18 years	9	..	..	..	2	1	2	..	4	..	..	..	..	..	..	..
19 years	40	..	..	..	2	2	13	9	6	2	4	..	1	1	..	..
20 years	100	..	..	1	3	3	14	25	22	14	8	4	2	..	2	..
21 years	223	..	..	..	6	13	29	43	32	40	24	17	7	7	1	2
22 years	369	..	..	1	4	21	43	56	59	61	64	26	19	5	4	3
23 years	551	..	..	1	6	21	49	64	75	88	90	72	35	24	15	4
24 years	683	..	..	2	..	19	48	58	95	97	120	78	74	30	25	18
25 years	777	..	..	..	4	15	36	65	80	104	98	119	95	81	37	19
26 years	848	..	..	..	6	11	31	66	90	89	121	110	99	63	80	36
27 years	925	..	..	1	1	12	34	46	72	92	121	103	126	87	67	58
28 years	1,092	..	..	..	..	11	28	51	65	85	112	113	135	116	113	86
29 years	990	..	..	..	1	12	13	33	57	59	85	90	117	110	94	98
30 years	1,026	..	..	1	..	4	15	27	50	64	73	91	105	89	112	104
31 years	1,024	..	..	..	..	3	11	20	23	54	57	77	89	84	94	113
32 years	935	..	..	..	..	1	4	19	32	39	48	53	69	84	79	99
33 years	880	..	..	..	1	1	5	20	18	35	43	67	54	61	72	53
34 years	839	..	..	..	..	1	4	11	23	24	26	53	65	45	53	65
35 years	838	..	..	..	..	4	6	4	8	26	26	43	43	58	51	43
36 years	853	..	..	..	1	1	7	5	9	17	20	33	35	43	63	62
37 years	772	..	..	..	..	..	3	4	13	10	18	29	24	42	29	63
38 years	843	..	..	..	1	..	6	3	8	9	19	26	25	33	31	40
39 years	770	..	..	..	..	1	6	5	3	9	12	19	24	21	25	30
40 years	745	..	..	..	..	..	1	5	8	7	9	14	26	20	23	38
41 years	694	..	..	..	..	..	1	2	4	10	9	5	14	13	18	26
42 years	629	..	..	..	..	..	..	1	5	4	7	11	10	11	16	27
43 years	564	..	..	..	..	..	1	2	3	1	5	22	11	13	12	12
44 years	454	..	..	..	..	..	2	3	2	2	4	8	8	3	8	10
45 years	417	..	..	..	..	..	1	2	1	..	..	5	6	9	6	5
46 years	318	..	..	..	..	..	..	..	1	1	1	1	2	4	9	7
47 years	296	..	..	..	..	..	1	2	3	1	1	6	3	6	4	14
48 years	295	..	..	..	..	..	..	..	1	..	2	1	5	1	5	4
49 years	194	..	..	..	..	..	..	..	..	1	1	3	2	2	1	2
50 years	171	..	..	..	..	..	..	..	..	1	1	3	1	1	2	4
51 years	101	..	..	..	..	..	..	..	..	1	..	..	..	3	2	3
52 years	109	..	..	..	..	..	2	..	1	..	..	..	2	1	1	3
53 years	76	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1
54 years	42	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..
55 years	46	..	..	..	..	..	..	..	..	..	1	..	2	..	..	1
56 years	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
57 years	26	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
58 years	27	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
59 years	13	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
60 years	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
61 years	11	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
62 years	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
63 years	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
64 years	5	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
65 and over	10	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..
Not stated	8	..	..	..	..	..	..	1	..	..	..	1	2	..	1	1
Children born to married mothers	20,693	..	..	7	38	158	416	654	873	1,047	1,232	1,306	1,339	1,174	1,158	1,157
Children born to unmarried mothers	638	1	3	12	22	55	75	55	74	71	52	44	29	24	21	11
Children born to all mothers	21,331	1	3	19	60	213	491	709	947	1,118	1,284	1,350	1,368	1,198	1,179	1,168

ASSIFIED ACCORDING TO AGES OF PARENTS, 1931.

Age of Mother

8	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	Not stated
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	1	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	2	1	5	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	4	4	3	4	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	10	3	7	4	2	2	..	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..
53	21	9	7	5	4	2	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1
93	35	25	11	4	8	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
77	65	39	15	9	7	2	2	..	3	2	..	..	..	..	..	..	..	..	..	..	..	..
81	67	55	36	22	10	6	4	6	1	1	1	..	..	..	..	..	1	..	..	..	..	..
10	76	67	67	27	21	8	7	6	2	2	3	..	2	1	..	..	..	..	..	..	..	..
98	70	54	65	50	23	14	10	8	4	1	4	5	..	1	1	..	..	..	..	..	..	..
82	73	65	74	57	49	22	8	5	5	4	3	1	1	..	1	..	..	..	..	..	..	..
66	72	68	54	47	57	42	21	21	7	3	6	4	..	1	..	..	..	..	..	..	..	..
54	71	78	66	49	59	52	51	16	15	7	6	1	..	..	..	1	..	..	..	..	..	..
59	64	49	55	67	56	58	53	39	24	18	6	5	..	3	1	..	..	..	..	..	..	..
39	43	62	54	55	42	50	59	47	40	20	15	6	4	..	1	..	..	..	..	..	..	..
55	61	50	50	60	58	65	62	57	50	37	20	4	8	4	..	1	..	..	..	..	..	..
43	49	42	53	52	60	66	58	53	45	42	21	10	9	5	3	1	1	2	..	..	..	..
28	30	54	33	50	39	52	50	53	58	47	37	30	18	7	7	..	..	..	..	..	..	1
13	23	33	68	41	35	50	51	63	57	56	35	35	20	8	3	..	..	..	1	..	..	..
28	26	32	40	47	31	33	43	48	39	52	38	35	24	13	3	4	..	..	1	..	..	..
16	23	32	24	26	39	24	23	49	51	41	42	29	23	15	17	6	2	..	..	..	..	..
21	15	14	25	20	27	28	30	29	36	32	36	21	20	24	15	9	1	1	..	..	..	..
6	16	16	15	16	23	26	41	31	21	32	31	29	18	26	20	5	3	5	1	1	..	..
5	8	8	10	12	16	23	23	24	21	27	23	33	16	10	10	9	6	7	1	..	..	..
3	6	13	8	10	4	13	12	12	42	21	21	19	21	18	13	8	7	3	1	..	..	..
9	11	11	5	18	10	15	17	10	19	37	21	21	14	18	12	15	5	5	3	..	..	..
8	6	6	5	6	5	3	10	12	10	17	19	17	11	17	9	8	7	2	1	3	..	..
2	4	5	4	6	7	11	8	6	9	12	12	18	13	12	13	9	6	..	1	..	..	..
1	1	5	2	2	2	2	3	3	11	8	9	7	15	6	3	3	3	1	4	1	..	..
2	2	3	1	6	2	6	7	3	8	6	6	13	3	9	6	4	3	4	1	3	1	..
2	1	2	1	1	5	5	4	5	4	6	2	6	6	6	7	3	4	2	1	..	..	..
..	..	2	1	..	..	3	3	1	2	1	5	2	2	7	4	2	1	1	..	2	1	..
2	..	..	..	1	2	4	2	1	..	7	1	2	2	2	3	4	7	1	1	..	..	..
..	..	1	1	1	..	..	2	6	1	1	2	3	3	6	3	3	1	1	..	..	..	..
..	..	..	2	..	1	1	2	1	2	2	4	2	..	5	2	..	1	..	..	..	..	..
2	1	..	2	2	3	2	1	..	2	1	2	1	1	4	..	..	..	..	..	..	1	..
..	..	2	..	1	..	3	1	..	1	1	1	..	..	1	1	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	1	..	2	1	..	1	1	1	..	1	1	..	..	..	..
1	1	..	..	..	..	..	..	..	2	..	..	..	2	1	2	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	1	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	..
..	..	..	..	..	..	..	1	1	1	..	2	..	..	2	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
094	958	912	873	779	710	696	670	618	594	548	438	361	258	234	162	96	63	36	17	10	3	4
13	12	10	7	9	4	2	4	5	2	7	2	4	1	2	1	1	1	..	..	..	..	2
107	970	922	880	788	714	698	674	623	596	555	440	365	259	236	163	97	64	36	17	10	3	6

TABLE XXXIII—LEGITIMATE BIRTHS (Exclusive of Stillbi

Birthplace of Mother	Total	Age of Mother											
		15	16	17	18	19	20	21	22	23	24	25	26
Canada	10,175	6	36	135	344	515	622	683	794	770	775	622	595
Prince Edward Island	52	..	..	..	..	..	..	1	..	..	4	2	3
Nova Scotia	108	..	..	..	1	..	1	3	..	5	6	6	4
New Brunswick	76	..	..	..	2	2	4	3	3	1	1	1	6
Quebec	549	..	..	2	5	11	13	14	23	24	31	35	32
Ontario	1,798	1	..	7	10	27	27	56	74	72	82	83	89
Manitoba	1,708	..	4	11	29	44	59	74	115	107	125	106	97
Saskatchewan	5,689	5	32	112	290	415	499	518	560	543	514	377	351
Alberta	143	..	..	2	6	12	16	12	10	12	10	8	11
British Columbia	52	..	..	1	1	4	3	2	9	6	2	4	2
British Isles	2,272	1	..	4	16	24	51	75	80	105	111	103	94
England	1,438	1	..	2	10	18	35	51	46	69	68	68	58
Ireland	215	..	..	2	1	1	2	9	9	13	12	13	4
Scotland	567	..	..	..	4	4	11	15	20	22	27	21	30
Wales	49	..	..	..	1	1	3	..	5	1	4	1	2
Other	3	..	..	..	..	..	..	..	..	..	..	..	..
British Possessions	30	..	..	..	..	..	..	1	..	1	3	1	3
Newfoundland	8	..	..	..	..	..	..	..	..	..	..	..	..
Other	22	..	..	..	..	..	..	1	..	1	3	1	3
Europe	5,348	..	1	11	30	75	122	169	226	264	276	293	297
Austria	955	..	..	2	3	11	18	21	38	37	38	54	48
Belgium	77	..	1	..	1	..	2	1	4	7	6	2	3
Denmark	60	..	..	..	..	1	..	3	3	2	3	1	4
Finland	19	..	..	..	..	..	..	..	2	1	..	3	..
France	72	..	..	..	..	1	1	1	1	4	1	2	3
Germany	335	..	..	1	1	6	6	20	13	18	25	15	23
Holland	36	..	..	..	1	..	..	3	..	1	1	3	..
Hungary	309	..	..	..	1	10	8	8	9	14	14	12	17
Italy	17	..	..	..	1	1	..	..	..	..	2	..	..
Norway	259	..	..	..	2	6	3	3	7	10	8	12	13
Poland	981	..	..	3	5	12	31	33	46	68	70	64	68
Roumania	252	..	..	..	2	5	13	11	12	10	18	9	19
Russia (1)	1,638	..	..	5	10	18	31	52	78	80	77	94	82
Sweden	151	..	..	..	1	1	6	6	5	6	6	11	6
Other	187	..	..	..	2	3	3	7	8	6	7	11	11
Asia	24	..	..	..	..	..	1	..	2	1	3	1	2
China	7	..	..	..	..	..	..	..	1	..	1	..	..
Japan	2	..	..	..	..	..	..	..	..	..	1	..	..
Other	15	..	..	..	..	..	1	..	1	1	1	1	2
United States	2,823	..	1	8	25	40	75	119	129	164	169	154	167
Various	15	..	..	..	1	..	1	..	1	..	2	..	..
Not Specified	6	..	..	..	..	..	1	..	..	1	..	..	..
Total	20,693	7	38	158	416	654	873	1,047	1,232	1,306	1,339	1,174	1,158

(1) Including the Ukraine.

FIED ACCORDING TO AGE AND BIRTHPLACE OF MOTHERS, 1931.

Age of Mother

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	Not stated
403	348	338	288	269	229	249	232	193	159	150	131	94	75	43	20	19	9	7	1	1	4
3	4	1	7	2	3	6	1	3	1	2	1	3	1	..	..	..	..	..	..	..	..
5	8	10	5	9	6	7	4	5	3	3	2	..	1	2	..	..	..	..	..	..	..
5	4	3	1	1	6	5	2	2	9	2	1	1	2	..	..	1	..	..	..	..	..
38	13	24	26	34	21	31	21	23	17	13	16	10	6	2	1	..	3	..	..	..	..
112	83	96	81	100	79	64	89	55	66	57	50	45	36	18	11	9	3	4	..	..	..
83	91	72	66	57	53	57	47	46	33	31	35	15	11	8	5	4	..	1	1	..	..
149	137	126	100	64	59	75	67	57	28	42	23	19	18	13	3	5	3	2	..	1	4
6	3	4	1	1	2	4	1	1	..	..	3	1	..	..	..	..	..	..	..	..	..
2	5	2	1	1	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..
126	127	131	102	94	107	104	95	88	83	73	59	54	37	41	20	5	8	1	..	..	..
77	69	91	59	63	76	60	61	53	49	50	36	32	28	26	16	3	6	1	..	..	..
11	10	10	12	4	5	14	14	8	9	7	8	7	2	4	..	2	..	..	..	..	..
37	44	29	31	26	23	29	18	24	23	13	14	11	7	10	3	..	2	..	..	..	..
1	4	1	..	..	3	1	2	1	2	3	1	4	..	1	1	..	..	..	..	..	..
..	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..
2	4	2	1	..	..	1	2	2	..	..	3	1	..	..	..	..	..	..	..	..	..
1	1	1	1	..	..	..	1	1	..	..	2	..	..	..	..	..	..	..	..	..	..
1	3	1	..	..	..	1	1	1	..	..	1	1	..	..	..	..	..	..	..	..	..
281	292	263	256	244	218	215	197	195	218	142	114	74	98	57	44	32	14	9	9	2	..
40	43	54	51	49	45	51	32	45	49	29	22	12	16	15	10	5	5	3	2	..	..
9	5	4	2	2	2	1	4	1	2	5	1	1	1	..	..	..	..	..	..	..	..
1	7	2	8	3	2	2	2	1	2	1	1	2	1	..	..	..	..	..	..	..	..
2	1	1	1	2	..	1	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..
5	2	1	2	5	7	2	2	3	6	3	2	2	4	1	..	1	..	..	..	..	..
22	18	15	16	12	3	18	13	9	10	8	5	2	3	..	5	2	1	..	..	..	..
1	3	2	..	2	3	2	..	3	..	..	..	..	..	..	1	..	..	..	..	..	..
25	23	18	13	17	11	11	13	4	13	8	9	3	4	5	2	1	..	..	..	..	..
..	1	..	2	..	4	1	1	..	2	1	..	..	1	..	..	..	..	..	..	..	..
13	5	20	11	10	16	14	13	9	9	13	7	5	9	2	2	3	..	1	..	..	..
47	63	50	39	35	28	34	31	22	21	18	23	4	17	3	6	3	1	2	3	1	..
9	8	12	11	14	9	9	12	11	15	3	6	5	5	2	1	2	..	..	1	..	..
90	97	69	83	75	70	61	60	73	75	45	31	32	27	24	14	13	5	3	2	1	..
5	5	6	7	10	6	2	7	6	7	5	4	5	6	3	3	2	1	..	1	..	..
12	11	9	10	8	12	6	5	8	7	3	3	1	4	1	..	..	1	..	..	..	..
3	1	..	1	..	..	..	..	3	1	..	1	..	..	1	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	1	..	1	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..
143	138	139	130	102	138	99	92	113	87	73	53	35	24	19	11	7	5	..	..	..	..
..	1	..	..	1	3	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
..	1	..	1	..	1	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
958	912	873	779	710	696	670	618	594	548	438	361	258	234	162	96	63	36	17	10	3	4

TABLE XXXIV—LEGITIMATE BIRTHS (Exclusive of Stillbirt

Racial Origin of Mother	Total	Age of Mother												
		15	16	17	18	19	20	21	22	23	24	25	26	2
English	3,679	1	4	38	72	102	149	181	202	218	212	200	173	2
Irish	1,821	1	3	16	31	45	58	89	115	111	121	106	87	
Scotch	2,190	2	5	8	27	68	63	111	100	128	142	122	124	1
Welsh	83	..	1	..	1	4	5	1	6	5	3	3	3	
French	1,409	1	2	12	34	52	68	56	84	90	92	66	69	
Armenian	1	..	..	..	..	..	..	..	..	..	..	..	..	
Austrian	371	..	..	2	8	7	13	21	22	21	33	21	28	
Belgian	97	..	1	..	1	1	3	3	8	8	7	2	5	
Bulgarian	1	..	..	..	..	..	..	..	..	1	..	..	..	
Chinese	5	..	..	..	..	..	..	..	..	..	1	..	..	
Czech and Slovak	140	..	1	1	1	2	2	6	10	5	11	11	10	
Danish	118	..	..	..	5	2	4	6	10	5	6	7	5	
Dutch	632	..	..	4	13	14	21	29	35	29	37	39	40	
Finnish	47	..	1	1	2	4	2	..	3	2	1	7	5	
German	4,190	1	6	25	92	128	174	225	275	288	286	267	274	2
Greek	6	..	..	..	..	..	..	..	..	1	1	1	..	
Hindu	1	..	..	..	..	..	..	..	..	..	..	..	..	
Hungarian	415	..	1	6	9	19	21	21	24	27	32	19	22	
Icelandic	72	..	..	..	..	2	2	2	5	5	4	3	1	
Indian	482	..	3	6	18	23	39	23	20	33	30	14	31	
Italian	20	..	..	..	1	1	2	..	..	..	1	..	1	
Japanese	2	..	..	..	..	..	..	..	..	..	1	..	..	
Jewish	53	..	..	..	..	..	..	1	3	3	2	3	4	
Negro	6	..	..	..	..	..	..	..	..	..	1	1	..	
Norwegian	892	1	..	2	19	28	34	49	51	52	61	48	51	
Polish	616	..	2	3	11	18	27	28	37	43	37	49	43	
Roumanian	183	..	1	3	2	10	13	12	9	13	18	9	11	
Russian	630	..	2	3	13	23	27	42	41	39	36	35	26	
Serb and Croat	27	..	..	..	..	..	1	3	1	..	3	..	..	
Swedish	401	..	2	5	6	7	24	19	20	23	23	26	19	
Swiss	54	..	..	1	..	2	4	3	..	7	2	5	2	
Syrian	20	..	..	..	1	..	2	1	1	2	1	1	2	
Ukrainian (1)	1,965	..	3	22	47	91	114	111	147	143	130	109	117	1
Other	20	..	..	..	..	..	..	2	..	1	2	..	1	
Not specified	44	..	..	..	2	1	1	2	3	3	2	..	4	
Total	20,693	7	38	158	416	654	873	1,047	1,232	1,306	1,339	1,174	1,158	1,1

(1) Including Galician and Bukovinian.

SIFIED ACCORDING TO AGE AND RACIAL ORIGIN OF MOTHERS, 1931.

	Age of Mother																					
	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	Not stated
	173	149	205	124	133	149	120	120	118	88	85	72	58	50	38	25	12	10	1	..	..	..
	89	92	78	76	54	59	67	68	35	60	46	42	38	16	13	3	8	2	1	..	..	..
	106	110	99	94	85	94	73	73	75	54	60	31	37	26	17	9	3	4	2	..	1	..
	5	3	3	3	1	4	3	2	1	3	2	1	4	2	2	1	..	..	..	..	..	..
	68	54	55	52	58	48	58	42	48	36	33	31	17	14	12	2	2	3	1	..	..	..
	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
	15	18	21	24	14	10	16	6	9	11	4	1	3	1	4	1	1	2	..	..	..	..
	9	4	3	4	1	2	1	4	2	2	3	2	2	1	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..
	10	6	3	8	5	3	8	3	4	4	1	..	..	3	..	..	..	..	..	..	..	..
	5	12	2	8	5	5	2	3	2	3	3	2	2	1	..	..	..	..	..	..	..	..
	24	31	22	28	22	25	27	21	22	15	15	11	6	7	6	3	1	..	1	..	..	..
	4	1	..	1	2	..	1	3	1	..	..	1	..	..	1	1	..	..	..	..	..	..
	206	194	162	132	140	113	115	113	123	117	74	59	41	39	31	25	12	4	6	4	1	1
	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	22	20	18	16	11	11	8	13	5	10	8	7	4	1	4	1	1	..	..	..	..	..
	1	3	4	4	3	6	4	2	3	5	1	4	2	1	1	..	..	..	..	..	..	..
	21	19	18	15	9	15	17	15	12	5	13	11	4	9	6	1	2	1	1	...	..	3
	..	1	..	2	..	4	1	1	..	2	1	..	..	1	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	2	4	2	1	4	1	2	1	2	1	1	3	..	2	..	..	..	..	..	..	..	..
	..	..	..	..	2	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
	39	26	39	39	29	40	37	29	32	23	25	16	10	11	6	6	5	1	1	..	..	..
	29	39	25	18	18	21	16	10	8	11	9	12	2	6	2	4	2	1	1	2	1	..
	9	3	7	4	8	3	7	5	5	7	1	2	2	3	1	2	1	..	..	1	..	..
	29	31	23	29	19	16	20	18	14	23	11	10	3	9	4	..	4	2	..	..	..	..
	1	2	..	..	3	3	..	1	2	1	..	..	..	..	..	..	..	1	..	..	..	..
	18	13	12	23	17	12	7	15	15	10	10	9	8	9	3	3	3	1	..	1	..	..
	1	1	1	4	..	4	1	2	1	1	1	3	..	1	..	..	..	..	1	..	..	..
	3	1	1	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..
	61	70	64	65	66	45	57	45	52	53	30	28	13	21	10	9	6	4	1	2	..	..
	3	2	2	1	1	..	..	1	..	2	..	..	1	..	..	..	..	..	..	..	..	..
	4	3	3	3	..	3	1	2	..	1	..	2	1	..	..	..	..	..	..	..	..	..
	958	912	873	779	710	696	670	618	594	548	438	361	258	234	162	96	63	36	17	10	3	4

TABLE XXXV—BIRTHS (Exclusive of Stillbirths) CLA

Birthplace of Father	Total	Birthplace of Mother													
		Canada									British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	England	Ireland	Scotland	Wales	Other
Canada	8,232	32	70	51	421	1,186	999	3,253	72	32	418	47	200	8	
Prince Edward Island	92	15	..	4	1	20	9	15	..	1	3	..	6	..	
Nova Scotia	155	..	21	6	2	24	15	35	..	1	14	2	7	1	..
New Brunswick	90	1	1	13	3	17	5	14	..	..	6	..	5	..	..
Quebec	708	1	4	4	291	57	62	118	5	4	21	5	10	..	..
Ontario	2,511	11	35	14	54	778	242	505	24	12	202	25	100	3	..
Manitoba	1,446	1	5	2	27	131	446	464	13	5	70	6	28	2	..
Saskatchewan	3,117	3	4	7	38	152	210	2,056	17	6	96	9	43	2	..
Alberta	82	..	..	1	4	4	7	35	13	..	5	..	1	..	..
British Columbia	29	..	..	..	1	3	3	11	..	3	1	..	..	..	..
Province not specified	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
British Isles	2,761	13	15	11	33	272	208	525	16	9	820	144	309	35	..
England	1,766	7	6	7	21	165	137	349	9	3	701	38	82	15	..
Ireland	271	2	..	2	4	32	12	38	3	2	36	95	12	3	..
Scotland	654	3	9	2	8	68	52	127	3	4	67	11	210	5	..
Wales	68	1	..	..	..	7	7	10	1	..	15	..	5	12	..
Other	2	..	..	..	..	..	..	1	..	..	1	..	..	..	..
British Possessions	34	..	1	..	..	3	3	7	..	2	6	..	1	..	..
Newfoundland	10	..	1	..	..	2	1	2	..	..	..	..	1	..	..
Other	24	..	..	..	..	1	2	5	..	2	6	..	..	..	..
Europe	6,688	1	4	2	24	48	293	1,221	34	4	46	8	18	2	1
Austria	1,303	..	..	..	3	4	59	357	4	1	..	..	1	..	..
Belgium	95	..	..	1	6	3	8	21	..	..	2	..	1	..	..
Denmark	110	..	1	..	..	2	7	17	3	..	8	2	3	..	..
Finland	17	..	..	..	1	1	1	1	..	..	..	..	..	..	..
France	94	..	..	..	7	1	9	21	..	..	..	..	..	..	1
Germany	390	..	..	..	2	3	18	56	7	1	4	1	1	..	..
Holland	51	..	..	..	..	1	6	3	..	..	1	..	3	..	..
Hungary	373	..	..	..	..	..	5	71	1	1	..	2	..	..	..
Italy	23	..	..	..	..	1	1	4	..	..	..	..	..	..	..
Norway	364	..	2	..	1	12	8	46	1	..	9	1	2	1	..
Poland	1,070	..	..	..	1	3	51	148	2	1	1	..	1	..	..
Roumania	375	..	..	1	1	1	8	97	3	..	1	..	1	..	..
Russia (1)	1,965	1	..	..	2	5	93	319	9	..	3	..	..	1	..
Sweden	221	..	1	..	..	8	11	31	2	..	14	1	3	..	..
Other	237	..	..	..	..	3	8	29	2	..	3	1	2	..	..
Asia	41	..	..	..	..	..	1	8	..	..	..	..	..	..	..
China	14	..	..	..	..	..	1	6	..	..	..	..	..	..	..
Japan	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other	25	..	..	..	..	..	..	2	..	..	..	..	..	..	..
United States	2,913	6	18	12	71	288	200	664	21	4	147	16	39	3	..
Various	16	..	..	..	..	..	3	6	..	..	1	..	..	1	..
Not specified	8	..	..	..	..	1	1	5	..	1	..	..	..	..	..
Children born to married mothers	20,693	52	108	76	549	1,798	1,708	5,689	143	52	1,438	215	567	49	3
Children born to unmarried mothers	638	1	3	..	8	23	46	332	9	1	27	6	17	..	..
Children born to all mothers	21,331	53	111	76	557	1,821	1,754	6,021	152	53	1,465	221	584	49	3

(1) Including the Ukraine.

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Birthplace of Mother

Europe															Asia			United States	Various	Not Specified
Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia (1)	Sweden	Other	China	Japan	Other			
80	18	7	4	19	36	5	13	..	16	63	15	154	23	16	..	..	1	951	4	1
..	1	..	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	13	..	..
..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	..	..	..	22	..	..
..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	22	..	..
..	4	1	..	9	..	..	..	..	1	1	1	3	2	2	..	..	..	102	..	..
14	3	5	4	4	13	2	2	..	7	4	1	7	6	..	..	..	..	426	2	..
11	6	..	..	3	7	1	2	..	3	14	4	49	4	7	..	..	..	134	..	..
53	4	..	..	2	15	2	8	..	4	41	7	93	10	5	..	..	1	220	2	..
..	..	..	..	..	1	..	..	..	..	2	2	..	..	..	..	..	..	6	..	1
2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	4	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..
7	3	2	1	2	9	6	4	1	8	5	1	14	8	3	2	..	..	264	2	1
5	2	2	1	1	7	3	4	..	6	4	1	10	4	2	2	..	..	165	..	1
..	..	..	..	..	..	..	..	1	..	..	..	1	2	..	..	..	..	26	..	..
2	1	..	..	..	2	3	..	..	1	1	..	2	2	1	..	..	..	66	2	..
..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	..	..	7	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	7	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	6	..	..
851	52	48	13	45	245	23	276	15	178	901	230	1,362	93	157	..	..	..	482	8	1
753	..	..	..	..	8	..	6	..	..	34	10	36	..	1	..	..	..	26	..	..
..	36	..	..	5	..	2	..	..	..	..	..	..	..	1	..	..	..	9	..	..
1	..	44	..	..	2	..	..	..	5	..	..	..	2	..	..	..	..	13	..	..
..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..
1	6	..	..	36	2	..	1	..	..	1	..	..	..	1	..	..	..	7	..	..
10	2	..	..	1	183	..	5	..	..	14	4	20	1	4	..	..	..	53	..	..
1	4	..	..	..	3	21	..	..	..	..	..	1	..	1	..	..	..	5	1	..
7	..	..	..	..	2	..	255	..	1	1	4	5	..	5	..	..	..	11	1	1
..	..	..	..	..	..	..	..	14	..	1	1	..	..	..	..	..	..	1	..	..
..	..	1	1	1	1	..	..	..	162	..	1	1	7	..	..	..	..	106	..	..
23	..	..	..	1	11	..	2	..	..	771	10	32	1	2	..	..	..	9	..	..
13	..	..	..	..	3	..	3	..	..	24	169	25	..	2	..	..	..	23	..	..
40	3	..	..	..	24	..	1	..	..	49	24	1,233	..	3	..	..	..	147	6	..
..	..	3	3	..	1	..	..	..	9	..	..	2	82	1	..	..	..	49	..	..
2	1	..	..	1	5	..	3	1	1	6	7	7	..	136	..	..	..	19	..	..
..	..	..	..	..	1	..	..	..	..	1	..	3	..	..	5	2	14	6	..	..
..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	5	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	14	6	..	..
16	4	3	1	6	44	2	15	1	57	11	6	102	27	11	..	..	..	1,112	..	3
..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
955	77	60	19	72	335	36	309	17	259	981	252	1,638	151	187	7	2	15	2,823	15	6
18	2	..	..	1	9	..	7	..	4	40	4	15	1	2	..	..	..	56	..	5
973	79	60	19	73	344	36	316	17	263	1021	256	1,653	152	189	7	2	15	2,879	15	11

TABLE XXXVI—BIRTHS (Exclusive of Stillbirths)

Racial Origin of Father		Total	Racial Origin of Mother												
			English	Irish	Scotch	Welsh	French	Armenian	Austrian	Belgian	Bulgarian	Chinese	Czech and Slovak	Danish	Dutch
English		3,722	1,982	434	579	21	120	..	13	8	..	..	6	23	45
Irish		2,013	488	647	392	10	81	..	6	4	..	..	4	8	26
Scotch		2,284	629	382	803	21	80	1	5	5	1	..	4	12	27
Welsh		124	39	22	24	17	6	..	..	..	..	..	..	..	..
French		1,342	75	72	69	3	974	..	4	19	..	..	2	1	7
Austrian		353	2	3	4	..	2	..	274	1	..	..	..	..	1
Belgian		111	5	4	6	1	29	..	..	44	..	..	1	..	4
Bulgarian		3	..	..	..	..	..	..	..	..	..	..	..	..	..
Chinese		14	1	1	..	..	..	..	..	..	..	5	..	..	..
Czech and Slovak		113	4	2	2	..	3	..	2	..	..	..	92	..	..
Danish		158	29	11	27	1	1	..	2	..	..	..	1	50	3
Dutch		639	41	26	33	2	5	..	2	5	..	..	1	1	485
Finnish		39	4	1	..	..	1	..	..	..	..	..	..	..	1
German		4,015	186	102	115	3	44	..	22	8	..	..	16	3	20
Greek		11	1	..	1	..	..	..	..	..	..	..	1	..	..
Hindu		5	..	..	..	..	..	..	2	..	..	..	..	..	..
Hungarian		397	4	4	..	..	5	..	..	..	..	..	1	..	1
Icelandic		80	12	1	7	..	4	..	..	..	..	..	1	1	1
Indian		461	4	1	1	..	5	..	..	..	..	..	..	..	..
Italian		28	2	1	..	..	..	..	2	..	..	..	..	..	..
Japanese		3	..	..	..	..	..	..	..	..	..	..	..	..	..
Jewish		57	1	2	..	..	..	..	..	..	..	..	1	..	..
Negro		5	..	..	1	..	..	..	..	..	..	..	..	..	..
Norwegian		827	84	54	64	3	16	..	1	..	..	..	..	15	5
Polish		596	3	7	4	..	8	..	7	..	..	..	..	..	..
Roumanian		196	6	..	2	..	1	..	3	..	..	..	..	..	..
Russian		617	5	4	3	..	1	..	17	3	..	..	..	..	..
Serb and Croat		32	..	..	..	..	..	..	..	..	..	..	1	..	..
Swedish		444	57	32	36	1	10	..	..	..	..	..	3	4	6
Swiss		42	1	2	3	..	4	..	..	..	..	..	1	..	..
Syrian		22	..	..	1	..	1	..	..	..	..	..	..	..	..
Ukrainian (1)		1,869	5	3	6	..	6	..	9	..	..	..	4	..	..
Other		23	1	1	1	..	1	..	..	..	..	..	..	..	..
Not specified		28	8	2	6	..	1	..	..	..	..	..	..	..	..
Children born to married mothers	T.	20,693	3,679	1,821	2,190	83	1,409	1	371	97	1	5	140	118	632
	M.	10,614	1,909	983	1,118	45	713	1	177	39	1	3	75	60	323
	F.	10,079	1,770	838	1,072	38	696	..	194	58	..	2	65	58	309
Children born to unmarried mothers	T.	638	115	56	62	3	50	..	10	3	..	..	1	3	7
	M.	328	55	26	38	2	22	..	5	1	..	..	1	1	5
	F.	310	60	30	24	1	28	..	5	2	..	..	..	2	2
Children born to all mothers	T.	21,331	3,794	1,877	2,252	86	1,459	1	381	100	1	5	141	121	639
	M.	10,942	1,964	1,009	1,156	47	735	1	182	40	1	3	76	61	328
	F.	10,389	1,830	868	1,096	39	724	..	199	60	..	2	65	60	311

(1) Including Galician and Bukovinian.

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Racial Origin of Mother

Finnish	German	Greek	Hindu	Hungarian	Icelandic	Indian	Italian	Japanese	Jewish	Negro	Norwegian	Polish	Roumanian	Russian	Serb and Croat	Swedish	Swiss	Syrian	Ukrainian (1)	Other	Not Specified
2	221	1	..	13	8	3	2	..	..	..	100	19	3	24	1	54	5	..	20	1	14
5	169	.	..	8	6	2	1	..	..	..	85	7	1	8	1	41	3	1	5	2	2
1	152	.	..	6	4	8	..	..	..	1	75	6	..	4	..	36	4	1	4	1	11
..	5	.	..	..	..	..	..	..	..	..	3	..	..	1	..	2	..	..	2	..	3
..	54	.	..	5	..	8	..	..	..	..	17	9	..	1	..	6	5	..	10	1	..
..	26	.	..	3	..	1	..	..	..	..	2	9	1	14	..	1	..	..	8	1	..
..	10	.	..	..	..	..	..	..	..	..	1	1	1	..	..	2	1	..	1	..	..
..	..	.	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..
..	1	.	..	..	..	2	..	..	..	..	..	1	..	..	..	..	..	..	3	..	..
..	5	.	..	3	..	..	1	..	..	..	1	11	..	2	..	..	..	..	5	..	..
..	9	.	..	1	1	..	..	..	..	..	16	1	..	..	..	4	..	..	1	..	..
..	26	..	..	1	..	..	..	..	..	..	5	1	..	1	..	1	3	..	..	..	..
29	2	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
5	3,299	.	..	18	2	5	..	..	1	1	42	23	7	37	..	22	9	..	22	1	2
..	..	5	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..
..	..	.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..
..	18	.	..	347	..	..	..	..	..	..	2	..	2	5	1	1	1	..	4	..	1
..	5	.	..	..	43	..	..	..	..	..	1	2	..	..	..	2	..	..	..	..	..
..	1	.	..	..	..	448	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
..	3	.	..	..	..	1	16	..	..	..	..	1	1	..	..	..	..	..	1	..	..
..	..	.	..	..	..	..	..	2	..	..	..	..	..	..	1	..	..	..	..	..	..
..	..	.	..	..	..	..	..	..	52	..	..	..	..	..	..	..	..	..	1	..	..
..	..	.	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
2	56	.	..	3	4	..	..	..	..	..	458	1	1	2	..	50	1	..	4	..	3
1	26	.	..	..	..	1	..	..	..	..	2	405	3	10	1	2	..	..	116	..	..
..	8	.	..	4	..	..	..	..	..	..	1	6	146	11	..	..	..	..	8	..	..
..	39	.	..	2	1	..	..	..	..	..	..	12	7	501	..	..	..	..	21	..	1
..	..	.	..	..	..	..	..	..	..	..	..	2	4	1	22	..	..	..	2	..	..
2	29	.	..	..	2	2	..	..	..	..	77	3	..	2	..	176	..	..	2	..	..
..	9	.	..	..	1	..	..	..	..	..	..	..	1	..	..	..	17	1	2	..	..
..	..	.	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..	17	..	..	..
..	13	.	..	1	..	..	..	..	..	..	2	87	4	5	..	..	5	..	1,719	..	..
..	..	.	..	..	..	..	..	..	..	..	..	5	..	..	..	1	..	..	..	13	..
..	4	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
47	4,190	6	1	415	72	482	20	2	53	6	892	616	183	630	27	401	54	20	1,965	20	44
26	2,132	2	..	204	40	235	8	..	20	2	478	300	85	321	16	209	22	6	1,026	8	27
21	2,058	4	1	211	32	247	12	2	33	4	414	316	98	309	11	192	32	14	939	12	17
2	92	.	..	15	3	48	..	..	2	2	32	30	6	16	1	14	..	..	61	1	3
2	42	.	..	8	2	26	..	..	..	2	22	18	3	12	..	7	..	..	26	..	2
..	50	.	..	7	1	22	..	..	2	..	10	12	3	4	1	7	..	..	35	1	1
49	4,282	6	1	430	75	530	20	2	55	8	924	646	189	646	28	415	54	20	2,026	21	47
28	2,174	2	..	212	42	261	8	..	20	4	500	318	88	333	16	216	22	6	1,052	8	29
21	2,108	4	1	218	33	269	12	2	35	4	424	328	101	313	12	199	32	14	974	13	18

TABLE XXXVII—BIRTHS (Exclusive of Stillbirths) TO RESIDENT AND NON-RESIDENT MOTHERS, AND BIRTHS IN PUBLIC INSTITUTIONS IN CITIES, 1931.

Cities	All Births				Births in Public Institutions				Births Elsewhere than in Public Institutions			
	Total	To resident mothers	To mothers non-resident in city where birth occurred		Total	To resident mothers	To mothers non-resident in city where birth occurred		Total	To resident mothers	To mothers non-resident in city where birth occurred	
			Resident in province	Non-resident in province			Resident in province	Non-resident in province			Resident in province	Non-resident in province
Moose Jaw	512	354	154	4	426	277	145	4	86	77	9	..
North Battleford	227	107	119	1	188	81	106	1	39	26	13	..
Prince Albert	359	214	145	..	294	151	143	..	65	63	2	..
Regina	1,511	1,220	281	10	1,188	922	258	8	323	298	23	2
Saskatoon	1,144	879	251	14	815	585	218	12	329	294	33	2
Swift Current	171	107	63	1	107	56	51	..	64	51	12	1
Weyburn	135	92	43	..	96	53	43	..	39	39	..	..
Yorkton	181	101	77	3	124	49	72	3	57	52	5	..
Total	4,240	3,074	1,133	33	3,238	2,174	1,036	28	1,002	900	97	5

TABLE XXXVIII—TOTAL BIRTHS (Inclusive of Stillbirths) AND BIRTHS IN PUBLIC INSTITUTIONS, SHOWING THE NUMBER OF MOTHERS NON-RESIDENT IN THE PROVINCE, 1931.

	All Births		In Public Institutions	
	Total	Births to mothers non-resident in province	Total	Births to mothers non-resident in province
Total for the province	21,331	100	6,923	64

MARRIAGES

The number of marriages solemnized in the province during 1931 was 5,700, a decrease of 17 compared with the previous year. The marriage rate is 6.2 per 1000 of the population, a decrease of .3 points.

According to the census the population of this province between the ages of 15 and 45 is 426,296. Taking this as a basis the marriage rate is 11 per 1000 of the population of this period. As the figures of the unmarried population between 15 and 45 were not given in the census bulletin it is not possible to give the rate for this section of the population.

Table XXXIX gives the marriages by municipalities, but in order to ascertain the exact number of residents in the eight cities of the province Table XLI should be consulted. While there were 2,214 marriages in the cities only 1,162 were of residents of the cities. This means that 52.4 per cent of the marriages in the cities were of non-residents.

The three last months of the year had the largest number of marriages, with November leading.

The mixing of the races is shown in Table XLIII. The number of women from English speaking countries marrying men from non-English countries was 12.6 per cent of the women marrying, while the men from English speaking countries who married women from other countries was only 4.4 per cent of the men who married.

The men who married under thirty years of age numbered 4,009 or seventy per cent of the men who married. The women under the same age who married were 5,135 or ninety per cent of the women who married. The male minors marrying were only 4.4 per cent of the men who married while the female minors were 38.7 per cent of the women who married.

Fifty per cent of the grooms were Canadian born; thirteen per cent were born in the British Isles and other possessions; twenty-three per cent were born in European countries and thirteen per cent were born in the United States.

Of the brides sixty-five per cent were Canadian born; nine per cent born in the British Isles and other possessions; fifteen per cent were born in European countries and ten per cent were born in the United States.

The mixed marriages religiously, numbered 1,915 or 33.6 per cent of the total marriages.

The literacy of those who married is given in Table XLIX. The total illiterates were 150, one less than the previous year. The percentages of illiterates according to birthplaces are as follows: Canada 2.4, British Isles none, European countries 5.5, United States .5. The illiterates by sex were: males 79 and females 71.

The illiterates by denominations will be found in Table L.

TABLE XXXIX—MARRIAGES IN CITIES, TOWNS, VILLAGES AND RURAL MUNICIPALITIES, RATE PER 1,000, 1914-1931.

	Cities		Towns		Villages		Rural Municipalities		Total for Province	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1914	...	...	...	...	...	...	...	...	5,014	8.6
1915	1,673	14.6	1,006	15.0	685	13.4	1,217	2.3	4,581	7.4
1916	1,945	19.2	1,102	19.0	783	13.1	1,232	2.4	5,062	7.8
1917	1,881	18.6	1,186	20.4	663	12.2	1,405	2.7	5,105	7.6
1918	1,789	16.6	972	16.7	490	9.6	1,340	2.8	4,591	6.6
1919	2,107	19.6	1,101	16.6	763	12.9	1,374	2.3	5,345	7.5
1920	2,220	20.6	1,136	17.1	633	10.6	1,339	2.2	5,328	7.3
1921	2,015	20.6	1,135	18.6	681	11.3	1,234	2.3	5,065	6.7
1922	1,960	19.7	1,134	18.3	683	11.2	1,274	2.3	5,051	6.6
1923	2,021	20.0	1,074	17.0	697	11.2	1,261	2.3	5,053	6.5
1924	1,678	16.3	1,081	16.9	771	12.2	1,262	2.2	4,792	6.0
1925	1,763	16.9	1,024	15.7	837	13.0	1,285	2.2	4,909	6.1
1926	2,070	19.1	1,179	18.5	831	11.8	1,403	2.4	5,483	6.7
1927	2,281	20.1	1,190	18.3	911	12.8	1,351	2.3	5,733	6.9
1928	2,797	23.5	1,250	19.0	864	12.0	1,790	3.0	6,701	7.9
1929	2,889	23.2	1,230	18.5	1,037	14.2	1,392	2.3	6,548	7.6
1930	2,439	19.6	1,081	16.8	980	12.6	1,217	2.0	5,717	6.5
1931	2,214	14.9	1,133	17.5	935	12.1	1,418	2.2	5,700	6.2

TABLE XL.—MARRIAGES IN CITIES, TOWNS, VILLAGES, RURAL MUNICIPALITIES AND PROVINCE BY MONTHS, 1931.

	Total	Jan.	Feb.	Mar	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov	Dec.
Cities	2,214	171	174	105	149	132	200	194	163	153	242	285	246
Towns	1,133	100	88	72	85	69	90	81	69	71	135	147	126
Villages	935	77	71	39	84	43	58	67	55	45	104	204	88
Rural Municipalities	1,418	99	136	49	119	77	100	156	83	56	172	271	100
Province	5,700	447	469	265	437	321	448	498	370	325	653	907	560

TABLE XLI.—MARRIAGES IN CITIES 1931. SHOWING RESIDENTS AND NON-RESIDENTS

Cities	Residents both parties	Residents groom only	Residents bride only	Total residents	Non-residents both parties
Moose Jaw	100	12	30	142	80
North Battleford	21	7	6	34	91
Prince Albert	45	16	20	81	134
Regina	352	54	60	466	224
Saskatoon	242	52	53	347	308
Swift Current	20	4	4	28	66
Weyburn	17	1	3	21	50
Yorkton	29	5	9	43	99
Totals	826	151	185	1,162	1,052

TABLE XLII.—MARRIAGES IN CITIES BY MONTHS. 1931.

Cities	Total	Jan.	Feb.	Mr.	Apr.	My.	Jn.	Jy.	Au.	Sep.	Oct.	Nov	Dec.
Moose Jaw	222	19	10	9	18	16	27	18	14	23	22	20	26
North Battleford	125	10	18	8	10	8	12	10	5	1	14	20	9
Prince Albert	215	18	19	4	17	18	13	18	11	13	21	43	20
Regina	690	42	60	38	49	43	72	73	38	60	76	66	73
Saskatoon	655	54	47	32	31	25	60	42	69	48	68	90	89
Swift Current	94	6	1	4	10	7	8	12	10	1	12	13	10
Weyburn	71	4	5	4	6	8	1	9	7	5	9	6	7
Yorkton	142	18	14	6	8	7	7	12	9	2	20	27	12

TABLE XLIII.—MIXING OF RACES, 1914–1931.

Year	Number of men from English speaking countries marrying women from non-English speaking countries	Number of women from English speaking countries marrying men from non-English speaking countries
1914	146	202
1915	127	189
1916	209	293
1917	209	359
1918	188	413
1919	212	531
1920	190	489
1921	202	513
1922	181	529
1923	220	534
1924	186	501
1925	230	536
1926	235	615
1927	290	474
1928	342	607
1929	289	707
1930	283	632
1931	254	721

TABLE XLIV.—AGE AND CONDITION OF MEN WHO MARRIED IN SASKATCHEWAN, 1931.

Condition	Age Period													
	20 and under	21–24	25–29	30–34	35–39	40–44	45–49	50–54	55–59	60–64	65–69	70 and over	Unknown	Total
Bachelors, who married														
Spinsters	250	1,868	1,804	684	322	109	55	9	2	1	...	...	...	5,104
Widows	1	5	29	22	26	22	18	6	4	2	...	...	...	135
Divorcees	...	3	7	5	8	5	...	...	...	...	...	...	...	28
Total bachelors	251	1,876	1,840	711	356	136	73	15	6	3	...	...	...	5,267
Widowers, who married														
Spinsters	1	3	29	51	45	47	39	15	9	4	2	1	...	246
Widows	...	...	2	5	12	10	21	27	16	13	10	15	...	131
Divorcees	...	...	1	1	2	4	...	4	1	...	...	...	...	13
Total widowers	1	3	32	57	59	61	60	46	26	17	12	16	...	390
Divorced men, who married														
Spinsters	...	...	4	6	15	3	4	...	...	...	...	...	...	32
Widows	...	...	...	1	1	1	2	...	...	...	...	...	...	5
Divorcees	...	...	2	...	...	1	...	3	...	...	...	...	...	6
Total divorced men	...	...	6	7	16	5	6	3	...	...	...	...	...	43
Total men	252	1,879	1,878	775	431	202	139	64	32	20	12	16	...	5,700

TABLE XLV.—AGE AND CONDITION OF WOMEN WHO MARRIED IN SASKATCHEWAN, 1931

Condition	Age Period													
	20 and under	21–24	25–29	30–34	35–39	40–44	45–49	50–54	55–59	60–64	65–69	70 and over	Unknown	Total
Spinsters, who married														
Bachelors	2,154	2,029	677	168	50	16	8	...	2	...	...	...	...	5,104
Widowers	48	88	48	25	15	14	6	2	...	...	...	...	...	246
Divorces	4	12	11	2	3	...	...	...	...	...	...	...	...	32
Total spinsters	2,206	2,129	736	195	68	30	14	2	2	...	...	...	...	5,382
Widows, who married														
Bachelors	3	9	24	29	35	18	8	5	3	1	...	...	...	135
Widowers	...	1	6	11	13	23	17	27	15	12	4	2	...	131
Divorcees	...	...	1	...	1	1	2	...	...	...	...	...	...	5
Total widows	3	10	31	40	49	42	27	32	18	13	4	2	...	271
Divorced women, who married														
Bachelors	1	4	7	7	6	3	...	...	...	...	...	...	...	28
Widowers	...	1	3	4	5	...	...	...	...	...	...	...	...	13
Divorcees	...	1	3	1	...	1	...	...	...	...	...	...	...	6
Total divorced women	1	6	13	12	11	4	...	...	...	...	...	...	...	47
Total women	2,210	2,145	780	247	128	76	41	34	20	13	4	2	...	5,700

TABLE XLVI—MARRIAGES—AGE

Age of Bridegroom	Total grooms	Age of Bride																
		Under 16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Under 18	8	..	..	2	3	..	1	..	1	1	..	..	..	..	..	..	..	..
18	28	1	3	5	8	5	2	1	2	1	..	..	..	..	..	..	..	..
19	75	..	5	13	15	17	9	7	5	1	2	1	..	..	..	..	..	..
20	141	2	8	21	27	25	21	15	12	4	3	2	..	..	..	..	1	..
21	400	5	8	33	66	57	56	110	23	19	13	4	4	2	..	..	..	..
22	431	4	9	32	69	74	47	76	47	30	19	9	6	2	2	1	2	1
23	528	4	20	34	66	87	64	91	65	41	21	12	9	6	4	2	1	..
24	520	2	15	25	68	55	62	94	67	44	31	15	13	13	7	6	..	2
25	443	3	12	18	59	51	54	69	45	46	39	22	12	4	2	2	2	..
26	417	2	7	21	27	56	43	77	52	28	22	24	19	16	6	4	3	5
27	402	2	4	21	47	61	39	54	40	28	31	21	15	11	9	2	5	3
28	348	3	4	9	27	36	48	47	33	32	35	16	14	11	15	3	6	2
29	268	..	2	9	26	28	23	45	23	14	25	20	9	9	11	8	8	1
30	238	1	2	5	16	17	27	30	26	31	13	18	7	14	6	5	5	4
31	204	..	2	7	13	15	18	21	21	19	20	15	11	8	12	6	3	6
32	153	..	2	5	8	11	12	26	16	7	8	9	13	12	8	2	..	4
33	91	..	2	3	10	3	5	6	6	10	3	6	9	4	3	4	2	2
34	89	..	..	3	8	5	6	6	9	5	7	5	8	5	5	2	3	..
35	100	1	..	3	7	3	5	10	4	5	15	3	6	5	4	3	3	7
36	108	..	..	5	6	5	10	8	13	6	8	7	9	5	5	3	4	1
37	74	..	..	..	2	4	3	8	7	4	4	3	3	3	4	4	3	4
38	78	..	..	..	4	2	4	10	5	5	7	6	4	6	3	8	1	4
39	71	..	1	1	4	2	5	6	5	3	4	1	5	3	3	3	3	..
40	49	..	1	2	..	1	1	8	1	3	2	2	1	5	2	3	1	4
41	46	..	..	..	1	1	2	7	3	7	2	1	2	1	..	..	2	..
42	39	..	..	1	..	1	1	2	5	4	1	1	..	3	..	2	2	2
43	34	..	..	..	1	1	1	1	1	1	1	4	3	3	..	1	..	..
44	34	..	1	..	1	1	2	..	2	4	..	1	2	3	..	..	2	1
45	27	1	..	..	1	1	..	1	1	1	2	1	..	1	..	1	1	1
46	31	..	1	..	..	1	..	5	3	1	2	..	1	..	..	1	1	3
47	28	..	..	..	..	..	1	..	..	1	1	2	1	1	1	..	..	1
48	31	..	..	..	..	..	..	3	..	1	..	1	..	..	5	1	2	1
49	22	..	..	..	..	1	..	1	1	1	1	..	1	1	..	2	1	..
50–54	64	..	..	..	..	1	1	2	1	..	2	..	..	1	4	1	..	2
55–59	32	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
60–64	20	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
65–69	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
70–74	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
75–79	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
80 and over	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total Brides	5,700	32	109	278	590	628	573	847	545	409	344	233	187	158	121	81	67	62

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Age of Bride

	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50–54	55–59	60–64	65–69	70–74	75 and over
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	2	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1	1	2	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
	1	2	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	2	..	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	1	1	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	4	1	..	..	..	..	..	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..
	2	2	1	1	4	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
	2	1	2	..	2	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
	2	1	1	1	2	2	1	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..
	2	2	..	1	1	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
	2	4	..	..	2	3	1	2	2	..	..	..	1	..	..	..	..	..	..	..	..	..
	2	1	..	..	1	1	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..
	2	2	..	1	2	..	2	1	3	1	..	..	..	1	..	..	..	..	..	..	..	..
	2	1	1	..	3	..	1	2	..	1	..	..	..	..	..	..	2	..	..	..	..	..
	2	1	2	..	3	1	1	1	1	1	..	..	..	..	..	..	1	..	..	..	..	..
	..	..	1	2	2	..	2	..	1	1	..	2	..	..	..	..	..	..	..	..	..	..
	2	1	..	..	1	1	..	1	..	1	..	1	..	..	..	1	..	2	..	..	..	..
	..	1	2	3	1	..	1	..	..	1	..	..	2	..	..	..	1	..	..	..	..	..
	..	4	1	..	2	1	1	1	1	..	..	..	2	1	..	..	1	1	1	..	..	..
	1	3	1	1	..	1	1	2	..	1	1	..	1	1	..	..	3	..	..	..	..	..
	2	..	..	..	..	2	..	..	..	1	1	2	1	1	1	1	..	..	..	..	..	..
	3	2	..	1	4	3	2	3	2	2	2	2	..	1	4	1	11	1	..	..	..	..
	..	1	..	1	..	..	1	..	4	1	..	1	1	2	..	..	6	5	2	1	..	..
	..	..	..	..	..	..	..	2	..	..	1	..	..	2	..	..	7	4	2	1	..	..
	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	1	2	2	4	..	..	..
	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	3	2	2	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	2	..	1	1
	39	40	22	14	31	21	18	18	20	13	7	10	12	8	6	5	34	20	13	4	1	1

TABLE XLVII.—MARRIAGES—BIRTHPLACE OF BRIDEGROOMS AND BRIDES, 1931.

Birthplace of Bridegroom	Total Grooms	Birthplace of Bride																																				
		Canada									British Isles				British Possessions	Europe																Asia	United States	Various	Not Specified
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	England	Ireland	Scotland	Wales		Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia (1)	Sweden	Other								
Canada	2,855	14	7	6	55	213	247	1,670	39	11	113	18	59	2	2	8	4	2	2	3	8	1	2	.	9	39	10	58	5	7	..	240	1	..
Prince Ed. Island	26	3	1	..	..	2	1	13	..	..	2	.	..	.	..	.	.	.	.	.	.	.	.	.	.	1	.	2	.	.	..	4	..	..
Nova Scotia	35	..	..	..	..	7	2	17	..	1	1	.	2	1	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..	1	..	..
New Brunswick	22	..	..	..	1	3	3	7	..	..	2	1	1	.	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..	4	..	..
Quebec	131	..	..	3	22	8	10	51	3	..	7	2	..	.	..	.	1	1	.	3	.	.	.	2	.	.	.	1	.	..	17	..	..
Ontario	579	8	1	2	9	104	45	230	11	1	52	8	25	1	2	1	.	.	1	.	2	.	1	.	2	2	1	5	1	1	..	63	..	..
Manitoba	434	..	1	1	10	29	85	211	9	2	14	2	7	.	..	2	2	.	.	.	1	1	.	.	.	11	.	6	.	1	..	39	..	..
Saskatchewan	1,572	3	3	..	13	54	99	1,116	10	6	32	5	23	.	..	5	1	1	1	.	5	.	1	.	4	25	9	45	3	5	..	102	1	..
Alberta	38	..	1	..	..	5	2	15	5	..	2	.	..	.	..	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	..	7	..	..
British Columbia	18	..	..	..	..	1	..	10	1	1	1	.	1	.	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..	3	..	..
British Isles	737	1	5	2	6	62	49	255	7	6	159	24	65	6	1	5	1	.	.	.	1	2	1	1	3	6	.	3	1	1	..	63	1	..
England	480	..	3	2	5	43	36	170	6	3	113	7	30	3	1	2	.	.	.	.	1	1	1	.	2	5	.	.	1	.	..	44	1	..
Ireland	66	..	..	..	1	4	2	18	..	3	13	12	3	.	..	1	.	.	.	.	.	.	.	1	.	.	.	1	.	.	..	7	..	..
Scotland	171	1	2	..	..	12	9	62	1	..	29	5	31	1	..	1	.	.	.	.	.	1	.	.	1	1	.	1	.	1	..	12	..	..
Wales	19	..	..	..	..	3	2	4	..	..	4	.	1	2	..	1	1	.	.	.	.	.	.	.	.	.	.	1	.	.	..	..	..	..
Other	1	..	..	..	..	..	..	1	..	..	..	.	..	.	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..	..	..	..
British Possessions	9	..	..	..	..	1	..	4	..	..	2	.	1	.	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..	1	..	..
Newfoundland	5	..	..	..	..	1	..	2	..	..	1	.	.	.	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..	1	..	..
Other	4	..	..	..	..	..	..	2	..	..	1	.	1	.	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..	..	..	..
Europe	1,324	1	2	1	3	15	55	504	14	1	18	1	6	.	2	46	7	9	2	2	42	3	44	.	20	198	39	158	18	19	1	92	1	..
Austria	108	..	..	..	..	1	4	47	..	..	..	.	..	.	..	32	.	.	.	.	2	.	2	.	.	4	1	9	.	.	..	6	..	..
Belgium	16	..	..	..	..	2	1	7	..	..	1	.	..	.	..	.	5	.	.	.	.	.	.	.	.	.	.	.	.	.	..	..	..	..
Denmark	42	..	..	..	..	..	1	15	1	..	5	.	2	.	..	.	.	8	.	.	.	.	.	1	.	1	.	.	1	.	..	7	..	..
Finland	5	..	..	..	..	..	..	2	..	..	..	.	..	.	..	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	..	1	..	..
France	22	..	..	..	1	..	2	10	..	..	..	.	1	.	1	.	2	.	.	2	.	.	.	.	.	.	.	.	.	1	..	2	..	..
Germany	119	..	..	1	1	2	4	41	..	..	1	.	..	.	..	3	.	.	.	.	30	1	1	.	1	8	2	9	.	3	..	11	..	..
Holland	16	..	1	..	..	..	2	4	..	..	2	.	..	.	..	.	.	.	.	.	.	2	.	.	.	1	.	.	.	.	..	4	..	..
Hungary	72	..	..	..	..	..	1	19	2	..	..	.	..	.	..	2	.	.	.	.	3	.	40	.	.	.	1	1	.	1	..	2	..	..
Italy	3	..	..	..	..	1	..	2	..	..	..	.	..	.	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..	..	..	..
Norway	80	..	1	..	..	5	4	26	2	..	3	.	1	.	..	.	.	1	.	.	.	.	.	.	18	.	.	.	4	.	..	15	..	..
Poland	279	..	..	..	1	..	9	91	2	1	..	.	..	.	..	3	.	.	.	.	3	.	.	.	.	156	3	6	.	.	..	4	..	..
Roumania	78	..	..	..	..	..	3	42	1	..	..	.	..	.	..	.	.	.	.	.	.	.	.	.	.	4	22	2	.	1	..	3	..	..
Russia (1)	358	..	..	..	..	..	15	153	4	..	..	.	..	.	1	4	.	.	.	.	3	.	.	.	.	17	7	130	.	1	1	21	1	..
Sweden	73	..	..	..	..	1	8	26	2	..	5	1	1	.	..	.	.	.	.	.	1	.	.	.	1	.	.	.	13	.	..	14	..	..
Other	53	1	..	..	..	3	1	19	..	..	1	.	1	.	..	2	.	.	.	.	.	.	.	.	.	7	3	1	.	12	..	2	..	..
Asia	7	..	..	..	..	..	1	4	1	..	..	.	..	.	..	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	..	..	..	..
China	4	..	..	..	..	..	1	1	1	..	..	.	..	.	..	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	..	..	..	..
Other	3	..	..	..	..	..	..	3	..	..	..	.	..	.	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..	..	..	..
United States	763	1	3	3	9	52	48	315	17	7	25	5	10	.	1	4	1	2	.	2	8	.	.	.	7	7	4	23	6	4	..	197	1	1
Various	4	..	..	..	..	..	..	2	..	..	..	.	..	.	..	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	..	1	..	..
Not specified	1	..	..	..	..	..	..	1	..	..	..	.	..	.	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..	..	..	..

Denomination of Groom	Total grooms	Denomination of Bride																												
		Adventists	Anglicans	Baptists	Brethren	Christians	Christian Science	Church of Christ	Disciples	Evangelicals	Greek Catholics	Greek Orthodox	Holiness Movement	Jews	Lutherans	Mennonites	Mormons	Pentecostal	Presbyterians	Protestants	Roman Catholics	Salvation Army	Unitarians	United Brethren	United Church	Oriental Religions	No religion	Other sects	Not stated
Adventists	18	14	..	..	.	.	.	.	.	2	..	..	.	.	..	1	.	.	..	.	..	1	.	.	..	.	.	..	..
Anglicans	688	.	338	11	1	3	3	.	.	.	1	3	.	.	47	4	1	1	61	.	46	.	.	.	163	.	2	3	..
Baptists	148	1	19	63	.	.	.	.	.	.	..	..	.	.	11	3	.	2	6	.	11	1	.	.	28	.	.	3	..
Brethren	5	.	..	..	2	.	.	.	.	.	..	..	.	.	..	..	.	.	..	.	1	.	.	.	2	.	.	..	..
Christians	10	.	..	..	.	5	.	.	.	.	1	..	.	.	1	..	.	.	1	.	..	.	.	.	1	.	.	1	..
Christian Science	7	.	..	..	.	.	2	.	.	.	..	..	.	.	..	..	.	.	..	.	1	.	.	.	4	.	.	..	..
Church of Christ	10	.	..	1	.	.	.	4	.	.	..	..	.	.	..	..	.	.	..	.	1	.	.	.	4	.	.	..	..
Disciples	1	.	..	..	.	.	.	.	.	.	..	..	.	.	..	..	.	.	..	.	..	.	.	.	1	.	.	..	..
Evangelicals	19	.	..	1	.	.	.	.	.	10	..	..	.	.	5	..	.	1	..	.	1	.	.	.	..	.	.	1	..
Friends	1	.	..	1	.	.	.	.	.	.	..	..	.	.	..	..	.	.	..	.	..	.	.	.	..	.	.	..	..
Greek Catholics	292	2	..	..	.	.	.	.	.	.	239	11	.	1	1	1	.	.	2	.	32	.	.	.	1	.	1	1	..
Greek Orthodox	232	.	2	2	.	.	.	.	.	.	14	196	.	.	2	..	.	1	2	1	9	.	.	.	3	.	.	..	..
Holiness Movement	2	.	..	..	.	.	.	.	.	.	..	..	1	.	..	..	.	.	..	.	1	.	.	.	..	.	.	..	..
Jews	16	.	..	..	.	.	.	.	.	.	..	..	.	15	..	..	.	.	..	.	1	.	.	.	..	.	.	..	..
Lutherans	719	3	39	10	.	.	1	.	.	3	3	1	.	.	460	11	.	2	33	.	54	1	.	.	86	.	4	8	..
Mennonites	250	.	2	1	.	.	.	.	.	1	..	..	.	.	4	234	2	.	..	1	1	.	.	.	1	.	.	3	..
Mormons	5	.	..	..	.	.	.	.	.	.	..	..	.	.	1	..	1	.	2	.	..	.	.	.	1	.	.	..	..
Pentecostal	24	1	1	..	.	.	.	.	1	.	..	..	.	.	..	..	.	19	1	.	..	.	.	.	1	.	.	..	..
Presbyterians	448	.	76	13	.	.	.	.	1	2	1	..	.	.	31	1	2	.	176	.	41	.	.	.	100	.	1	3	..
Protestants	2	.	..	.	.	.	.	.	.	.	..	1	.	.	..	1	.	.	..	.	..	.	.	.	..	.	.	..	..
Roman Catholics	1,227	1	40	7	1	.	.	.	.	1	48	5	.	.	35	1	1	2	36	.	988	2	.	.	52	.	.	6	1
Salvation Army	14	.	2	1	.	.	.	.	.	.	..	..	.	.	..	..	.	.	..	.	1	9	.	.	1	.	.	..	..
United Brethren	1	.	..	..	.	.	.	.	.	.	..	..	.	.	..	..	.	.	..	.	..	.	.	.	1	.	.	..	..
United Church	1,420	3	150	29	1	1	1	2	.	2	2	3	1	.	97	3	1	4	56	.	69	3	1	1	986	.	1	3	..
xOriental religions	3	.	..	..	.	.	.	.	.	.	..	1	.	.	1	..	.	.	..	.	..	.	.	.	..	1	.	..	..
No religion	25	.	1	..	.	.	.	.	.	.	..	..	.	.	4	1	.	1	..	.	6	.	.	.	5	.	7	..	..
Other sects	107	1	1	..	.	1	.	.	.	1	1	2	.	.	5	4	.	2	1	.	2	.	.	1	6	.	1	78	..
Not stated	6	.	..	1	.	.	.	.	.	.	..	..	.	.	1	.	.	.	..	.	3	.	.	.	..	.	.	..	1
Total Brides	5,700	26	671	141	5	10	7	6	2	22	310	223	2	16	706	265	8	35	377	2	1,269	17	1	2	1,447	1	17	110	2

x Buddhists, Confucians, Mohammedans, Shintos, Sikhs, Hindus.

TABLE XLIX.—MARRIAGES—LITERACY OF BRIDEGROOMS AND BRIDES CLASSIFIED BY BIRTHPLACE, 1931.

Birthplace	Bridegrooms			Brides		
	Total	Illiterate	Per cent illiterate	Total	Illiterate	Per cent illiterate
Total	5,700	79	1.4	5,700	71	1.2
Canada	2,855	52	1.8	3,720	37	1.0
Prince Edward Island	26	..	..	17	..	..
Nova Scotia	35	..	..	17	..	..
New Brunswick	22	..	..	12	..	..
Quebec	131	2	1.5	73	..	..
Ontario	579	3	0.5	343	..	..
Manitoba	434	3	0.7	400	2	0.5
Saskatchewan	1,572	44	2.8	2,755	35	1.3
Alberta	38	..	..	78	..	..
British Columbia	18	..	..	25	..	..
Province not specified	..	..	..	..	..	..
British Isles	737	..	..	514	..	..
England	480	..	..	317	..	..
Ireland	66	..	..	48	..	..
Scotland	171	..	..	141	..	..
Wales	19	..	..	8	..	..
Other	1	..	..	..	..	..
British Possessions	9	..	..	6	..	..
Newfoundland	5	..	..	.	..	..
Other	4	..	..	6	..	..
Europe	1,324	22	1.7	860	33	3.8
Austria	108	2	1.9	63	1	1.6
Belgium	16	1	6.3	13	..	..
Denmark	42	..	..	13	..	..
Finland	5	..	..	4	..	..
France	22	..	..	7	..	..
Germany	119	1	0.8	59	1	1.7
Holland	16	..	..	6	..	..
Hungary	72	1	1.4	47	..	..
Italy	3	..	..	1	..	..
Norway	80	..	..	39	..	..
Poland	279	8	2.9	252	18	7.1
Roumania	78	5	6.4	53	3	5.7
Russia (1)	358	3	0.8	242	9	3.7
Sweden	73	1	1.4	30	1	3.3
Other	53	..	..	31	..	..
Asia	7	2	28.6	1	..	..
China	4	..	..	..	..	..
Japan	..	..	..	..	..	..
Other	3	2	66.7	1	..	..
United States	763	2	0.3	594	1	0.2
Various	4	..	..	4	..	..
Not specified	1	1	100.0	1	..	..

(1)—Including the Ukraine.

TABLE L.—MARRIAGES—ILLITERACY OF CONTRACTING PARTIES BY RELIGIOUS DENOMINATIONS, SASKATCHEWAN, 1931.

Denomination	Bridegroom	Bride	Total
Anglican	20	12	32
Evangelicals	..	1	1
Greek Catholics	7	14	21
Greek Orthodox	6	11	17
Lutherans	2	4	6
Mennonites	3	3	6
Oriental Religions	1	..	1
Other Sects	1	3	4
Presbyterians	2	1	3
Roman Catholics	34	18	52
United Church	3	4	7
Total	79	71	150

DIVORCES.

The divorces granted in 1931 numbered 51, which is 11 less than in 1930.

The number of divorces granted in the province since 1920 is 600, an average of fifty per year for the period.

During the year the number of divorces granted to each 1,000 marriages was 8.9.

The majority of plaintiffs in these cases were wives. This is the second year since divorces have been granted in the province that this has occurred.

TABLE LI.—DIVORCES, 1931

Number of divorces granted	51
Plaintiffs—Husbands	24
Plaintiffs—Wives	27
Number of divorces granted to persons who were married in Saskatchewan	33

TABLE LII.—DIVORCES, 1931. REASONS FOR DECREE.

Reason	Husband	Wife	Total
Adultery	24	23	47
Adultery and desertion	1	..	1
Bigamy	1	..	1
Fraud and duress and want of consent	1	..	1
Impotence	1	..	1
Total	28	23	51

TABLE LIII.—DIVORCES, 1931. NUMBER OF YEARS MARRIED

Number of years married	Number of divorces	Number of years married	Number of divorces
Less than 1 year	1	14 years	2
1 year	1	15 years	3
2 years	1	16 years	1
3 years	2	17 years	1
4 years	5	18 years	2
5 years	4	19 years	1
6 years	5	20 years	4
8 years	2	21 years	1
9 years	2	23 years	1
10 years	2	24 years	1
11 years	1	31 years	1
12 years	4	32 years	1
13 years	1	34 years	1

TABLE LIV.—DIVORCES, 1931. RELIGIOUS DENOMINATION OF THOSE WHO WERE MARRIED IN SASKATCHEWAN.

Denomination	Husband	Wife	Total
Anglican	6	10	16
Baptist	3	3	6
Greek Catholic	..	1	1
Greek Orthodox	1	..	1
International Bible Students	1	..	1
Latter Day Saints	1	..	1
Methodist	9	6	15
Pentecostal	1	..	1
Presbyterian	6	9	15
Roman Catholic	3	3	6
Seventh Day Adventist	1	..	1
United	1	1	2

DEATHS

There were 6,066 deaths in the province in 1931, a decrease of 243 or 3.8 per cent. The death rate is 6.6 per 1,000 of the population. This is the lowest rate since 1915 when the rate was 5.3.

This province still continues to have the lowest death rate in the Dominion and the Empire. This low death rate has been attributed by many authorities to the fact that the population of the province does not contain many people of advanced ages, but when the death rate from senility in this province is compared with that in the other provinces this cannot be acknowledged as the sole cause of Saskatchewan's low death rate. It is true that the death rate from senility is much higher in the Maritime Provinces but in the other provinces the rate from this cause is not very much higher than that for this province, which is 14 per 1,000 of the population. The rate for the Dominion is 21. In Quebec and Ontario 17, in Manitoba and Alberta 10 and in British Columbia 15.

Notwithstanding the fact that this province in 1931 experienced the worst drought conditions in its history the general death rate decreased as well as the rates for Typhoid and most of the infectious diseases. Influenza was the only disease that showed a decided increase during the year.

Diagram II, the seasonal chart, shows that March had the highest death rate, which was caused by the large mortality from influenza in that month. In the urban centres, February, March and April had the highest death rates and in the rural sections the order was March, April and May.

In the cities, North Battleford had the highest rate and Weyburn continues to have the lowest. The death rate for all the cities decreased by 1.9 points. The

villages had the highest death rate and the rural municipalities continue to have the lowest rate.

In Table LV the rate is given for the ten-year period, 1914-23, and the five-year period, 1924-28. The rate for 1931 is much lower than the average for each of these periods.

Dr. Dublin of the Metropolitan Life Insurance Co., New York, makes the following comment on the death rate among insured Canadians: "The death rate among Canadian wage-earners and their dependents runs about 9 per cent higher than for the industrial wage earning population in the United States. This is entirely due to the high death rates in the province of Quebec, New Brunswick and Nova Scotia—more especially Quebec. These statements are based on an analysis of the mortality statistics of approximately one and one quarter million Canadian Industrial policy holders of the Metropolitan Life Insurance Co., for the years 1925 to 1930.

"The most favorable feature in the Canadian mortality statistics, as compared with those of the United States, is that relating to deaths from violent causes, suicides show a much lower death rate than among American wage-earners, although the mortality from this cause rose quite sharply in 1930. Fatal accidents also exact a lower toll of life among Canadian wage-earners than in the United States.

"The greatest contrast between the mortality statistics of the United States and Canada is found in the figures for homicides. Murders and manslaughter are relatively rare occurrences in Canada.

"The death rate among Canadian wage-earners insured in the Metropolitan Life ran from a low point of 0.2 per hundred thousand insured lives to a maximum of 0.8. During the same time in the United States the rate ran from 7.0 to 7.7 Possibly one explanation for Canada's low homicide death rate is the more prompt and more certain disposition in that country of the cases of those who give way to the homicidal impulse."

TABLE LV.—DEATHS IN PROVINCE BY MONTHS AND RATES, 1914–1931.

(Residents only. Stillbirths excluded.)

Month	1914–1923		1924–1928		1929		1930		1931	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
January	4,859	8.4	2,609	7.6	782	10.8	577	7.9	525	6.8
February	4,493	7.7	2,427	7.1	543	7.5	472	6.4	500	6.5
March	5,306	9.1	2,736	8.0	600	8.3	509	6.9	588	7.7
April	4,844	8.4	2,834	8.3	625	8.7	588	8.0	565	7.4
May	4,430	7.6	2,640	7.7	570	7.9	520	7.1	533	6.9
June	3,813	6.6	2,172	6.3	497	6.9	503	6.8	463	6.0
July	3,729	6.4	2,182	6.4	469	6.5	458	6.2	492	6.4
August	4,205	7.2	2,257	6.6	536	7.4	535	7.3	439	5.7
September	4,650	8.0	2,427	7.1	491	6.8	630	8.6	446	5.8
October	5,150	8.9	2,440	7.1	536	7.4	574	7.8	506	6.6
November	6,598	11.4	2,297	6.7	526	7.3	485	6.6	523	6.8
December	4,670	8.0	2,636	7.7	540	7.5	458	6.2	486	6.3
Year	56,747	8.1	29,657	7.2	6,715	7.7	6,309	7.2	6,066	6.6

TABLE LVI.—URBAN AND RURAL DEATHS BY MONTHS AND RATES PER 1,000, 1931.
(Residents only. Stillbirths excluded.)

Months	Urban		Rural	
	Number	Rate	Number	Rate
January	108	7.0	417	6.8
February	121	7.8	379	6.2
March	117	7.5	471	7.7
April	115	7.4	450	7.3
May	109	7.0	424	6.9
June	101	6.5	362	5.9
July	104	6.7	388	6.3
August	91	5.9	348	5.7
September	96	6.2	350	5.7
October	107	6.9	399	6.5
November	106	6.8	417	6.8
December	89	5.7	397	6.5
Year	1,264	6.8	4,802	6.5

Urban centres are those with a population of 1,000 or over.

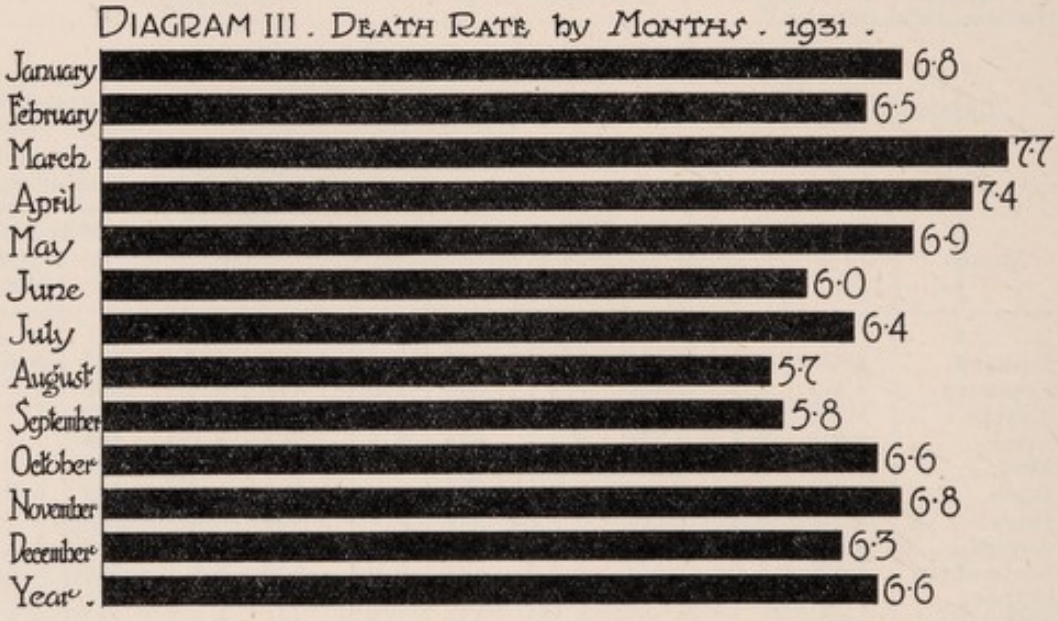


TABLE LVII.—DEATHS IN CITIES BY MONTHS AND RATES PER 1,000, 1931. (Residents Only. Stillbirths Excluded.)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Rate
Moose Jaw	12	11	15	9	13	13	13	11	12	8	16	13	146	6.9
North Battleford	4	8	5	4	7	2	2	6	3	4	4	..	49	8.2
Prince Albert	3	8	9	8	4	9	6	10	6	6	2	4	75	7.6
Regina	25	29	36	33	30	30	29	26	21	30	23	21	333	6.3
Saskatoon	19	28	25	22	21	18	26	18	25	22	31	18	273	6.3
Swift Current	3	4	..	3	3	1	3	2	2	5	4	4	34	6.4
Weyburn	1	1	3	3	4	1	3	1	2	3	4	2	28	5.6
Yorkton	6	4	5	1	3	4	3	1	4	2	2	2	37	7.4
All cities	73	93	98	83	85	78	85	75	75	80	86	64	975	6.5

TABLE LVIII—DEATHS BY MONTHS IN CITIES, TOWNS, VILLAGES, RURAL MUNICIPALITIES AND PROVINCE AND RATES PER 1,000, 1931. (Residents Only. Stillbirths Excluded.)

Month	Cities				Towns				Villages				Rural Municipalities				Province			
	M.	F.	No.	Rate	M.	F.	No.	Rate	M.	F.	No.	Rate	M.	F.	No.	Rate	M.	F.	No.	Rate
January	39	34	73	5.9	31	31	62	11.3	31	34	65	10.1	183	142	325	6.2	284	241	525	6.8
February	46	47	93	7.5	32	22	54	10.0	35	33	68	10.6	167	118	285	5.4	280	220	500	6.5
March	45	53	98	7.9	12	25	37	6.9	24	38	62	9.7	236	155	391	7.4	217	271	588	7.7
April	50	33	83	6.7	28	28	56	10.4	21	19	40	6.2	216	170	386	7.3	315	250	565	7.4
May	49	36	85	6.8	26	15	41	7.6	33	38	71	11.1	215	121	366	6.4	323	210	533	6.9
June	52	26	78	6.3	17	25	42	7.8	32	34	66	10.3	149	128	277	5.3	250	213	463	6.0
July	48	37	85	6.8	18	17	35	6.5	27	22	49	7.6	193	130	323	6.1	286	206	492	6.4
August	43	32	75	6.0	22	16	38	7.0	47	27	74	11.5	150	102	252	4.8	262	177	439	5.7
September	42	33	75	6.0	30	24	54	10.0	16	16	32	5.0	156	129	285	5.4	244	202	446	5.8
October	38	42	80	6.4	23	21	44	8.1	35	29	64	10.0	186	132	318	6.0	282	224	506	6.6
November	54	32	86	6.9	22	15	37	6.9	22	22	44	6.9	210	146	356	6.8	308	215	523	6.8
December	33	31	64	5.2	24	33	57	10.6	28	23	51	8.0	207	107	314	6.0	292	194	486	6.3
Year	539	436	975	6.5	285	272	557	8.6	351	335	686	8.9	2,268	1,580	3,848	6.1	3,443	2,623	6,066	6.6

COMMUNICABLE DISEASES.

The deaths from this group of diseases in 1931 were 820, a decrease of 68 or 7.6 per cent compared with 1930. The death rate for the group is 89 per 100,000 of the population, a decrease of 5.0 points.

Although tuberculosis decreased during 1931 from a rate of 46.1 to 35.4, this disease still has the highest rate in the group. Influenza is second and increased from a rate of 17.9 in 1930 to 27.2 in 1931. All the other diseases of the group show a decreased rate with the exception of scarlet fever, which increased by 0.5 points.

Diagram V shows that the month of March had the highest mortality from these causes. As already stated this was caused by the large number of deaths from influenza in that month.

In the cities, Prince Albert had the highest death rate from these diseases and Weyburn the lowest. Tuberculosis had the highest death rate in the cities and influenza second highest. The deaths taking place in the institutions in the cities are not classified as belonging to the cities but to the municipalities where the deceased persons resided.

The deaths from syphilis still continue to increase.

Diagram XI has been prepared to show the fluctuations of the curve for these diseases for a period of ten years, from the year 1925 to 1931 there was a decrease of 43.1 per cent in the rate. It is remarkable that there was such a decided decrease in the years 1930 and 1931 as they were years of terrible drought in a large portion of the province.

As shown in Table LXI, the estimated loss to the province through the deaths from these diseases, which are preventable, was $1.97 for each man, woman and child in the province.

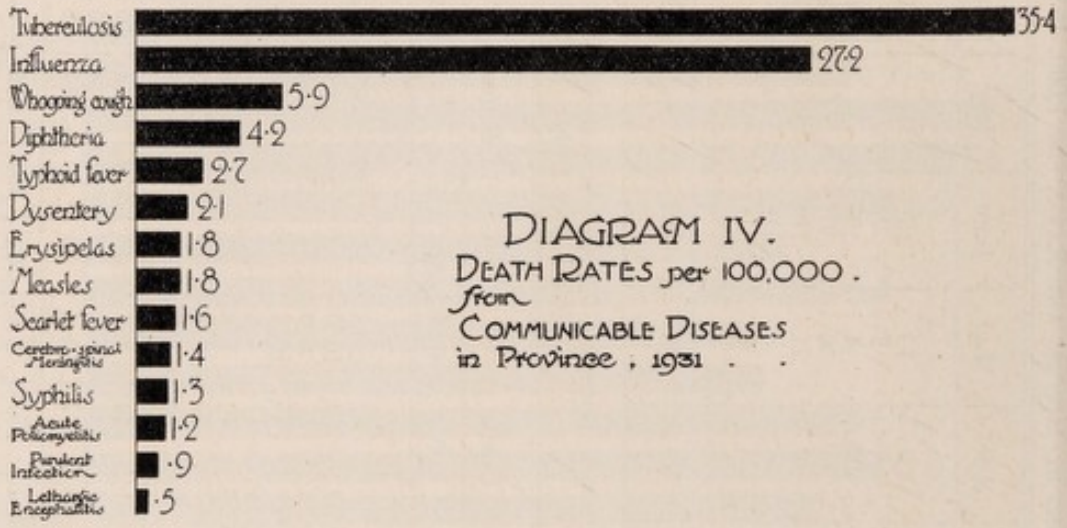
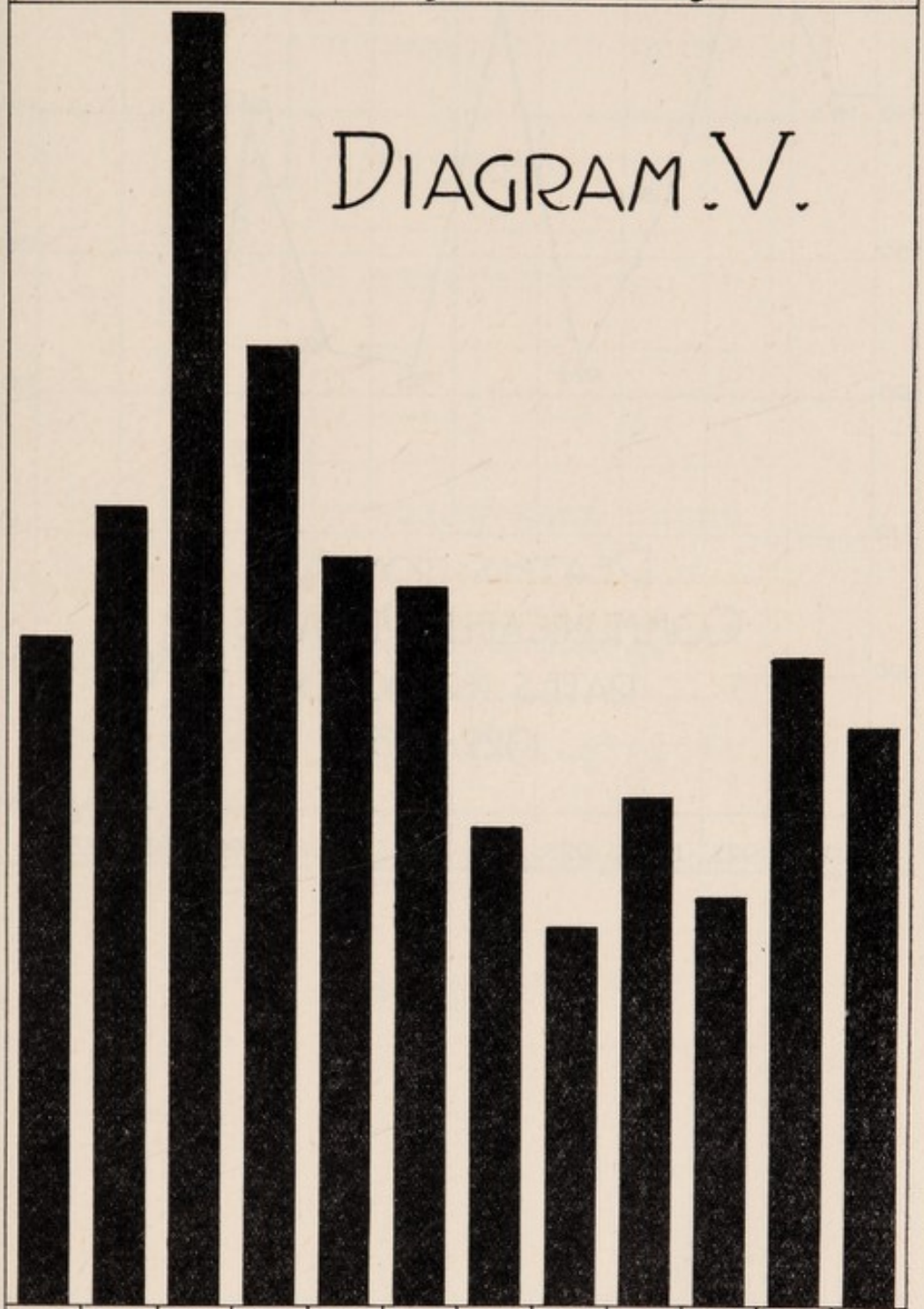


DIAGRAM IV.
DEATH RATES per 100,000.
from
COMMUNICABLE DISEASES
in Province, 1931.

DEATHS from COMMUNICABLE DISEASES 1931 · Number and Rates per 100,000 by Months.



	JAN.	FEB.	MAR	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
	67	80	129	96	75	72	48	38	51	41	65	58
	87·2	104·1	167·9	125·0	97·6	93·7	62·5	49·5	66·4	53·4	84·6	75·5

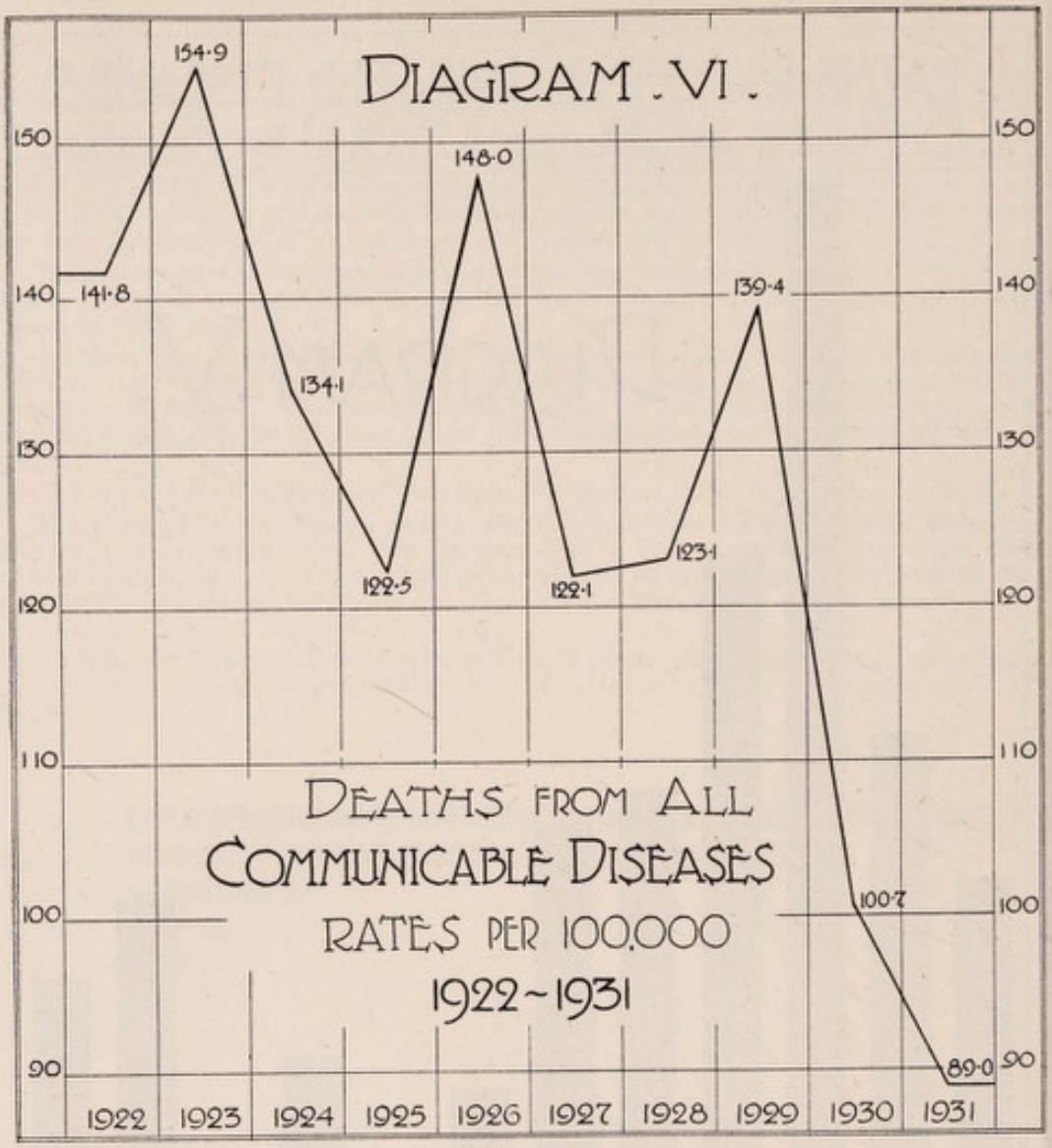

DIAGRAM . VI .
DEATHS FROM ALL
COMMUNICABLE DISEASES
RATES PER 100,000
1922~1931
150
140
130
120
110
100
90
141·8
154·9
134·1
122·5
148·0
122·1
123·1
139·4
100·7
89·0
1922
1923
1924
1925
1926
1927
1928
1929
1930
1931

TABLE LIX—DEATHS FROM COMMUNICABLE DISEASES AND RATES PER 100,000 1914–1931.

Disease	1914–1923		1924–1928		1929		1930		1931	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Typhoid and Paratyphoid Fever	670	9.6	148	3.6	23	2.7	29	3.3	25	2.7
Smallpox	16	.2	7	.2	3	.3	..	..	..	..
Measles	382	5.5	215	5.2	28	3.2	18	2.0	17	1.8
Scarlet fever	343	4.9	133	3.5	43	5.0	10	1.1	15	1.6
Whooping cough	646	9.3	348	8.5	58	6.7	54	6.1	54	5.9
Diphtheria	1,039	14.9	598	14.5	92	10.6	69	7.8	39	4.2
Influenza	6,223	89.3	1,406	34.2	439	50.7	158	17.9	251	27.2
Dysentery	388	5.6	60	1.5	8	.9	28	3.2	19	2.1
Erysipelas	152	2.2	87	2.1	30	3.5	18	2.0	17	1.8
Acute poliomyelitis	37	.5	57	1.4	20	2.3	21	2.4	11	1.2
Lethargic encephalitis	..	..	73	1.8	15	1.7	5	.6	5	.5
Epidemic cerebro spinal meningitis	..	..	108	2.6	29	3.3	25	2.8	13	1.4
Tetanus	10	.1	6	.1	..	..	3	.3	..	..
Tuberculosis	3,192	45.8	1,858	45.2	377	43.5	407	46.1	326	35.4
Syphilis	82	1.2	69	1.7	11	1.3	17	1.9	12	1.3
Gonococcus infection	8	.1	5	.1	1	.1	..	..	..	..
Purulent infection septicæmia	287	4.1	130	3.2	27	3.1	19	2.2	8	.9
Other infectious diseases	75	1.1	35	.9	4	.5	7	.8	8	.9

TABLE LX—DEATHS FROM COMMUNICABLE DISEASES IN CITIES, 1931, (Residents only.)

	Moose Jaw	North Battleford	Prince Albert	Regina	Saskatoon	Swift Current	Weyburn	Yorkton	Total	Rate per 100,000
Typhoid and Paratyphoid fever (1–2)	..	..	1	2	1	..	..	..	4	2.7
Measles (7)	1	..	..	1	..	..	..	..	2	1.3
Scarlet fever (8)	..	..	..	1	3	..	..	..	4	2.7
Whooping cough (9)	..	..	..	1	..	..	..	..	1	.7
Diphtheria (10)	..	1	..	..	5	1	..	..	7	4.7
Influenza (11)	9	4	7	11	9	1	..	4	45	30.2
Dysentery (13)	..	..	..	1	..	..	..	..	1	.7
Erysipelas (15)	..	..	..	2	1	1	1	..	5	3.4
Lethargic encephalitis (17)	..	..	..	1	..	..	..	..	1	.7
Cerebro spinal meningitis (18)	..	..	..	..	1	..	..	..	1	.7
Tuberculosis (all forms) (23–32)	8	4	5	24	16	4	1	1	63	42.3
Syphilis (34)	..	..	1	1	2	..	..	..	4	2.7
Purulent infection (36)	3	..	1	..	5	1	..	..	10	6.7
Total	21	9	15	45	43	8	2	5	148	99.3
Rate per 100,000	98.6	150.4	151.4	84.6	99.3	151.1	40.0	99.5	99.3	

TABLE LXI—COST OF DEATHS FROM COMMUNICABLE DISEASES FOR THE PROVINCE, 1931.

Diseases	Number of Deaths			Funeral expenses Child $50 Adult $100	Life value Child $500 Adult $3,000	Estimated cost of case including medical attendance	Total cost of case and medical attendance	Total cost
	Children under 15 years	Adults	Total					
Typhoid and Paratyphoid fever	3	22	25	$2,350	$67,500	$75	$1,875	$71,725
Measles	15	2	17	950	13,500	10	170	14,620
Scarlet fever	13	2	15	850	12,500	25	375	13,725
Whooping cough	54	..	54	2,700	27,000	10	540	30,240
Diphtheria	33	6	39	2,250	34,500	25	975	37,725
Influenza	113	138	251	19,450	470,500	25	6,275	496,225
Dysentery	14	5	19	1,200	22,000	10	190	23,390
Erysipelas	7	10	17	1,350	33,500	10	170	35,020
Acute poliomyelitis	7	4	11	750	15,500	50	550	16,800
Lethargic encephalitis	2	3	5	400	10,000	75	375	10,775
Cerebro spinal meningitis	11	2	13	750	11,500	50	650	12,900
Tuberculosis	87	239	326	28,250	760,500	600	195,600	984,350
Syphilis	4	8	12	1,000	26,000	300	3,600	30,600
Purulent infection septicæmia	1	7	8	750	21,500	10	80	22,330
Mycoses	..	3	3	300	9,000	100	300	9,600
Chicken pox	1	..	1	50	500	10	10	560
Other infectious diseases	2	2	4	300	7,000	..	..	7,300
Totals	367	453	820	$63,650	$1,542,500	..	$211,735	$1,817,885

CAUSES OF DEATHS PRODUCING THE GREATEST MORTALITY.

These twelve selected diseases were the cause of 72.2 per cent of the total deaths in the province in the year 1931.

The following table is given in order that comparison can be made with the four selected years. It will be noticed that there are five-year periods between 1919 and 1924 and 1924 and 1929.

It is interesting to note the change in the list of the diseases since 1919.

1919		1924	
Rank	Rate	Rank	Rate
1. Influenza	122.1	1. Stillbirths	76.5
2. Congenital Debility	74.6	2. Pneumonia	69.9
3. Diarrhoea and enteritis	54.1	3. Premature births	52.7
4. Stillbirths	46.9	4. Heart diseases	46.4
5. Pneumonia	41.0	5. Tuberculosis	45.5
6. Tuberculosis	33.6	6. Cancer	43.8
7. Cancer	28.5	7. Accidental deaths	37.0
8. Heart diseases	25.5	8. Diarrhoea and enteritis	29.4
9. Senility	22.5	9. Cerebral apoplexy	24.8
10. Diseases of the stomach	16.3	10. Nephritis	24.1
11. Appendicitis and typhilitis	16.2	11. Congenital debility	21.7
12. Infantile convulsions	12.9	12. Influenza	20.7

1929		1931	
Rank	Rate	Rank	Rate
1. Heart diseases	73.0	1. Heart diseases	71.2
2. Pneumonia	66.0	2. Cancer	63.5
3. Stillbirths	63.2	3. Stillbirths	62.6
4. Cancer	59.0	4. Pneumonia	54.0
5. Premature births	54.8	5. Premature births	40.8
6. Influenza	50.7	6. Accidental deaths	39.2
7. Tuberculosis	43.5	7. Tuberculosis	35.4
8. Accidental deaths	42.0	8. Influenza	27.2
9. Nephritis	25.0	9. Nephritis	26.5
10. Cerebral apoplexy	22.8	10. Diarrhoea and enteritis	25.2
11 Diarrhoea and enteritis	22.2	11. Cerebral apoplexy	19.1
12. Congenital debility	16.8	12. Congenital debility	10.6

In five cases the rural death rates exceed the urban viz: Pneumonia, Diarrhoea, Nephritis, Congenital Debility and Premature Births.

Each of these diseases will be discussed more fully in the order outlined in the previous table for 1931. Those pertaining to Infant Mortality and Stillbirths will be discussed under the proper classifications.

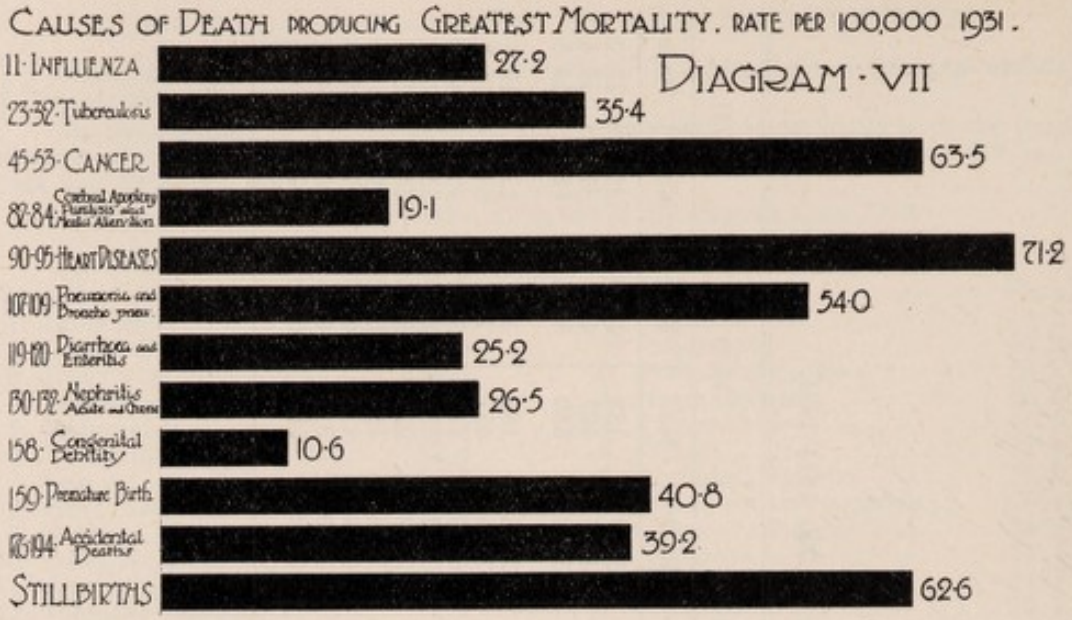
TABLE LXII.—CAUSES OF DEATH PRODUCING GREATEST MORTALITY. 1931. URBAN AND RURAL RATES PER 100,000. (Residents only).

List No.	Causes	Urban		Rural	
		No.	Rate	No.	Rate
11	Influenza	58	31.2	193	26.2
23– 32	Tuberculosis	77	41.4	249	33.8
45– 53	Cancer	155	83.3	430	58.5
82– 84	Cerebral Apoplexy, Paralysis and Mental Alienation	51	27.4	125	17.0
90– 95	Heart Diseases	176	94.6	480	65.2
107–109	Pneumonia and Bronchopneumonia	70	37.6	428	58.2
119–120	Diarrhoea and Enteritis	32	17.2	200	27.2
130–132	Nephritis (Acute and Chronic)	43	23.1	201	27.3
158	Congenital Debility	7	3.8	91	12.4
159	Premature Birth	70	37.6	306	41.6
176–194	Accidental Deaths	78	41.9	283	38.5
	Stillbirths	124	66.6	453	61.6

Urban centres are those with a population of 1,000 or over.

TABLE LXIII—CAUSES OF DEATH PRODUCING GREATEST MORTALITY RATES PER 100,000, 1914–1931.

List No.	Causes	1914—1923		1924—1928		1929		1930		1931	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
11	Influenza	6,223	89.3	1,406	34.2	439	50.7	158	17.9	251	27.2
23–32	Tuberculosis	3,192	45.8	1,858	45.2	377	43.5	407	46.1	326	35.4
45–53	Cancer	2,328	33.4	2,004	48.7	511	59.0	480	54.4	585	63.5
82–84	Cerebral apoplexy paralysis and mental alienation	1,630	23.4	1,023	24.9	198	22.8	189	21.4	176	19.1
90–95	Heart diseases	2,686	38.5	2,415	58.7	638	73.6	651	73.8	656	71.2
107–109	Pneumonia and bronchopneumonia	4,337	62.2	2,672	64.9	572	66.0	444	50.3	498	54.0
119–120	Diarrhoea and enteritis	2,931	42.1	1,114	27.1	192	22.2	352	39.9	232	25.2
130–132	Nephritis (acute and chronic)	1,341	19.2	1,059	25.7	217	25.0	277	31.4	244	26.5
158	Congenital debility	2,076	29.8	818	19.9	146	16.8	152	17.2	98	10.6
159	Premature birth	3,299	47.3	1,828	44.4	402	46.4	426	48.3	376	40.8
176–194	Accidental deaths	2,806	40.3	1,717	41.7	381	44.0	377	42.6	361	39.2
	Stillbirths	4,137	59.4	2,845	69.1	548	63.2	547	62.0	577	62.6



INFLUENZA.

The deaths from this disease numbered 251, an increase of 93 over 1930, or 6.0 per cent. The death rate for 1931 is 27.2 per 100,000.

Diagram VIII shows the high rate for the month of March, and how the curve reached the lowest point in the month of August; for the last six months of the year, the fluctuation in the rate was very slight.

The history of the disease is given in Diagram IX. According to the same, the curve is on the upward trend. It has been the experience in other countries that the upward trend occurs in about every three or four years, so we may expect that the mortality from this disease may increase for the next few years.

The mean rate from this disease for the ten-year period was 33.7, so that the rate in 1931 was ten points lower than the mean.

Two rates are given in Table LXV, one for the actual population in each period, and the other, the percentage of deaths in each period. These figures show that the first and last ten-year periods of life are the most susceptible to this disease, that it is only the period between ten years and twenty that the death rate is at the lowest.

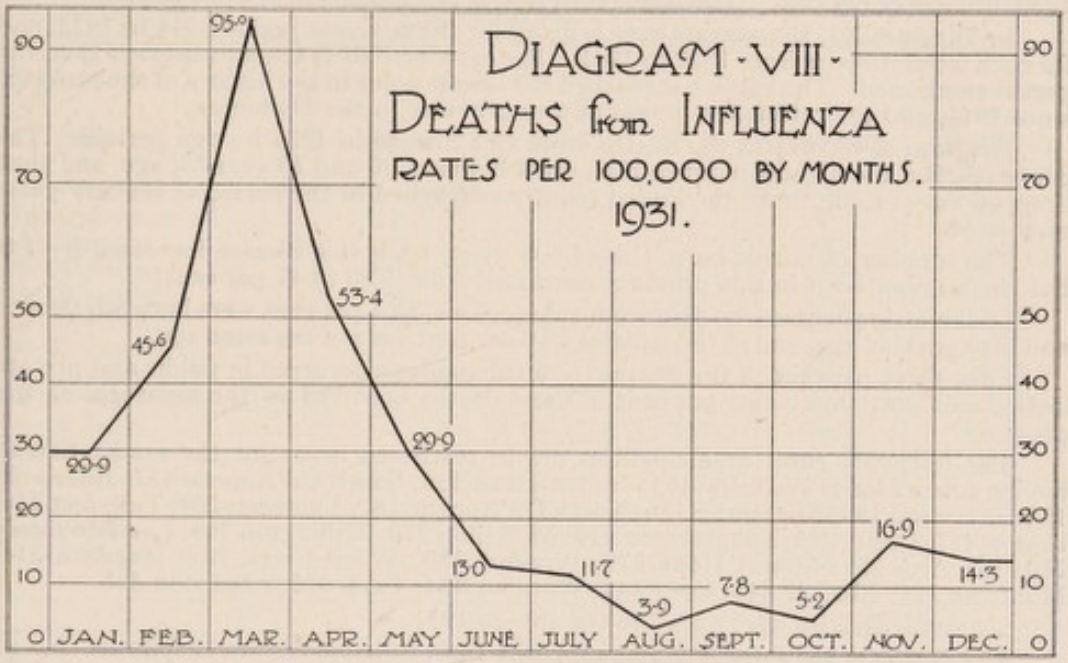
The death of females from this disease amounted to 56.6 per cent.

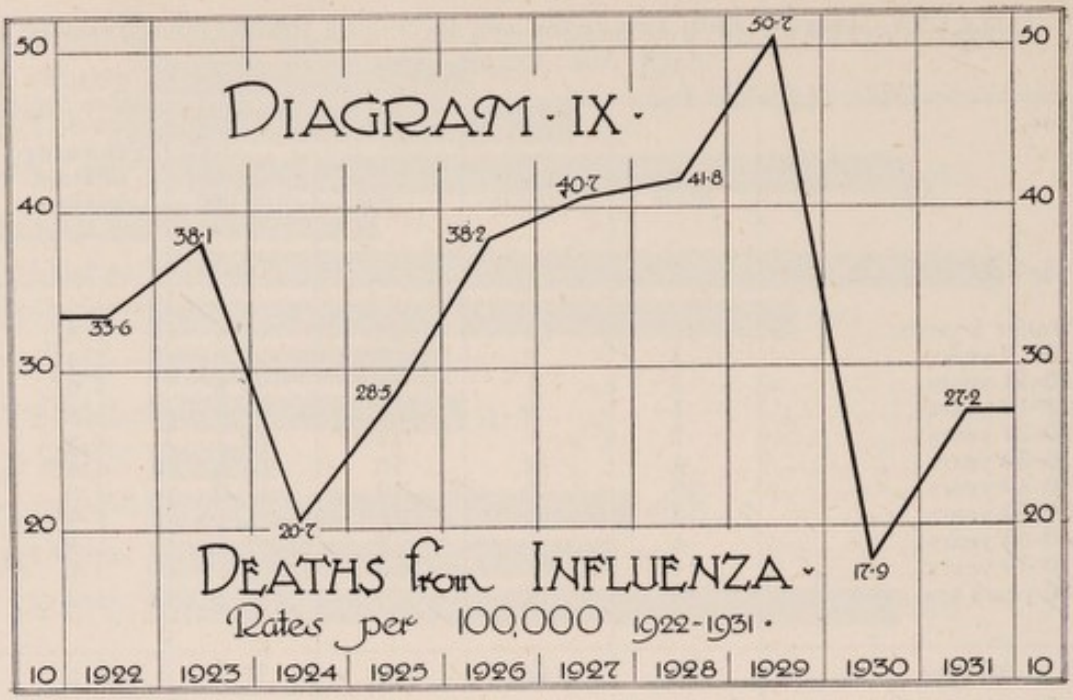
TABLE LXIV—DEATHS FROM INFLUENZA AND RATES PER 100,000 BY MONTH, 1931.

Month	Male	Female	Total	Rate
January	11	12	23	29.9
February	15	20	35	45.6
March	30	43	73	95.0
April	18	23	41	53.4
May	11	12	23	29.9
June	5	5	10	13.0
July	4	5	9	11.7
August	1	2	3	3.9
September	2	4	6	7.8
October	2	2	4	5.2
November	5	8	13	16.9
December	5	6	11	14.3
Total	109	142	251	27.2

TABLE LXV—DEATHS FROM INFLUENZA AND RATES PER 100,000 POPULATION IN EACH AGE PERIOD, 1931.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years	45	53	98	93.1	5.4
5– 9 years	3	8	11	9.9	7.4
10–14 years	3	1	4	3.6	3.0
15–19 years	1	5	6	5.9	3.8
20–29 years	7	9	16	10.7	4.5
30–39 years	4	12	16	13.6	4.4
40–49 years	10	9	19	17.0	3.8
50–59 years	8	10	18	27.1	2.9
60–69 years	6	7	13	41.1	1.9
70–79 years	14	16	30	206.5	3.7
80 years and over	8	12	20	645.2	4.3
All ages	109	142	251	27.2	4.1





TUBERCULOSIS.

The deaths from this cause were 326, a decrease of eighty-one compared with 1930, or twenty per cent. The death rate is 35.4 per 100,000 of the population.

In Diagram XI, the averate rate is given for the ten-year period 1914 to 1923, and for each separate year from 1923 to 1931. The rate for 1931 is ten points lower than the period mentioned. The curve has reached the lowest point in the history of the province since 1914, and the rate is the lowest of any province in the Dominion.

Diagram X illustrates the deaths from this disease in 1931 by age periods. The curve reached the highest point in the period between 20 and 29 years of age, and then dropped very rapidly until the lowest point was reached in the period of seventy years and over.

The number of native-born Canadians dying from this disease increased by 1.0, but the number born in this province decreased from 50.0 to 47 per cent.

Of the male persons who died from tuberculosis, 53.1 per cent were between twenty and fifty years of age, and of the females 48.0 per cent were of the same age.

Fifty-three per cent of the deaths from tuberculosis occurred in public and private institutions and thirty-two per cent of these deaths occurred in the sanatoria of the province.

The following rural municipalities are in restricted areas for the eradication of bovine tuberculosis: Wolseley 155; Indian Head 156, South Qu'Appelle 157; Edenwold 158; Sherwood 159; Abernethy 186; North Qu'Appelle 187; Lumsden 189; Tullymet 216; Lipton 217; Cupar 218; Longlaketon 219; McKillop 220; Millington 246; Last Mountain 250; Big Arm 251; Mount Hope 279; Wreford 280; Wood Creek 281; Dundurn 314; Montrose 315; Blucher 343; Cory 344; Warman 374; Park 375; Loganton 345.

Six municipalities were added to the area in 1931.

The deaths in the foregoing municipalities from tuberculosis are as follows:

R.M.	Number of deaths	Cause of Death	Age period
159	1	Tuberculosis of the Meninges	10–14 years.
187	2	Tuberculosis of the Meninges	10–14 years.
216	1	Tuberculosis of the Meninges	Under 1 year.
344	1	Tuberculosis of the Lungs	1–4 years.
344	1	Tuberculosis of the Lungs	10–14 years.
374	1	Tuberculosis of the Meninges	1–4 years.

DEATHS FROM TUBERCULOSIS AMONG FEMALES.

It has been claimed by leading health authorities that females are more liable to tuberculosis than males, especially those in the adolescent periods of life. During the

past year the death records of those dying from this cause have been carefully examined with the foregoing purpose in view and the following are the principal facts obtained:

In the period of life from 15 to 20 years, the deaths of both sexes were exactly equal, viz., 26 males and 26 females, and the total deaths are divided as follows: 174 males and 152 females. It therefore appears that in this province, the males are more subject to tuberculosis than the females.

Another claim has been made that married women because of the danger of child-birth, are more liable to be attacked by this disease. The figures are as follows: The deaths from tuberculosis among married women between 15 and 50 years of age numbered 48. This is fifteen per cent of the total deaths caused by tuberculosis and thirty-one per cent of the total female deaths from the same disease. Of these 48 women, 45 were classified as housewives, one a nurse, and in two cases, no occupation was given.

The deaths among unmarried women of the same age period number 41, being seven less than the married women or 4 per cent of the total female deaths.

The occupation of these unmarried women were given as: housekeepers 4; housemaids 9; office clerks 4; students 6; nurses 2; librarians 1; waitresses 1; store clerks 1; dressmakers 1; occupation not given 12.

It is safe to assume that most of the 12 non-defined were students, so that this group had the largest number of deaths from this disease.

The residences of both classes of women were as follows:

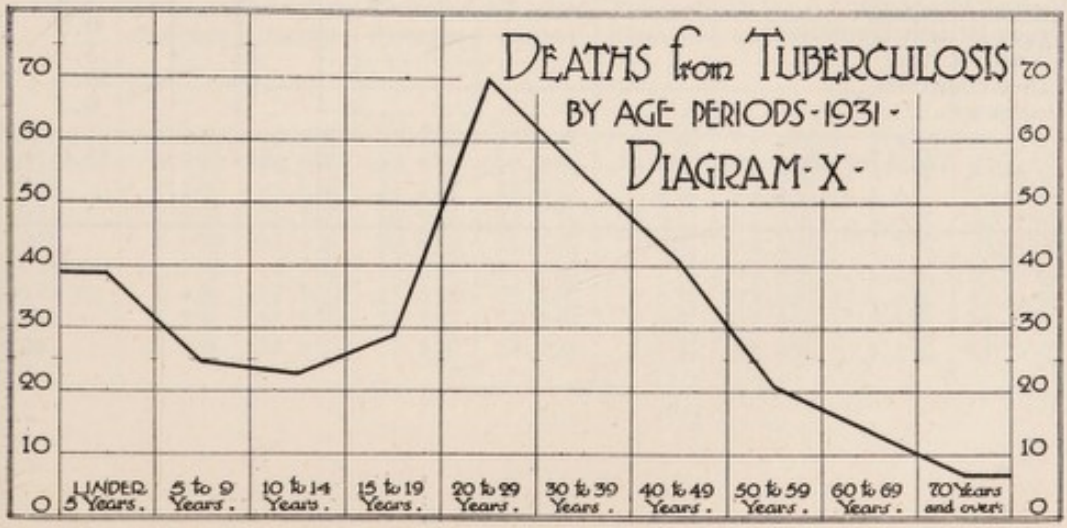
Of the married women 39 were in rural sections and 9 in cities;

Of the unmarried women 32 were in rural sections and 9 in cities.

The foregoing facts are given for information and no attempt is made to draw conclusions. It would not be wise to do so from one year's figures.

TABLE LXVI.—DEATHS FROM TUBERCULOSIS AND RATES PER 100,000 POPULATION IN EACH AGE PERIOD, 1931.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years	19	20	39	37.1	2.2
5– 9 years	15	10	25	22.5	16.9
10–14 years	13	10	23	20.9	17.4
15–19 years	13	16	29	28.7	18.2
20–29 years	36	34	70	46.9	19.8
30–39 years	29	26	55	46.9	15.3
40–49 years	28	13	41	36.6	8.2
50–59 years	11	10	21	31.7	3.4
60–69 years	8	6	14	44.3	2.0
70–79 years	1	5	6	41.3	.7
80 years and over	..	1	1	32.3	.2
Unknown	1	1	2	1,058.2	16.7
All ages	174	152	326	35.4	5.4



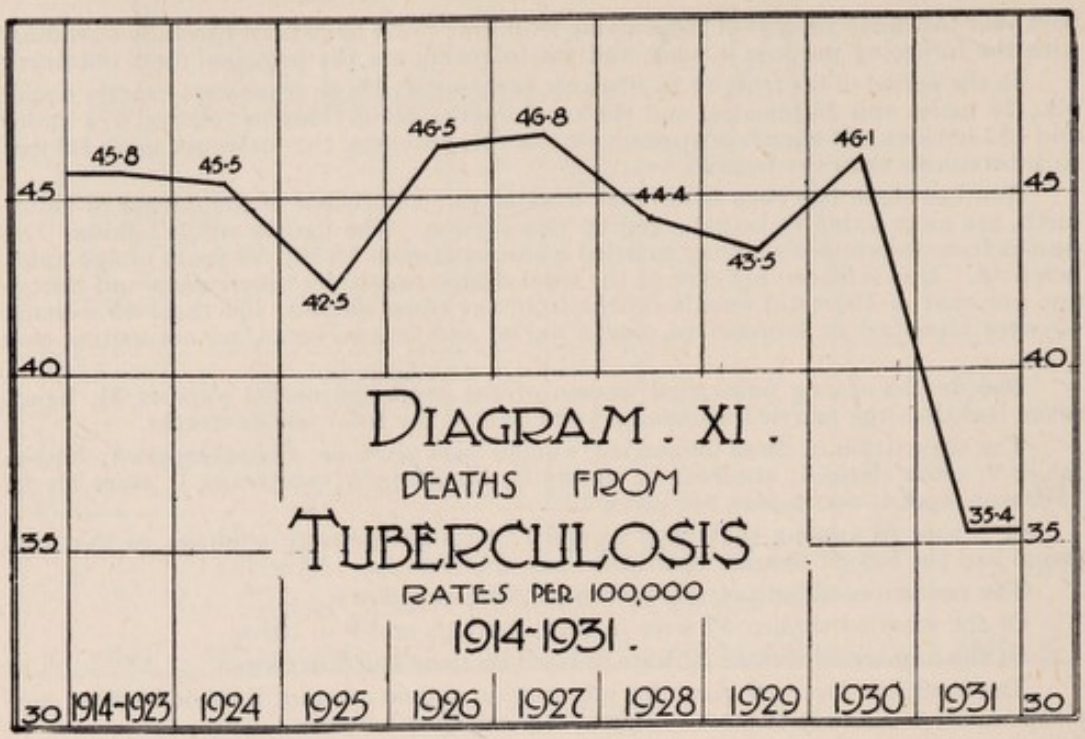


TABLE LXVII—DEATHS FROM TUBERCULOSIS BY BIRTHPLACE OF DECEASED, 1931.

Birthplace	Number	Percentage of total deaths from tuberculosis
Prince Edward Island	2	0.6
Nova Scotia	4	1.2
New Brunswick	1	0.3
Quebec	7	2.1
Ontario	24	7.4
Manitoba	16	4.9
Saskatchewan	155	47.5
Alberta	3	0.9
Total for Canada	212	65.0
United Kingdom	29	8.9
Other British Dominions	1	0.3
United States	17	5.2
Other countries	66	20.2
Unknown	1	0.3
Total for other countries	114	35.0

TABLE LXVIII.—DEATHS FROM TUBERCULOSIS BY OCCUPATION OF DECEASED, 15 YEARS AND OVER, 1931.

Occupation	Male		Female	
	Number	Percentage of total deaths in each occupation	Number	Percentage of total deaths in each occupation
Total	127	5.6	112	6.5
Farmers and farmers' sons	46	3.2	1	2.2
Laborers	29	12.7	..	....
Hunters and trappers	9	47.4	..	....
Furriers	1	100.0	..	....
Leather workers	1	10.0	..	....
Dressmakers	..	....	1	100.0
Printing trades	1	20.0	..	....
Stationary engineers	2	15.4	..	....
Electric light and power production	1	100.0	..	....
Electricians	2	50.0	..	....
Painters, decorators and glaziers	1	8.3	..	....
Brakemen and trainmen	1	50.0	..	....
Railway mail clerks	1	100.0	..	....
Chauffeurs, drivers, etc	2	14.3	..	....
Telegraph operators	2	28.6	..	....
Retail merchants	1	1.6	..	....
Salesmen and saleswomen	1	5.6	1	20.0
Doctors	1	9.1	..	....
Teachers	2	25.0	..	....
Other professional workers	1	2.2	5	20.8
Personal service	3	20.0	16	8.2
Laundry workers	1	16.7	..	....
Office employees (incl. govt. and mun.)	6	18.8	4	28.6
Housewives	..	....	47	5.6
No occupation	10	23.8	29	7.0
Occupation not available	2	28.6	8	6.2

TABLE LXIX.—PROPORTIONATE MORTALITY (Stillbirths Excepted) FROM TUBERCULAR DISEASES BY DIVISIONAL PERIODS OF LIFE, 1914-1931.

Year	Under 20		20 to 39		40 to 59		60 and over	
	Tuberc'r diseases	All other causes	Tuberc'r diseases	All other causes	Tuberc'r diseases	All other causes	Tuberc'r diseases	All other causes
1914-23	3.2%	96.8%	12.5%	87.5%	6.9%	93.1%	1.8%	98.2%
1924	4.0%	96.0%	22.1%	77.9%	6.4%	93.6%	1.7%	98.3%
1925	4.2%	95.8%	21.1%	78.9%	7.3%	92.7%	1.4%	98.6%
1926	4.9%	95.1%	16.9%	83.1%	8.5%	91.5%	2.3%	97.7%
1927	4.9%	95.1%	20.4%	79.6%	7.6%	92.4%	1.7%	98.3%
1928	5.1%	94.9%	18.6%	81.4%	6.2%	93.8%	1.2%	98.8%
1929	4.4%	95.6%	17.6%	82.4%	6.6%	93.4%	1.4%	98.6%
1930	5.2%	94.8%	21.3%	78.7%	7.0%	93.0%	2.0%	98.0%
1931	5.2%	94.8%	17.5%	82.5%	5.6%	94.4%	1.1%	98.9%

TABLE LXX.—DEATHS FROM TUBERCULOSIS IN PUBLIC AND PRIVATE INSTITUTIONS, 1931.

Location	Name	No.
Arcola	Brock Union Hospital	1
Bracken	Red Cross Outpost	1
Eaton	Union Hospital	1
File Hills	Colony Hospital	2
Fort San	Sanatorium	36
Humboldt	St. Elizabeth's Hospital	1
Melfort	Lady Minto Hospital	1
Melville	Municipal Hospital	1
Moose Jaw	General Hospital	9
Moose Jaw	Providence	4
Moosomin	General Hospital	1
North Battleford	Mental Hospital	7
North Battleford	Notre Dame Hospital	1
Prince Albert	Sanatorium	37
Regina	General Hospital	15
Regina	Grey Nuns Hospital	5
Saskatoon	City Hospital	2
Saskatoon	St. Pauls Hospital	2
Saskatoon	Sanatorium	32
Swift Current	General Hospital	1
Shaunavon	Union Hospital	1
Turtleford	Hospital	1
Weyburn	General Hospital	2
Weyburn	Mental Hospital	11
Total		175

CANCER.

This disease advanced from fourth to second place in the list of diseases causing greatest mortality. The number of deaths was 585, an increase of 105, or 18 per cent. The rate is 63.5, the highest for any year in the history of the province.

The male deaths were 57 per cent of the total deaths, and the female 43 per cent.

As usual the deaths caused by cancer in the digestive tract and peritoneum exceeded the deaths from cancer in all the other organs of the body, the percentage being 55.2 per cent.

The deaths from cancer in the female genital organs amounted to nine per cent of the total deaths, and the male deaths from the same cause were 7.5 per cent of the total deaths from cancer.

Diagram IX shows that deaths from cancer occur largely in the periods of life between forty and eighty years, and that the peak is reached in the period between fifty and sixty years.

The female deaths exceeded the males between thirty and forty years of age.

The prevalence of this disease is shown in Table LXXIV. No less than 96.4 of every 1,000 deaths occuring in the province were due to cancer.

The rates by organs will be found in table LXXI. It was not possible to have table LXXII revised for this report in accordance with the new classification.

TABLE LXXI.—DEATHS FROM CANCER BY ORGANS AND SEX AND RATE PER 100,000 POPULATION, 1931.

Organ	Male	Female	Total	Rate per 100,000
Buccal Cavity and Pharynx	20	2	22	2.4
Digestive Tract and Peritoneum	207	116	323	35.0
Respiratory Organs	20	3	23	2.5
*Uterus	..	44	44	10.4
*Other Female Genital Organs	..	9	9	2.1
Breast	1	53	54	5.8
*Male Genito Urinary Organs	44	..	44	8.8
Skin	5	1	6	.7
Other or not specified organs	33	27	60	6.5
Total	330	255	585	63.5

*Rate for Male or Female Population.

TABLE LXXII.—DEATH RATES FROM CANCER PER 100,000 POPULATION, BY ORGAN, 1914–1930. (Old Classification.)

Organ	1914–1923	1924	1925	1926	1927	1928	1929	1930
Buccal cavity	1.2	2.3	2.0	3.0	2.0	1.5	1.3	1.5
Stomach and liver	15.0	20.1	19.1	21.1	23.4	24.8	26.1	23.1
Peritoneum, intestine, rectum	3.8	5.4	5.7	5.4	5.6	7.3	9.3	9.1
*Female genital organs	6.2	11.3	10.3	10.1	12.9	11.9	14.7	10.7
Breast	2.4	3.5	3.7	2.7	3.6	4.6	4.2	3.2
Skin	.7	1.0	1.1	1.3	1.4	.9	.6	.8
Other organs	7.2	6.4	7.3	9.0	11.2	10.7	10.8	11.9
All forms	33.4	43.8	43.6	47.1	53.2	55.2	59.0	54.4

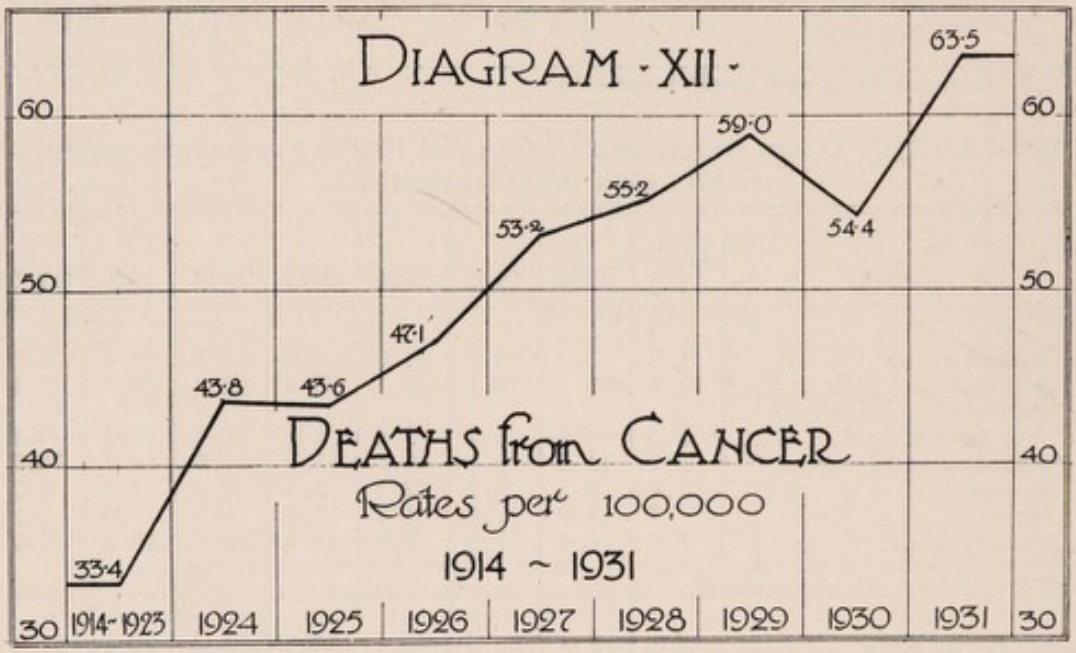
*Rates for female population.

TABLE LXXIII.—DEATHS FROM CANCER AND RATES PER 100,000 IN EACH PERIOD, 1931.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 20 years	6	9	15	3.5	.7
20–29 years	10	2	12	8.0	3.4
30–39 years	9	15	24	20.5	6.7
40–49 years	38	43	81	72.4	16.3
50–59 years	83	68	151	227.6	24.4
60–69 years	88	59	147	465.3	21.5
70–79 years	75	43	118	812.2	14.4
80 years and over	19	16	35	1,129.0	7.4
Unknown	2	..	2	1,058.2	16.7
All ages	330	255	585	63.5	9.6

TABLE LXXIV.—DEATHS FROM CANCER, 1905–1931. RATES PER 100,000 POPULATION AND RATES PER 1,000 DEATHS FROM ALL CAUSES.

Year	Number of deaths	Rate per 100,000 population	Rate per 1,000 deaths from all causes
1905–1914	697	16.8	30.2
1915–1924	2,542	35.4	43.3
1925	353	43.6	62.7
1926	387	47.1	63.9
1927	445	53.2	73.8
1928	470	55.2	76.2
1929	511	59.0	76.1
1930	480	54.4	76.1
1931	585	63.5	96.4



CEREBRAL APOPLEXY, PARALYSIS AND MENTAL ALIENATION.

As in the two previous years, the deaths from this group of diseases decreased in 1931, by almost seven per cent.

A striking fact is that the deaths were equal for both sexes.

Six per cent of the deaths from this cause were under forty years of age.

TABLE LXXV.—DEATHS FROM CEREBRAL APOPLEXY, PARALYSIS AND MENTAL ALIENATION BY SEX, 1931.

Age	Male	Female	Total
Under 20 years	1	..	1
20–29 years	2	1	3
30–39 years	4	3	7
40–49 years	12	11	23
50–59 years	13	11	24
60–69 years	13	18	31
70–79 years	20	27	47
80 years and over	23	17	40
All ages	88	88	176

HEART DISEASES.

This cause continues to head the list of diseases causing the greatest mortality. The deaths from these diseases only increased by six during the year. The rate is 71.2 per 100,000, which is lower than 1930. This is caused by the correct figures obtained through the census.

The deaths from 50 years to 80 were almost 80 per cent of the total deaths from this cause, and show clearly that it is peculiar to the latter period of life. In 1930 the percentage was 60.

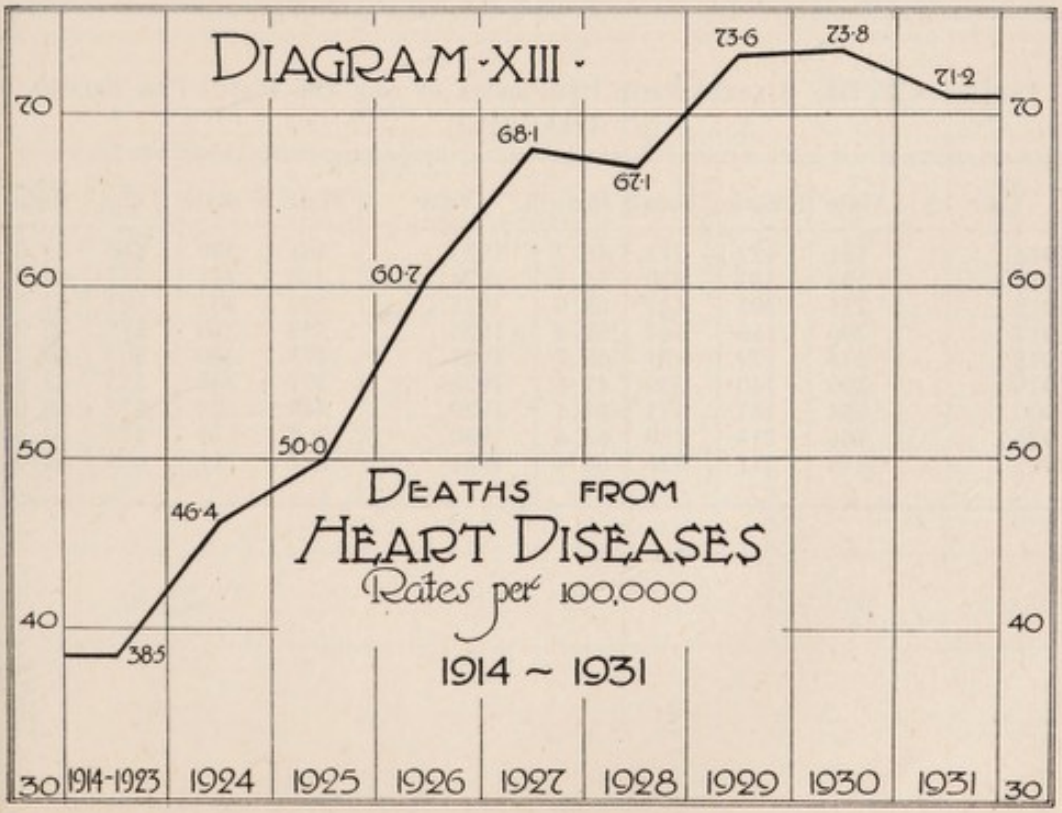
The male deaths were 56.6 per cent of the total deaths.

Eighty per cent of the males who died from this cause were between 50 and 80 years of age, and seventy-eight per cent of the females were of the same age.

Diagram XIII shows that in 1931, the trend of the curve was downwards.

TABLE LXXVI.—DEATHS FROM HEART DISEASES AND RATES PER 100,000 IN EACH AGE PERIOD, 1931.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 10 years	4	8	12	5.5	.6
10 to 19 years	5	14	19	9.0	6.5
20 to 29 years	12	13	25	16.7	7.1
30 to 39 years	14	6	20	17.1	5.6
40 to 49 years	40	20	60	53.6	12.0
50 to 59 years	79	25	104	156.8	16.8
60 to 69 years	87	64	151	477.9	22.0
70 to 79 years	90	92	182	1,252.7	22.2
80 years and over	41	42	83	2,677.4	17.7
All ages	372	284	656	71.2	10.8



PNEUMONIA

The mortality from this disease increased by 54 in 1931, which is 12 per cent. The rate is 54 per 100,000 of the population. The rates since 1914 are given in Table LXXVIII.

As shown in Diagram XIII the lowest monthly rate was in July, and the highest in March. The first four months of the year had exceptionally high rates, especially in March, which was 92.4. Some health authorities claim that every three years there is a widespread epidemic of pneumonia, but this is not the experience in Saskatchewan, as in the last eighteen years, there was only one such epidemic, viz., in 1923, and then the rate was 83.

Pneumonia claimed a large toll of deaths under five years; over 55 per cent of the total deaths occurred in this period.

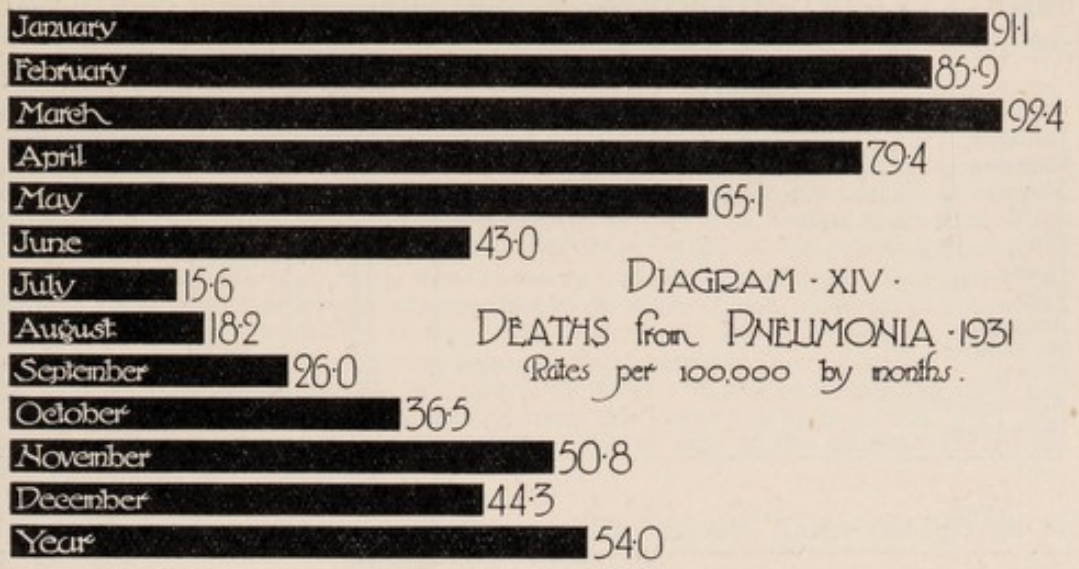
By comparing the monthly diagrams of "Influenza and Pneumonia", it will be noticed that the month of March in each case had the highest mortality.

TABLE LXXVII.—DEATHS FROM PNEUMONIA AND RATES PER 100,000 IN EACH AGE PERIOD, 1931.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years	166	112	278	264.2	15.3
5– 9 years	1	3	4	3.6	2.7
10–14 years	..	4	4	3.6	3.0
15–19 years	4	1	5	4.9	3.1
20–29 years	12	7	19	12.7	5.4
39–39 years	8	8	16	13.7	4.4
40–49 years	15	10	25	22.3	5.0
50–59 years	27	6	33	49.8	5.3
60–69 years	13	15	28	88.6	4.1
70–79 years	30	21	51	351.0	6.2
80 years and over	11	24	35	1,129.0	7.4
All ages	287	211	498	54.0	8.2

TABLE LXXVIII.—DEATHS FROM PNEUMONIA BY SEX AND RATES PER 100,000, 1914–1931.

Year	Male	F'male	Total	Rate	Year	Male	F'male	Total	Rate
1914	151	122	273	46.7	1923	361	289	650	83.0
1915	198	152	350	56.8	1924	316	241	557	69.9
1916	225	202	427	65.9	1925	299	203	502	62.0
1917	206	158	364	54.4	1926	335	240	575	70.0
1918	275	179	454	65.7	1927	273	230	503	60.2
1919	199	140	339	47.6	1928	297	238	535	62.9
1920	284	187	471	64.1	1929	349	223	572	66.0
1921	266	214	480	63.4	1930	269	175	444	50.3
1922	278	251	529	68.6	1931	287	211	498	54.0



DIARRHOEA AND ENTERITIS.

The deaths from this disease numbered 232, a decrease compared with 1930 of 120, or 34 per cent. The death rate is 25.2 per 100,000.

The period under 1 year of age still claims the largest number of deaths from this cause; no less than 78.8 per cent of the deaths occurred in this period.

The male deaths exceeded the female by almost 25 per cent.

October had the largest number of deaths, and 55 per cent of the deaths occurred in the months of August, September and October.

According to the historical chart, the following years had the highest rates: 1919, 62; 1920, 51; 1922, 47; 1923, 44; and 1930, 39; so that since 1919 the trend of the curve has been downwards.

TABLE LXXIX.—DEATHS FROM DIARRHOEA AND ENTERITIS BY AGE AND SEX, 1931.

Age	Male	Female	Total
Under 1 year	111	72	183
1– 4 years	9	15	24
5– 9 years	1	4	5
10–14 years	1	..	1
15–19 years	..	..	..
20–29 years	..	2	2
30–39 years	..	1	1
40–49 years	2	..	2
50–59 years	..	1	1
60–69 years	1	..	1
70–79 years	4	3	7
80 years and over	2	2	4
Unknown	1	..	1
All ages	132	100	232

TABLE LXXX.—DEATHS FROM DIARRHOEA AND ENTERITIS BY MONTH AND SEX, 1931.

Month	Male	Female	Total
January	8	6	14
February	3	1	4
March	5	2	7
April	1	6	7
May	6	2	8
June	12	4	16
July	11	7	18
August	18	13	31
September	24	20	44
October	27	26	53
November	9	8	17
December	8	5	13
Year	132	100	232

TABLE LXXXI.—DEATHS FROM DIARRHOEA AND ENTERITIS BY SEX AND RATES PER 100,000, 1914–1931.

Year	Male	F'male	Total	Rate	Year	Male	F'male	Total	Rate
1914	69	59	128	21.9	1923	195	156	351	44.8
1915	110	88	198	32.1	1924	129	105	234	29.4
1916	138	105	243	37.5	1925	138	123	261	32.2
1917	154	108	262	39.1	1926	133	98	231	28.1
1918	155	106	261	37.8	1927	109	99	208	24.9
1919	244	203	447	62.7	1928	103	77	180	21.2
1920	209	172	381	51.8	1929	107	85	192	22.2
1921	181	112	293	38.7	1930	203	149	352	39.9
1922	203	164	367	47.6	1931	132	100	232	25.2

NEPHRITIS.

The deaths from this disease decreased by 32 in 1931, which is 12 per cent. The rate is 26.4.

According to sex, the males and females had an equal number of deaths.

This disease is peculiar to old age. Seventy-eight per cent of the deaths from this cause occurred among persons over fifty years of age.

TABLE LXXXII.—DEATHS FROM NEPHRITIS (Acute and Chronic) BY AGE AND SEX.

Age	Male	Female	Total
Under 5 years	2	2	4
5– 9 years	1	1	2
10–14 years	2	1	3
15–19 years	2	3	5
20–29 years	..	5	5
30–39 years	4	7	11
40–49 years	11	11	22
50–59 years	18	22	40
60–69 years	21	24	45
70–79 years	39	32	71
80 years and over	21	14	35
Unknown	1	..	1
All ages	122	122	244

VIOLENT OR ACCIDENTAL DEATHS.

The deaths from this group in 1931 numbered 450, a decrease of 95, or 17.3 per cent. The rate per 100,000 is 48.8.

The suicides included in this group decreased from 127 in 1930 to 76 in 1931, or 45 per cent. The drownings increased by 8 per cent.

Tables LXXXV and LXXXVI have been prepared in order to show these causes by months. In the former table, the month of March had the largest number of suicides, and in the latter table, the two holiday months of July and August claimed this distinction. Thirty per cent of this class of deaths occurred in the months mentioned.

It is remarkable that there were as many children under 5 years of age killed through these causes as adults between 20 and 30 years of age. The periods between 20 and 30 years of age claimed 46.2 per cent of the total deaths from these causes.

The investigation into deaths by automobile accidents was continued in 1931, and the results of the same are given in Table LXXXVII. It will be noted that there are two periods in the year when the deaths from this cause are highest, viz., July and August, and October and November. Almost 45 per cent of the deaths were due to the overturning of automobiles.

TABLE LXXXIII.—VIOLENT OR ACCIDENTAL DEATHS AND RATES PER 100,000 IN EACH AGE PERIOD, 1931.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years	42	26	68	64.6	3.8
5– 9 years	10	4	14	12.6	9.5
10–14 years	18	5	23	20.9	17.4
15–19 years	33	8	41	40.6	25.8
20–29 years	58	10	68	45.5	19.3
30–39 years	47	8	55	46.9	15.3
40–49 years	54	4	58	51.8	11.6
50–59 years	49	6	55	82.9	8.9
60–69 years	27	3	30	95.0	4.4
70–79 years	16	4	20	137.7	2.4
80 years and over	8	8	16	516.1	3.4
Unknown	2	..	2	1,058.2	16.7
All ages	364	86	450	48.8	7.4

TABLE LXXXIV.—VIOLENT OR ACCIDENTAL DEATHS BY SEX, 1931.

Causes	Male	Female	Total	Rate per 100,000
Suicides	64	12	76	8.2
Drownings	52	10	62	6.7
Automobiles	39	11	50	5.4
Conflagrations and burns	23	11	34	3.7
Injuries by animals	24	4	28	3.0
Other land transportation	23	1	24	2.6
Railway	20	1	21	2.3
Firearms	18	..	18	2.0
Machines	15	..	15	1.6
Homicides	10	2	12	1.3
Other accidents	76	34	110	11.9
	364	86	450	48.8

TABLE LXXXV.—SUICIDES BY MONTHS AND SEX.

Month	Male	Female	Month	Male	Female
January	3	1	July	4	2
February	2	1	August	4	1
March	13	..	September	8	1
April	7	1	October	2	1
May	7	1	November	5	1
June	3	..	December	6	2
Total				64	12

CONJUGAL CONDITION—SUICIDES.

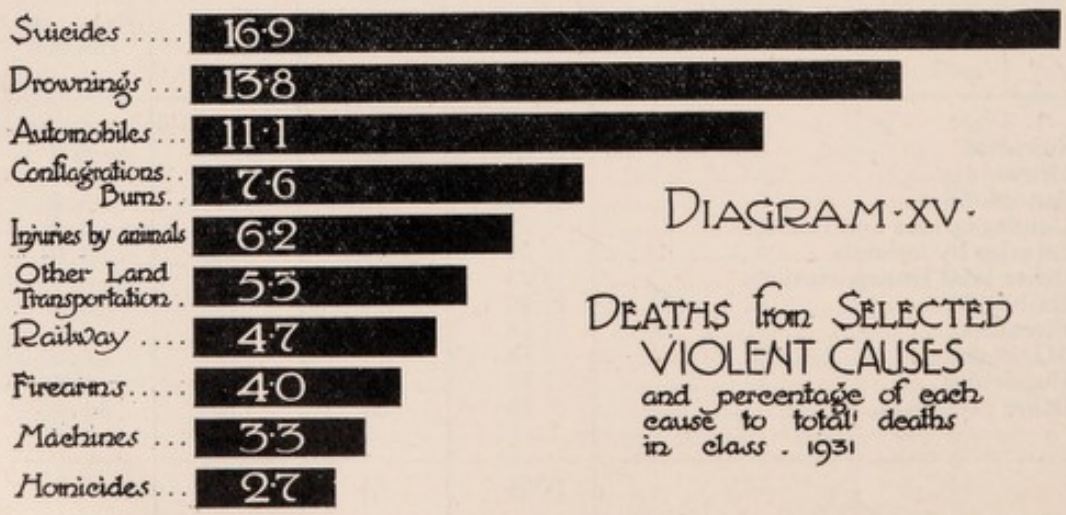
Single	25
Married	42
Widowed	9

TABLE LXXXVI.—ALL VIOLENT OR ACCIDENTAL DEATHS.

Month	Male	Female	Month	Male	Female
January	12	6	July	53	15
February	25	6	August	46	7
March	23	5	September	34	11
April	27	6	October	21	7
May	33	4	November	26	4
June	28	8	December	26	7
Total				364	86

CONJUGAL CONDITION—VIOLENT OR ACCIDENTAL DEATHS.

Under 15 years of age	105
Single	136
Married	174
Widowed	35



DIAGRAM·XV·

DEATHS from SELECTED VIOLENT CAUSES and percentage of each cause to total deaths in class . 1931

TABLE LXXXVII.—DEATHS, AUTOMOBILE ACCIDENTS, RESULTS OF INVESTIGATION OF 36 OUT OF 50 ACCIDENTS.

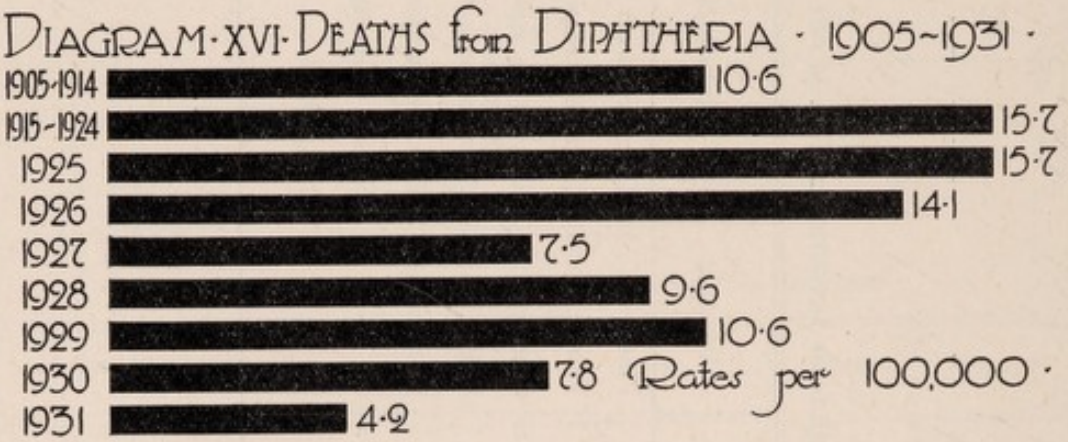
Place of accident	Conveyance	Condition of road	Sex of operator	Rate of travel per hour	Weather	Nature of accident	By months
Highway 28	Automobile 33	Good 24	Male 35	30 to 35 miles 12	Fine 18	Overturned car or truck 16	Jan. 1
Streets of cities and towns 8	Motor truck 3	Fine 7	Female 1	Under 30 7	Fair 12	Deceased crossing road 4	Feb. 2
		Poor 2		Not stated 17	Stormy 3	Playing on road outside school grounds 1	Mar. 1
		Slippery 1			Foggy 1	Automobile collision 6	Apr. 1
		Curve 1			Not stated 2	Ran into wagon 1	May 3
		Not stated 1				Struck while repairing own car 2	June 2
						Not stated 6	July 4
							Aug. 8
							Sept. 1
							Oct. 5
							Nov. 6
							Dec. 2

DIPHTHERIA.

The deaths from this disease numbered 39, a decrease of 43.4 per cent for 1931. The death rate is 4.2 per 100,000 of the population, the lowest rate in the history of the province, as illustrated by diagram XVI.

Diagram XVII has been prepared to show the history of this disease since the free distribution of antitoxin and toxoid was inaugurated. It will be noted that in the same year as free toxoid commenced the curve began to point downwards, and has continued to do so, until the present low rate has been reached, which is the third lowest in the Dominion.

It is interesting to note that 22 of the American states have lower diphtheria rates than this province. In Montana the rate is only 0.7 per 100,000. Oklahoma has the highest rate, which is 11.5 per 100,000.



The investigation into the deaths caused by diphtheria was continued during the year. Answers were received from 28 physicians out of 39 cases, which is 72 per cent.

The following facts brought out by this investigation are important:

The fatal period is between one and nine years of age. Fifty-three percent of the total deaths occurred in this period.

Physicians were prompt in administering antitoxin when called.

In only three cases were physicians called on the same day as the onset.

Physicians state definitely that in nine cases they were called in too late.

The foregoing shows the importance of parents being educated as to the necessity of calling a physician on the least symptom of infection in the throat.

TABLE LXXXIX.—DIPHTHERIA INVESTIGATION, 1931. DEATHS OF 28 CASES BY AGE PERIODS, 1931.

Period	Male	Female	Total
Under one year	..	1	1
1–4 years	3	5	8
5–9 years	3	4	7
10–14 years	2	2	4
15–19 years	1	..	1
20–29 years	..	..	2
30–39 years	1	..	1
40–49 years	..	..	..
50–59 years	..	1	1
Not stated	2	1	3
	12	16	28

DIAGRAM·XVII· DEATHS FROM DIPHTHERIA 1905-1931 · Rates per 100,000

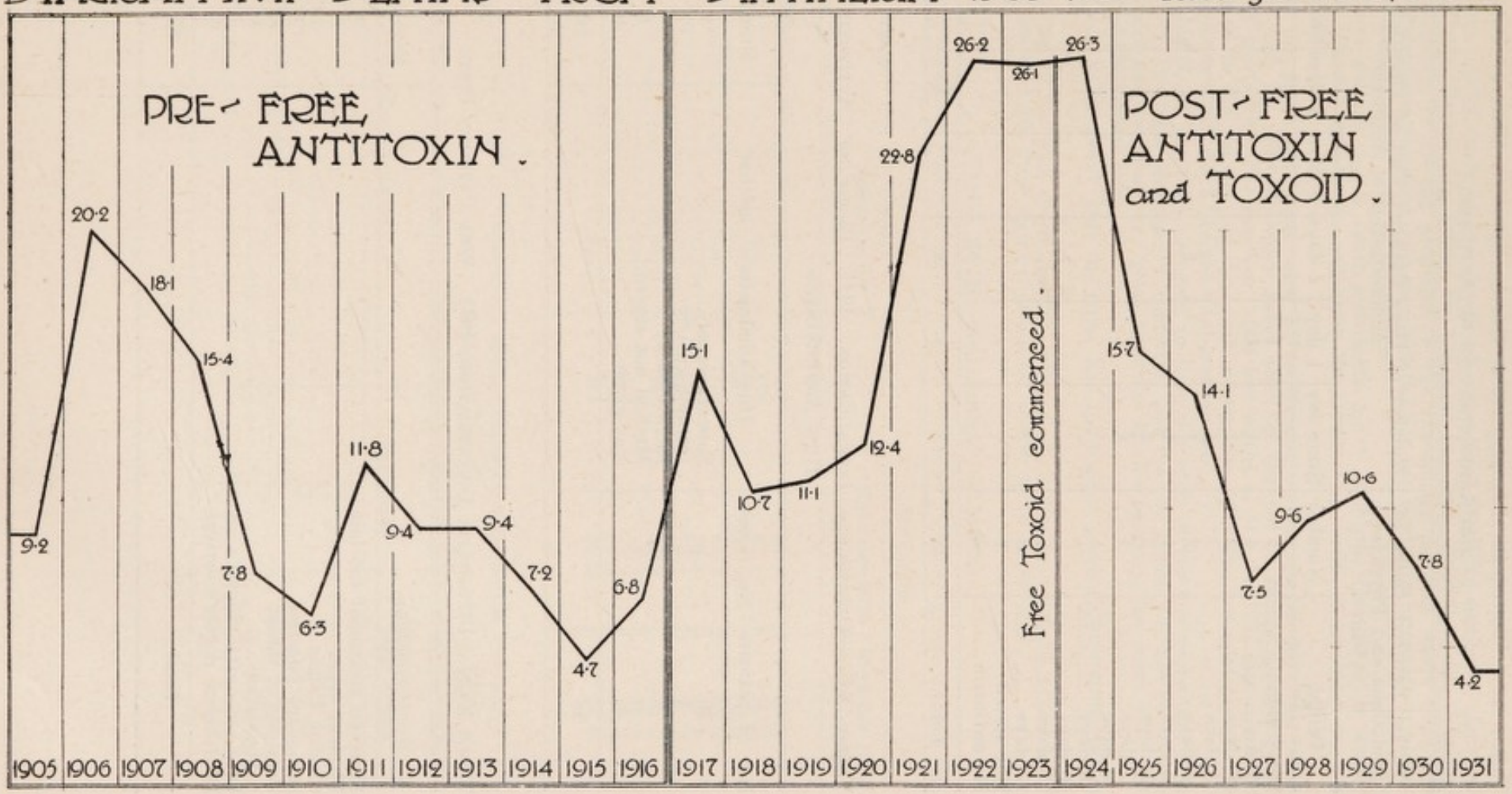


TABLE XC.—DIPHTHERIA INVESTIGATION. PERIOD BETWEEN VISIT OF PHYSICIAN AND ADMINISTRATION OF ANTITOXIN.

Period Between Onset of Symptoms and Physician's Visit		Number of Days Between Visit of Physician and Administration of Antitoxin					
Period	Number	Same day	1 day	2 days	3 days	4 days	Unknown
Same day	3	1	1	.	.	1	.
1 day	4	1	1	2	.	.	.
2 days	2	1	.	.	.	1	.
3 days	3	3	.	.	.	.	.
4 days	2	1	.	1	.	.	.
5 days	1	1	.	.	.	.	.
6 days	2	1	.	.	.	1	.
7 days	4	2	1	.	.	.	1
8 days	.	.	.	.	.	.	.
9 days	.	.	.	.	.	.	.
10 days	.	.	.	.	.	.	.
11 days	.	.	.	.	.	.	.
12 days	3	2	.	.	.	1	.
Not stated	2	.	.	.	.	.	2
No antitoxin	2	.	.	.	.	.	2
Total	28	13	3	3	.	4	5

TABLE XCI.—DIPHTHERIA INVESTIGATION, 1931. DOSES OF ANTITOXIN AND HOW ADMINISTERED.

No. of patients	No. doses	How administered, method	Number
20	1	Subcutaneously	5
1	2	Intramuscularly	16
1	3	Intravenously	..
..	4	Method not stated	1
6	..	Not given	6
28	..		28

TABLE XCII.—DIPHTHERIA INVESTIGATION, 1931. WHY PATIENTS DIED.

Reason	Number
Received treatment too late	9
Virulent type	2
Cardiac failure	5
Secondary infection	2
Paralysis of throat	2
Asphyxiation	1
Died soon after doctor's arrival	3
Died before doctor's arrival	4
Total	28

STILLBIRTHS.

After careful study of the question by the Vital Statistics section of the Canadian Public Health Association, the following has been adopted as the definition of a stillbirth for all the provinces of the Dominion: A birth where there has been 28 weeks of gestation, and the child has not breathed after complete extrusion of the fœtus from the body of the mother.

When making out a death certificate for a stillbirth, the physician should govern himself accordingly, and state the number of weeks of gestation on the certificate.

In the year 1931, there were 577 stillbirths, an increase of 30. The death rate is 62.6 per 100,000, which ranks third in the list of causes producing the greatest mortality. The rate per 1,000 live births is 27. In 1931 the stillbirths amounted to 2.6 per cent of the total pregnancies. For the ten-year period, the average percentage was 2.5 of the total pregnancies.

Table XCII has been prepared to show for each of the ten years beginning with 1922, the total pregnancies, stillbirths, and the two ratios. It will be noticed that there has not been very great variation in this period. The years 1923 and 1924 had the highest rates.

Table XCIV shows that the cities had the highest percentage of stillbirths in 1931.

Owing to the high mortality from this cause, it creates a serious problem for public health. Are these births controllable, and in what proportion?

TABLE XCIII.—STILLBIRTHS, 1922—1931.

Years	Total pregnancies	Stillbirths		
		No.	Rate per 1000 pregnancies	Rate per 1000 live births
1922	22,815	561	24.6	25.2
1923	21,488	555	25.8	26.5
1924	22,149	610	27.9	28.3
1925	21,156	574	27.1	28.0
1926	21,272	556	26.1	26.8
1927	21,557	542	25.1	25.7
1928	21,824	563	25.8	26.5
1929	21,994	548	24.9	25.5
1930	22,598	547	24.2	24.8
1931	21,908	577	26.3	27.0

TABLE XCIV.—STILLBIRTHS, 1931, PERCENTAGE OF TOTAL BIRTHS.

(Residents Only.)

Municipalities	Stillbirths	Percentage of total births
Cities	96	3.0
Towns	42	2.8
Villages	53	2.9
Rural municipalities	386	2.5
Province	577	2.6

INFANT MORTALITY.

The infant mortality in 1931 was 1,463, a decrease compared with 1930, of 138, or 8.6 per cent.

The rate is 68.6 per 1,000 living births, or 172.4 per 100,000 of the population.

Compared with the other provinces, Saskatchewan has the fourth lowest infant mortality in the Dominion.

The deaths of infants under one week numbered 541, or 37 per cent of the total infant mortality; and the mortality under one month was 771, or 52.7 of the total deaths under one year.

The mortality under one week remains very high, as shown by Table XCVI, and Diagrams XVII and XVIII, but it is not as high as in 1930. In that year 53 per cent of the infant mortality was under one week. In 1931, the percentage is 37. The rate for this period is 25.3 per 1,000 births.

The month of April had the highest mortality, with March in the second place. There was a high death rate through the first four months of the year. The month of July had the lowest death rate.

In the cities, January had the highest death rate; in the towns February; in the villages February, and in the rural municipalities April.

In the cities, Weyburn had the highest infant mortality and Saskatoon the lowest.

As usual the Indians had the highest mortality racially; of all the other races, the Austrians had the highest death rate, and the Swedish lowest.

The high infant mortality among children whose mothers were of European races is quite noticeable. The principal races are as follows: Roumanian, Hungarian, Austrian, and Polish.

The principal causes of death will be found in Table CI and Diagram XX. Eighty-two decimal four per cent of the infant mortality in the province is due to six causes: premature birth, congenital debility and malformation, diarrhœa and enteritis, pneumonia, communicable diseases, and injury at birth.

Twenty per cent of the total deaths in the province were due to these six causes. Over 25 per cent of the infant mortality was due to premature births. The following increased in 1931: communicable diseases, pneumonia, injury at birth, other diseases peculiar to early infancy, and the following decreased: diarrhœa and enteritis, congenital malformation, congenital debility, premature births, and all the other causes.

In 1931, the deaths in the cities under one year of age numbered 239. Of this number 76 or 31.8 per cent were non-resident. Of the total deaths in cities, 75 per cent occurred in the hospitals, and 46 per cent of the deaths of residents in the cities occurred in the hospitals. Of the 76 non-resident deaths, 70 occurred in the hospitals. This means that the hospitals of the eight cities provided hospitalization for 70 of the non-resident deaths, or about 38.8 per cent of the deaths that occurred in the hospitals.

The non-resident deaths of children under one year of age, numbered eight for the whole province, and of those dying in public institutions, only four were non-resident.

Detailed information concerning the causes of death will be found in Tables CV and CVI.

The birthplaces of the parents of the children who died under one year of age are given in Table CVII, and are as follows: Fathers: Canada 38 per cent; British Isles and other possessions 9.8 per cent; United States 9.7 per cent; Austria 9.2 per cent; Russia 8.6 per cent; Poland 9.2 per cent; all others 18.2 per cent. Mothers: Canada 52.2 per cent; British Isles 7.2; United States 10.8; Austria 6.3; Russia 7.2; Poland 6.5; All Others 9.0.

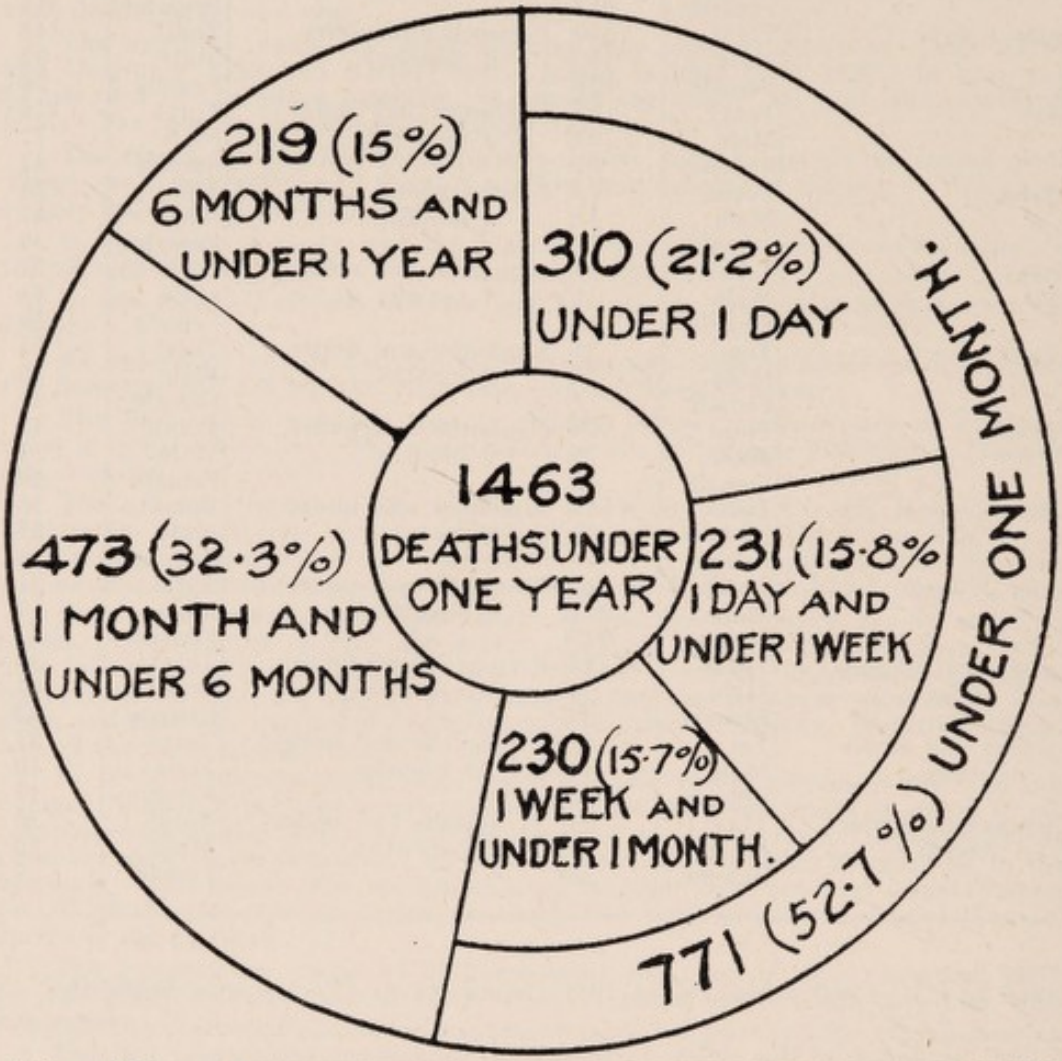
TABLE XCV.—DEATHS OF CHILDREN UNDER ONE YEAR (Exclusive of Stillbirths) BY AGE AT DEATH, 1931.

Ages		Total	Ages		Total
All infants	Total	1,463	Under 1 month	Total	771
	Male	851		Male	455
	Female	612		Female	316
Under 1 day	Total	310	1 month and under 2 months	Total	148
	Male	183		Male	92
	Female	127		Female	56
1 day	Total	57	2 months and under 3 months	Total	114
	Male	33		Male	72
	Female	24		Female	42
2 days	Total	72	3 months and under 4 months	Total	86
	Male	41		Male	47
	Female	31		Female	39
3 days	Total	31	4 months and under 5 months	Total	72
	Male	21		Male	43
	Female	10		Female	29
4 days	Total	24	5 months and under 6 months	Total	53
	Male	17		Male	26
	Female	7		Female	27
5 days	Total	28	6 months and under 7 months	Total	41
	Male	16		Male	22
	Female	12		Female	19
6 days	Total	19	7 months and under 8 months	Total	56
	Male	11		Male	32
	Female	8		Female	24
Under 1 week	Total	541	8 months and under 9 months	Total	31
	Male	322		Male	19
	Female	219		Female	12
1 week and under 2 weeks	Total	98	9 months and under 10 months	Total	39
	Male	64		Male	17
	Female	34		Female	22
2 weeks and under 3 weeks	Total	78	10 months and under 11 months	Total	27
	Male	41		Male	10
	Female	37		Female	17
3 weeks and under 1 month	Total	54	11 months and under 12 months	Total	25
	Male	28		Male	16
	Female	26		Female	9

TABLE XCVI.—INFANT MORTALITY 1931 DEATH RATES (Exclusive of Stillbirths.)

Age	Death rate per 1,000 living births	Percentage of infant mortality
All infants	68.6	..
Under 1 day	14.5	21.2
1 day and under 1 week	10.8	15.8
1 week and under 2 weeks	4.6	6.7
2 weeks and under 3 weeks	3.7	5.3
3 weeks and under 1 month	2.5	3.7
1 month and under 2 months	6.9	10.1
2 months and under 3 months	5.3	7.8
3 months and under 4 months	4.0	5.9
4 months and under 5 months	3.4	4.9
5 months and under 6 months	2.5	3.6
6 months and under 7 months	1.9	2.8
7 months and under 8 months	2.6	3.8
8 months and under 9 months	1.5	2.1
9 months and under 10 months	1.8	2.7
10 months and under 11 months	1.3	1.8
11 months and under 12 months	1.2	1.7

DIAGRAM XVII.
INFANT MORTALITY 1931.



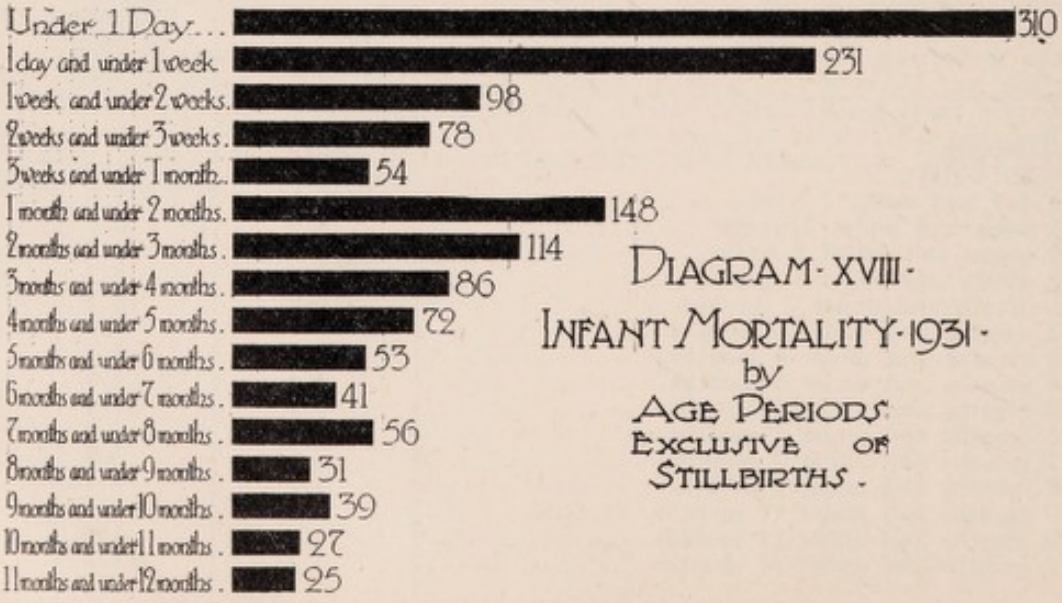


DIAGRAM · XVIII ·
INFANT MORTALITY · 1931 ·
by
AGE PERIODS
EXCLUSIVE OF
STILLBIRTHS.

Table XCVII—Infant Mortality, 1930. Death Rate by Months.

Months	Cities			Towns			Villages			Rural Municipalities			Province		
	No. of Deaths	Rate per 1,000 living births	Percentage of infant mortality	No. of Deaths	Rate per 1,000 living irths	Percentage of infant mortality	No. of Deaths	Rate per 1,000 living births	Percentage of infant mortality	No. of Deaths	Rate per 1,000 living births	Percentage of infant mortality	No. of Deaths	Rate per 1,000 living births	Percentage of infant mortality
January	21	80.8	12.9	11	88.0	10.8	18	110.4	15.4	86	70.6	8.0	136	77.0	9.3
February	18	74.4	11.0	13	98.5	12.7	15	113.6	12.8	80	70.2	7.4	126	76.6	8.6
March	10	36.2	6.1	6	40.0	5.9	7	40.5	6.0	134	102.3	12.4	157	83.1	10.7
April	12	46.5	7.4	11	83.3	10.8	4	25.6	3.4	134	105.0	12.4	161	88.4	11.0
May	7	24.5	4.3	9	85.7	8.8	7	51.1	6.0	91	71.7	8.4	114	63.4	7.8
June	14	53.0	8.6	6	52.6	5.9	9	51.3	7.7	62	51.5	5.7	91	52.4	6.2
July	18	65.9	11.0	4	31.7	3.9	7	46.4	6.0	65	51.1	6.0	94	51.6	6.4
August	18	63.4	11.0	5	39.4	4.9	11	74.3	9.4	68	52.1	6.3	102	54.8	7.0
September	17	64.6	10.4	9	66.2	8.8	5	29.4	4.3	87	69.8	8.0	118	65.0	8.1
October	8	32.9	4.9	9	78.3	8.8	15	110.3	12.8	101	74.8	9.3	133	72.1	9.1
November	13	54.9	8.0	9	89.1	8.8	11	87.3	9.4	89	71.3	8.3	122	71.3	8.3
December	7	31.5	4.3	10	90.1	9.8	8	62.5	6.8	84	72.7	7.8	109	67.4	7.5
Year	163	52.5	....	102	69.2	....	117	65.9	....	1,081	72.2	....	1,463	68.6	....

Table XCVIII.—Infant Mortality by Months in Individual Cities. (Exclusive of Stillbirths. Residents Only.)

Cities	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Rate per 1,000 living births
Moose Jaw	7	3	1	2	1	3	3	2	.	1	4	2	29	81.0
North Battleford	.	3	1	1	.	.	.	2	1	.	.	.	8	74.1
Prince Albert	1	3	1	.	1	2	.	4	1	.	.	1	14	65.4
Regina	6	1	4	4	2	8	8	7	4	5	4	2	55	44.7
Saskatoon	3	6	1	4	1	1	4	2	5	1	3	2	33	37.0
Swift Current	1	1	.	1	.	.	1	1	1	.	1	.	7	64.8
Weyburn	1	1	.	.	1	.	1	.	2	1	1	.	8	87.0
Yorkton	2	.	2	.	1	.	1	.	3	.	.	.	9	86.5
All cities	21	18	10	12	7	14	18	18	17	8	13	7	163	52.5

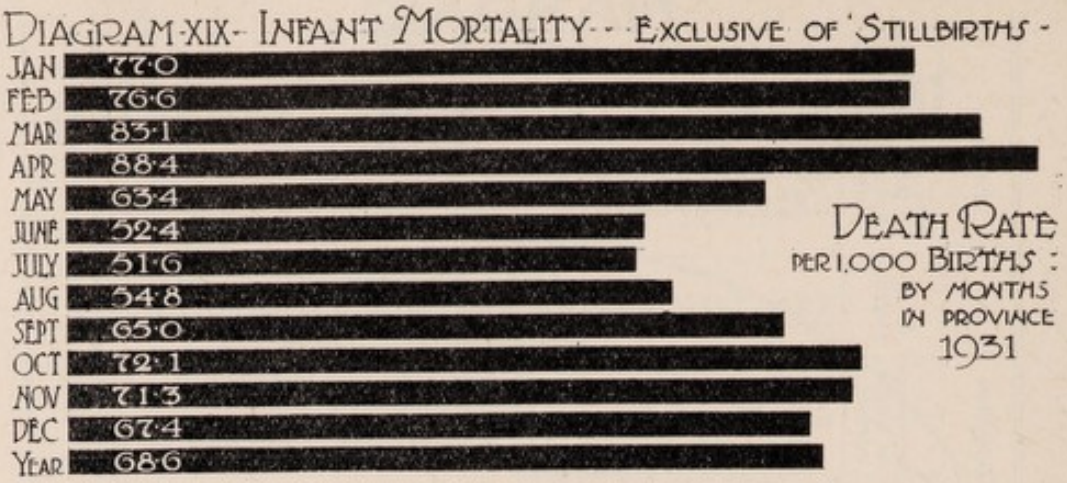


TABLE XCIX.—INFANT MORTALITY, 1931, (Exclusive of Stillbirths). CLASSIFIED ACCORDING TO RACIAL ORIGIN OF DECEDENTS AND DEATH RATE PER 1,000 LIVING BIRTHS OF EACH RACE.

Racial Origin	Number	Rate per 1,000 living births
All Origins	1,463	68.6
English	248	66.6
Irish	95	47.2
Scotch	121	53.0
Welsh	11	88.7
French	97	69.7
Austrian	42	115.7
Danish	12	76.0
Dutch	36	55.7
Icelandic	8	100.0
German	282	68.7
Hungarian	45	109.2
Indian	93	182.7
Norwegian	39	47.2
Polish	57	91.1
Roumanian	17	84.2
Russian	41	64.8
Swedish	18	40.5
Ukrainian	167	86.5
Others and not specified	34	59.5

TABLE CII.—TOTAL DEATHS (Exclusive of Stillbirths) AND DEATHS IN PUBLIC INSTI DENCE OF THE DECEDENTS

Cities and Towns	All deaths under one year												Total		
	Total			Residents			Non-resident in city or town where death occurred and								
							Resident in province			Non-resident in province					
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Moose Jaw	37	24	13	29	20	9	7	4	3	1	.	1	29	20	9
North Battleford	12	5	7	8	3	5	4	2	2	..	.	.	6	4	2
Prince Albert	23	16	7	14	10	4	9	6	3	..	.	.	19	14	5
Regina	71	45	26	55	33	22	15	12	3	1	.	1	57	38	19
Saskatoon	52	36	16	33	20	13	19	16	3	..	.	.	38	32	6
Swift Current	16	9	7	7	3	4	9	6	3	..	.	.	12	8	4
Weyburn	9	3	6	8	2	6	1	1	.	..	.	.	5	3	2
Yorkton	19	11	8	9	3	6	10	8	2	..	.	.	14	9	5

TABLE C.—INFANT MORTALITY. 1931. DEATH RATES PER 1,000 LIVING BIRTHS BY COUNTRY OF BIRTH OF MOTHER.

Country of Birth of Mother	Number of births	Infant Mortality	
		Number	Rate
Total	21,331	1,463	68.6
Canada	10,598	764	72.1
British countries	2,353	115	48.9
Austria	973	92	94.6
France	73	4	54.8
Germany	344	18	52.3
Hungary	316	31	98.1
Poland	1,021	96	94.0
Roumania	256	30	117.2
Russia	1,653	106	64.1
Scandinavian countries	475	21	44.2
United States	2,879	159	55.2
Other countries	390	27	69.2

TABLE CI.—INFANT MORTALITY, 1931. RATES PER 1,000 LIVING BIRTHS FOR PRINCIPAL CAUSES BY SEX.

	Male	Female	Total
All causes	77.8	58.9	68.6
Communicable diseases (1-44)	7.4	6.4	6.9
Bronchopneumonia and pneumonia (107-109)	12.3	8.2	10.3
Diarrhœa and enteritis (119)	10.1	6.9	8.6
Congenital malformation (157)	6.3	3.9	5.2
Congenital debility (158)	4.9	4.2	4.6
Premature birth (159)	19.8	15.3	17.6
Injury at birth (160)	4.6	2.1	3.4
Other diseases peculiar to early infancy (161)	5.2	4.2	4.7
All other causes	7.0	7.6	7.3

TUTIONS OF CHILDREN UNDER ONE YEAR OF AGE CLASSIFIED ACCORDING TO RESI-IN CITIES, 1931.

Deaths in public institutions									Deaths elsewhere than in public institutions											
Residents			Non-resident in city or town where death occurred and						Total			Residents			Non-resident in city or town where death occurred and					
			Resident in province			Non-resident in province									Resident in province			Non-resident in province		
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
21	16	5	7	4	3	1	.	1	8	4	4	7	3	4	1	1	.	..	.	.
2	1	1	4	3	1	..	.	.	6	1	5	5	1	4	1	.	1	..	.	.
9	7	2	10	7	3	..	.	.	4	2	2	4	2	2	..	.	.	..	.	.
45	29	16	11	9	2	1	.	1	14	7	7	13	7	6	1	.	1	..	.	.
21	17	4	17	15	2	..	.	.	14	4	10	12	3	9	2	1	1	..	.	.
3	2	1	9	6	3	..	.	.	4	1	3	4	1	3	..	.	.	..	.	.
4	2	2	1	1	.	..	.	.	4	.	4	4	.	4	..	.	.	..	.	.
5	2	3	9	7	2	..	.	.	5	2	3	4	1	3	1	1	.	..	.	.

TABLE CIII.—INFANT MORTALITY, 1924–1931. RATES PER 1,000 LIVING BIRTHS BY PRINCIPAL CAUSES.

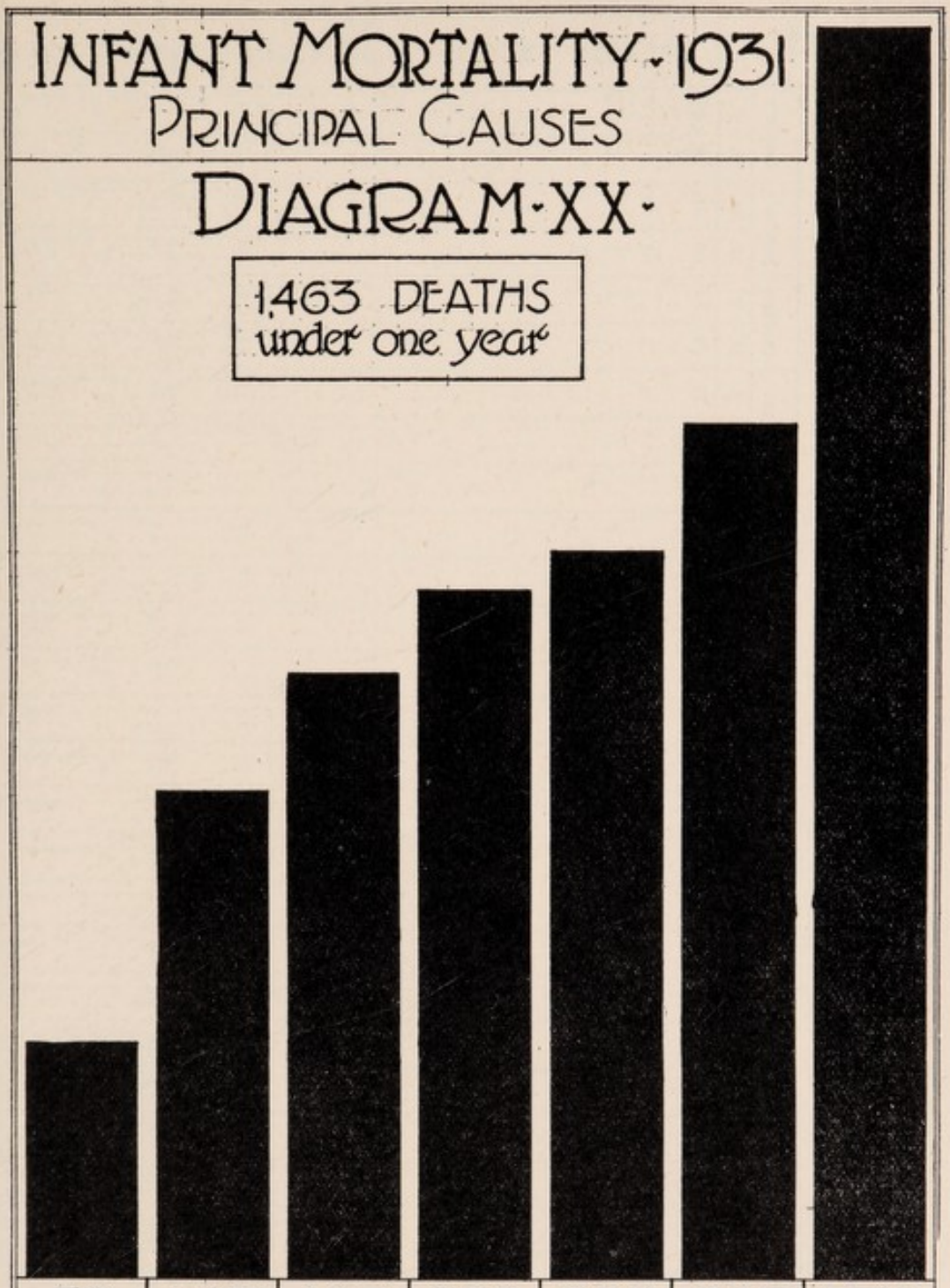
	1924	1925	1926	1927	1928	1929	1930	1931
All causes	75.9	80.8	81.1	74.9	64.4	73.3	72.6	68.6
Communicable diseases (1–44)	8.4	8.3	12.4	7.9	7.0	8.7	5.8	6.9
Bronchopneumonia and pneumonia (107–109)	10.5	10.7	12.4	10.1	8.3	9.8	7.9	10.3
Diarrhœa and enteritis (119)	7.5	10.2	8.5	6.7	6.0	6.1	11.3	8.6
Congenital malformation (157)	5.0	5.3	5.0	5.2	4.7	5.9	5.6	5.2
Congenital debility (158)	8.0	8.4	7.2	8.9	6.4	6.8	6.9	4.6
Premature birth (159)	16.7	17.9	17.3	17.3	17.8	18.7	19.3	17.6
Injury at birth (160)	2.8	2.9	3.0	3.0	3.4	3.4	3.2	3.4
Other diseases peculiar to early infancy (161)	3.1	2.4	5.3	4.3	6.7	3.6	3.9	4.7
All other causes	13.9	14.7	10.0	11.5	4.1	10.1	8.6	7.3

TABLE CIV.—TOTAL DEATHS (Exclusive of Stillbirths) AND DEATHS IN PUBLIC INSTITUTIONS OF CHILDREN UNDER ONE YEAR OF AGE SHOWING THE NUMBER NON-RESIDENT IN THE PROVINCE, 1931.

	All deaths under One Year						In Public Institutions					
	Total			Non-resident in province			Total			Non-resident in province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the Province	1,463	851	612	8	4	4	372	251	121	4	1	3

INFANT MORTALITY - 1931
PRINCIPAL CAUSES
DIAGRAM - XX -

1,463 DEATHS
under one year



72	147	183	208	220	257	376
4·9%	10·1%	12·5%	14·2%	15·0%	17·6%	25·7%
INJURY at BIRTH	COMMUNICABLE DISEASES	DIARRHOEA and ENTERITIS	CONGENITAL DEBILITY and Malformations	PNEUMONIA and Bronchopneumonia	OTHER CAUSES	PREMATURITY

TABLE CV—DEATHS OF CHILDREN (Exclusive of Stillbirths) FROM CERTAIN SPECIFIED CAUSES IN FIRST YEAR OF LIFE BY SEX AND CALENDAR MONTH OF DEATH, 1931.

Int. List No.	Causes of Death	Total under 1 year			Month of Death																						Int. List No.
					January		February		March		April		May		June		July		August		Sept.		October		Nov'm'r		Dec'm'r		
		Total	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
	All causes	1,463	851	612	82	54	75	51	93	64	92	69	76	38	52	39	48	46	63	39	61	57	79	54	66	56	64	45	
7	Measles	9	8	1	..	..	1	..	2	..	..	..	2	..	1	..	..	..	..	1	..	..	..	..	..	..	2	..	7
8	Scarlet fever	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	8
9	Whooping cough	36	20	16	2	2	2	1	5	2	6	3	..	..	..	3	1	1	..	..	1	1	2	..	1	3	..	..	9
10	Diphtheria	3	2	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	10
11	Influenza	69	34	35	4	4	8	8	10	12	7	6	1	1	..	1	1	1	1	..	..	..	..	1	1	1	1	..	11
13	Dysentery	4	2	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1	..	..	..	..	13
15	Erysipelas	6	5	1	1	..	1	..	1	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	1	..	..	..	15
16	Poliomyelitis and polioencephalitis (acute)	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	16
18	Epidemic cerebrospinal meningitis	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	18
23	Tuberculosis of the respiratory system	5	4	1	..	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	23
24	Tuberculosis of the meninges and central nervous system	4	2	2	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	1	..	..	24
25–32	Tuberculosis, other forms	2	..	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	25–32
34	Syphilis	4	2	2	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	1	34
36	Purulent infection, septicaemia	1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36
67	Diseases of the thymus gland	3	2	1	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	67
79	Simple meningitis	4	2	2	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	79
86	Convulsions	38	22	16	1	3	1	..	1	2	2	2	3	2	2	..	1	1	2	..	4	..	1	2	2	3	2	1	86
89	Diseases of the ear and mastoid process	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	89
106	Bronchitis	14	8	6	..	..	2	1	2	1	2	2	..	..	..	..	..	..	..	..	1	..	..	..	1	2	..	..	106
107	Bronchopneumonia	147	92	55	13	6	18	9	17	6	18	6	7	8	7	3	..	..	..	1	..	5	5	3	2	4	5	4	107
108–109	Pneumonia	73	43	30	5	4	3	8	11	5	4	4	5	1	..	3	1	..	1	..	1	2	4	..	6	2	2	1	108, 109
115	Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including anenoid vegetations)	2	..	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	115
116–118	Diseases of the stomach	11	7	4	1	..	1	..	..	..	1	1	1	..	..	..	1	..	..	1	..	..	..	1	2	..	..	..	116–118
119	Diarrhoea and enteritis	183	111	72	5	4	3	..	3	1	1	4	5	1	10	3	10	6	17	9	20	15	20	20	9	6	8	3	119
122	Hernia, intestinal obstruction	8	4	4	..	1	..	1	..	1	2	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	122
130	Nephritis	3	2	1	..	1	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	130

157	Malformations	110	69	41	5	3	9	3	8	5	6	4	11	2	3	1	2	8	2	2	4	4	6	2	6	3	7	4	157
	(*a*) Congenital hydrocephalus	17	12	5	..	1	3	..	2	..	..	1	1	..	..	1	..	1	..	..	1	..	2	..	3	..	..	1	157*a*
	(*c*) Congenital malformations of the heart	51	29	22	2	1	2	2	3	4	3	2	6	1	2	..	1	6	..	1	2	3	3	1	2	..	3	1	157*c*
	(*bde*) Others under this title	42	28	14	3	1	4	1	3	1	3	1	4	1	1	..	1	1	2	1	1	1	1	1	1	3	4	2	157*bde*
158	Congenital debility	98	54	44	5	1	3	3	3	3	6	5	4	3	4	4	1	2	4	2	3	5	7	3	5	3	9	10	158
159	Premature birth	376	217	159	26	11	9	10	15	15	20	17	20	11	12	9	22	17	23	9	15	18	23	14	16	17	16	11	159
160	Injury at birth	72	50	22	5	5	4	1	2	..	7	2	5	..	3	2	2	3	4	4	5	1	5	2	4	1	4	1	160
161	Other diseases peculiar to early infancy	101	57	44	5	3	4	3	8	4	6	4	7	4	5	4	2	2	3	6	2	3	3	2	7	4	5	5	161
	(*a-e*) Specified diseases	91	49	42	4	3	4	3	8	4	4	4	6	4	5	4	2	1	3	6	1	3	2	2	6	4	4	4	161*a-e*
	(*f*) Unspecified causes under 3 months	10	8	2	1	..	..	..	..	..	2	..	1	..	..	..	..	1	..	..	1	..	1	..	1	..	1	1	161*f*
176–198	Other external causes	20	9	11	..	1	1	1	1	2	..	1	1	1	1	1	2	2	2	1	1	..	..	1	..	..	..	..	176–198
	Other specified causes	31	11	20	1	5	2	..	1	1	1	4	1	2	..	1	1	1	2	1	1	..	..	..	..	4	1	1	
199–200	Unspecified or ill-defined causes	21	9	12	1	..	1	1	..	3	1	3	..	1	1	..	..	..	1	..	1	2	1	1	2	..	..	1	199–200

TABLE CVI—DEATHS OF CHILDREN (EXCLUSIVE OF STILLBIRTHS) FROM CERTAIN

Int. List No.	Causes of Death	Total under 1 year			Age at Death							
					Under 1 day		1 day and under 1 wk.		1 wk. and under 2wks.		2 wks. and under 3 wks.	
		Total	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	All causes	1,463	851	612	183	127	139	92	64	34	41	37
7	Measles	9	8	1	..	..	..	..	1	..	1	..
8	Scarlet fever	1	..	1	..	..	..	..	..	1	..	..
9	Whooping cough	36	20	16	..	..	..	..	..	1	..	..
10	Diphtheria	3	2	1	..	..	..	..	..	..	..	..
11	Influenza	69	34	35	..	..	1	..	2	2	3	2
13	Dysentery	4	2	2	..	..	..	..	..	..	..	..
15	Erysipelas	6	5	1	..	..	1	..	1	..	..	..
16	Poliomyelitis and polioencephalitis (acute)	1	..	1	..	..	..	..	..	..	..	..
18	Epidemic cerebrospinal meningitis	2	2	..	..	..	..	..	..	..	..	..
23	Tuberculosis of the respiratory system	5	4	1	..	..	..	..	..	..	..	..
24	Tuberculosis of the meninges and central nervous system	4	2	2	..	..	..	..	..	..	..	..
25–32	Tuberculosis, other forms	2	..	2	..	..	..	..	..	..	..	..
34	Syphilis	4	2	2	..	1	1	..	..	..	..	..
36	Purulent infection, septicaemia	1	..	1	..	..	..	..	..	..	..	..
67	Diseases of the thymus gland	3	2	1	..	..	..	..	..	..	..	..
79	Simple meningitis	4	2	2	..	..	..	..	..	..	1	..
86	Convulsions	38	22	16	1	..	4	3	1	1	1	1
89	Diseases of the ear and mastoid process	1	1	..	..	..	..	..	..	..	..	..
106	Bronchitis	14	8	6	..	..	..	..	..	1	..	1
107	Bronchopneumonia	147	92	55	..	..	..	3	8	5	5	1
108, 109	Pneumonia	73	43	30	..	..	1	..	..	2	2	..
115	Diseases of the buccal cavity and annexa and of of the pharynx and tonsils (including adenoid vegetations)	2	..	2	..	..	..	..	..	..	..	..
116–118	Diseases of the stomach	11	7	4	..	..	1	..	1	..	1	..
119	Diarrhoea and enteritis	183	111	72	..	..	1	..	5	..	5	4
122	Hernia, intestinal obstruction	8	4	4	..	..	..	..	..	..	..	..
130	Nephritis	3	2	1	..	..	..	..	..	..	..	..
157	Malformations	110	69	41	13	14	19	8	9	3	8	3
	(*a*) Congenital hydrocephalus	17	12	5	2	2	3	1	1	..	1	..
	(*c*) Congenital malformations of the heart	51	29	22	10	8	6	4	2	1	1	2
	(*b,d,e*) Others under this title	42	28	14	1	4	10	3	6	2	6	1
158	Congenital debility	98	54	44	5	5	13	8	3	4	2	6
159	Premature birth	376	217	159	125	81	56	42	16	9	6	11
160	Injury at birth	72	50	22	29	13	17	8	3	..	..	1
161	Other diseases peculiar to early infancy	101	57	44	9	11	23	17	10	5	4	4
	(*a-e*) Specified diseases	91	49	42	7	11	22	17	10	5	4	2
	(*f*) Unspecified causes under 3 months	10	8	2	2	..	1	..	..	..	..	2
176–198	Other external causes	20	9	11	..	1	..	..	1	..	..	..
	Other specified causes	31	11	20	..	..	..	2	2	..	1	2
199, 200	Unspecified or ill-defined causes	21	9	12	1	1	1	1	1	..	1	1

SPECIFIED CAUSES IN THE FIRST YEAR OF LIFE, BY SEX AND AGE AT DEATH

Age at Death																						
3 weeks and under 1 mon.		1 mon. and under 2 mons.		2 mons. and under 3 mons.		3 mons. and under 4 mons.		4 mons. and under 5 mons.		5 mons. and under 6 mons.		6 mons. and under 7 mons.		7 mons. and under 8 mons.		8 mons. and under 9 mons.		9 mons. and under 10 mons.		10 mons. and under 11 mons.		11 mons. and under 12 mons.		
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Int. List No.
28	26	92	56	72	42	47	39	43	29	26	27	22	19	32	24	19	12	17	22	10	17	16	9	
..	..	1	1	1	..	..	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	1	..	7
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
1	..	3	5	3	3	3	1	4	2	..	1	1	..	1	1	1	..	1	1	1	1	1	..	9
..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	10
..	1	6	6	6	4	4	6	2	2	2	1	3	3	2	1	..	1	2	3	..	2	1	1	11
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	13
1	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16
..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	18
..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	1	..	..	..	..	..	..	1	..	23
..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	24
..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25–32
..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	34
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	36
..	..	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	67
..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	79
..	2	4	1	2	2	2	1	2	..	2	2	..	..	1	3	1	..	1	..	..	..	..	..	86
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	89
..	..	1	1	1	..	2	..	1	2	..	..	..	..	2	..	..	..	1	..	..	..	..	1	106
6	2	17	7	14	5	6	5	6	4	4	2	5	7	4	3	4	2	4	5	2	3	7	1	107
3	2	6	6	7	2	3	1	2	2	6	7	2	2	2	1	3	1	2	3	3	..	1	1	108, 109
..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	115
1	1	1	1	..	1	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	116–118
5	4	25	9	16	10	11	6	13	11	7	8	5	3	8	5	3	3	2	4	2	4	3	1	119
..	1	..	..	..	..	1	2	1	1	..	..	..	..	1	..	1	..	..	..	..	..	..	..	122
..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	130
..	2	7	4	4	..	1	1	3	..	..	1	2	..	2	2	1	1	..	1	..	..	..	1	157
..	..	1	..	1	..	..	..	1	..	..	..	1	..	1	1	..	..	..	..	..	..	..	1	157*a*
..	1	4	2	2	..	..	1	2	..	..	1	1	..	..	1	1	..	..	1	..	..	..	..	157*c*
..	1	2	2	1	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	157*b,d, e*
3	5	8	3	5	5	8	3	3	2	1	1	..	..	2	1	..	..	..	..	..	..	1	1	158
4	4	5	4	3	3	1	4	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	159
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	160
4	1	2	3	5	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161
3	1	1	3	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161*a–e*
1	..	1	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161*f*
..	1	1	1	1	1	1	2	1	..	..	..	..	..	..	2	3	..	1	2	..	..	..	1	176–198
..	..	..	1	..	..	1	2	2	2	..	1	..	2	2	2	1	..	2	1	..	5	..	..	
..	..	2	1	..	..	1	2	..	..	1	1	..	1	1	..	..	2	..	1	..	1	..	..	199, 200

TABLE CVII—DEATHS OF CHILDREN UNDER ONE YEAR OF AGE (Exclusive

Birthplace of Father	Total Fathers	Birthplace of Mother									
		Canada									
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. not specified
Canada	545	2	4	2	26	67	58	270	3	2	1
Prince Edward Island	6	2	..	..	..	..	1	1	..	..	..
Nova Scotia	9	..	4	..	..	3	..	..	..	..	..
New Brunswick	3	..	..	1	..	..	..	1	..	..	..
Quebec	42	..	..	..	23	1	4	7	..	..	..
Ontario	134	..	..	1	2	45	15	28	..	2	..
Manitoba	93	..	..	..	..	12	27	31	..	..	..
Saskatchewan	251	..	..	..	1	5	10	199	2	..	..
Alberta	5	..	..	..	..	1	..	3	1	..	..
British Columbia	1	..	..	..	..	..	1	..	..	..	..
Province not specified	1	..	..	..	..	..	..	..	..	..	1
British Isles	146	..	2	1	5	20	12	20	..	1	..
England	103	..	1	1	2	13	8	12	..	..	..
Ireland	12	..	..	..	1	2	1	1	..	..	..
Scotland	25	..	..	..	2	3	2	6	..	1	..
Wales	5	..	1	..	..	1	1	1	..	..	..
Other	1	..	..	..	..	1	..	..	..	..	..
British Possessions	2	..	..	..	..	..	..	1	..	..	..
Other	2	..	..	..	..	..	..	1	..	..	..
Europe	544	..	..	..	1	5	22	107	1	1	1
Austria	133	..	..	..	..	2	7	31	..	..	..
Belgium	6	..	..	..	..	..	..	3	..	..	..
Denmark	11	..	..	..	..	1	1	1	..	..	..
Finland	1	..	..	..	..	..	..	..	..	..	..
France	6	..	..	..	..	..	2	1	..	..	..
Germany	26	..	..	..	..	..	..	5	..	..	..
Holland	3	..	..	..	..	..	1	..	..	..	..
Hungary	38	..	..	..	..	..	1	6	..	..	..
Italy	1	..	..	..	..	..	..	..	..	..	..
Norway	16	..	..	..	..	2	..	4	..	..	..
Poland	114	..	..	..	1	..	3	15	1	1	1
Roumania	32	..	..	..	..	..	1	8	..	..	..
Russia (1)	124	..	..	..	..	..	6	29	..	..	..
Sweden	12	..	..	..	..	..	..	2	..	..	..
Other	21	..	..	..	..	..	..	2	..	..	..
Asia	3	..	..	..	..	..	..	..	..	..	..
China	1	..	..	..	..	..	..	..	..	..	..
Other	2	..	..	..	..	..	..	..	..	..	..
United States	140	..	1	..	5	17	8	39	1	..	..
Various	2	..	..	..	..	..	..	2	..	..	..
Not specified	81	..	..	..	1	2	6	46	1	..	..
Total mothers	1,463	2	7	3	38	111	106	485	6	4	2

(1) Including the Ukraine.

of Stillbirths) CLASSIFIED ACCORDING TO BIRTHPLACE OF PARENTS, 1931.

Birthplace of Mother																				
British Isles				Europe																
England	Ireland	Scotland	Wales	Austria	Belgium	Denmark	France	Germany	Holland	Hungary	Norway	Poland	Roumania	Russia (1)	Sweden	Other	Asia	United States	Not specified
19	1	14	..	3	..	..	2	..	1	1	2	4	1	9	..	..	..	53	..
1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	..	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..
5	1	5	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	28	..
4	..	3	..	..	..	..	1	..	..	1	1	..	..	2	..	..	..	11	..
5	..	3	..	3	..	..	..	..	1	..	..	3	1	5	..	..	..	13	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37	5	14	1	2	..	..	1	1	..	..	1	1	..	..	..	..	..	22	..
35	1	9	..	2	..	..	1	1	..	..	1	..	..	..	..	..	..	16	..
..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..
2	..	5	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	3	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
6	..	..	..	87	3	5	1	17	1	28	9	89	28	86	3	14	..	29	..
..	..	..	..	83	..	..	..	1	..	..	..	1	..	5	..	..	..	3	..
..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	5	..	1	..	1	..	..	..	..	..	..	..	1	..
1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
2	..	..	..	1	..	..	..	11	..	1	..	1	..	4	..	..	..	1	..
..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	1	..	25	..	..	3	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	9	..	..	..	..	..	..	1	..
..	..	..	..	1	..	..	..	2	..	..	..	84	3	1	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	..	..	2	..
..	..	..	..	1	..	..	..	..	..	..	..	2	..	75	..	1	..	10	..
2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	3	..	..	4	..
1	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	13	..	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..
4	..	3	..	..	..	..	..	..	1	1	..	..	1	9	..	1	..	49	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	1	5	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	5	5
71	7	36	1	92	3	5	4	18	3	31	13	96	30	106	3	15	1	159	5

MATERNAL MORTALITY.

Owing to the high mortality of infants under one day, from three causes, premature births, congenital debility, and stillbirths, the question of prenatal care of expectant mothers becomes intensely important, and as Dr. E. Jones, of Pennsylvania, has stated the case very clearly and beautifully, his message on this subject to his own state is quoted in full:

"Man is the most powerful, the most destructive, and creative of all living beings in past or present time; yet his young are the most helpless of all living beings. How, then, is this strange little being, who will one day be the lord of creation, to be defended in a world where he is incapable of even finding a mouthful of food, if no loving hands protect him?

"Nature has created the problem and provided the solution. That solution is the mother. It is the nation's duty to look after motherhood, infancy and the child; not merely as a matter of sentiment for mothers, but as the business of practical men and of everyone who wishes his country to survive at all.

"We must save the babies through the mothers. No infant should die, every human being should live to the natural span of human life. The principle of saving the infant, through sound fatherhood and guarded motherhood, is the proper way to bring about this accomplishment.

"When we congratulate ourselves that we have cut down infant mortality, let us appreciate the important fact that it is almost wholly the older infants whom we save. The newborn baby dies, because of something that happened to it before it was born. To save it, we must begin with the expectant mother.

"What a splendid thing it would be, if hospital facilities were available for the expectant mother. Where she could be cared for, and where calamities, infections, dangers, and accidents might be anticipated and averted: "Where the child may be cured, before it sees light."

"Much is to be done, not only in the actual saving of infant life, but by providing effective and prompt remedies to all bad conditions of living. 'Only the race that regards its young, renews its youth.' The question of infant mortality and child welfare is really the question of motherhood."

The deaths from maternal mortality in 1931 numbered 93, a decrease of 19, or 17 per cent. The death rate is 4.4 per 1,000 living births, the lowest in the history of the province, and the lowest for any province in the Dominion. Inclusive of stillbirths the rate is 4.2 per 1,000 births.

The new International Classification has re-arranged the causes that come under this division, and as it has not been possible to re-classify this division from 1914 to 1930, that table published in last year's report is reprinted, and the figures for 1931, according to the new classification, are given in Table CXII.

Tables CVIII and CIX deal with the deaths of women between 15 and 45 years, also among the single and married women during the same period.

Septicæmia still continues to claim the largest number of deaths in the puerperal state.

The age periods between 30 and 40 claimed the highest number of deaths; fifty-three per cent of the deaths occurred in these years.

A special investigation was held during the year. The physicians responded very heartily; replies were received to 84 out of the 93 questionnaires sent out.

The following is a brief outline of the results of the investigation:

The hours of labor: under 5 hours, 17; between 5 and 10 hours, 14; over 10 hours, 14; not stated, 39.

Instruments were used in 15 cases; Not used in 69 cases.

Forty-one deaths took place in hospitals and forty-three in private homes.

Pre-natal care by physicians was given in 22 cases, and 62 received no such care.

The primipara births number 15 and multipara births numbered 69.

Pituitrin was used in 22 cases, and not used in 62 cases.

Of these deaths, 43 were living births, and 41 stillbirths.

The racial origin of the decedents were as follows: Dutch 2; Hungarian 2; Russian 3; English, 30; Irish, 5; Scandinavian, 5; French, 6; Indian, 2; Scotch, 11; German, 14; Polish, 5; Ukrainian, 8; Welsh, 1.

TABLE CVIII.—DEATHS AMONG WOMEN AND SINGLE WOMEN, 15–44 YEARS, 1931.

Age Period	All Women			Single Women		
	Population	Deaths	Rate per 1,000 women in each period	Population	Deaths	Rate per 1,000 single women in each period
15–24	87,304	149	1.7	65,145	103	1.5
25–44	116,205	331	2.8	10,380	39	3.7

TABLE CIX.—DEATHS AMONG MARRIED WOMEN, 15–44 YEARS, 1931.

Age period	Population of married women	Total deaths among married women	Rate per 1,000	Deaths puerperal state	Rate per 1,000 married women
15–24	21,302	46	2.2	14	.7
25–44	91,761	292	3.2	76	.8

TABLE CX.—MATERNAL MORTALITY, 1914–1931.

Year	Deaths	Rate per 100,000 population	Rate per 1,000 living births	Rate per 1,000 births including stillbirths	Rate per 1,000 deaths excluding stillbirths	Rate per 1,000 deaths including stillbirths
1914	104	17.8	6.4	6.3	27.6	26.3
1915	81	13.1	4.7	4.6	21.5	20.1
1916	100	15.4	5.3	5.2	20.9	19.8
1917	116	17.3	5.7	5.6	23.3	21.8
1918	131	18.9	6.2	6.0	14.0	13.4
1919	101	14.1	4.9	4.8	16.4	15.4
1920	131	17.8	5.8	5.6	21.5	19.7
1921	121	16.0	5.4	5.3	21.6	19.6
1922	112	14.3	5.0	5.0	18.3	16.8
1923	111	13.6	5.3	5.2	18.0	16.5
1924	145	17.8	6.7	6.5	25.1	22.7
1925	117	14.0	5.7	5.5	20.8	18.9
1926	147	17.9	7.1	6.9	24.3	22.2
1927	114	13.6	5.4	5.3	18.9	17.3
1928	124	14.6	5.8	5.7	20.1	18.4
1929	132	15.3	6.2	6.0	19.7	18.2
1930	112	12.7	5.1	4.9	17.7	16.3
1931	93	10.8	4.1	4.2	15.3	14.0

TABLE CXI.—MATERNAL MORTALITY 1914–1930. RATES PER 1,000 BIRTHS (Including Stillbirths.)

Cause	1914-1923	1924	1925	1926	1927	1928	1929	1930
Accidents of pregnancy	.9	1.0	.3	.6	.6	.3	.4	.4
Puerperal Hæmorrhage	.9	.6	.7	.8	.8	1.0	.9	.7
Other accidents of labor	.6	.6	.5	.6	.4	.5	.6	.4
Puerperal septicæmia	1.3	1.9	2.0	2.5	2.3	2.5	2.2	1.9
Puerperal phlegmasia, alba dolens, embolus, sudden deaths	.2	.3	.3	.9	.6	.3	.6	.5
Puerperal albuminuria and convulsions	.8	1.5	1.1	1.4	.5	.9	1.1	.9
Following childbirth	.6	.5	.5	.2	.1	.1	.2	.1
Total	5.3	6.5	5.5	6.9	5.3	5.7	6.0	5.0

TABLE CXII.—MATERNAL MORTALITY, CAUSES OF DEATHS, 1931. ACCORDING TO THE NEW CLASSIFICATION.

Cause	Number of deaths
Abortion with septic condition	12
Abortion without septic condition	4
Ectopic gestation	5
Other accidents of pregnancy	2
Puerperal hæmorrhage	15
Puerperal septicæmia	20
Albuminuria and eclampsia	15
Other toxæmias of pregnancy	2
Phlegmasia alba dolens, etc.	10
Other accidents of childbirth	7
Conditions of the puerperal state not specified	1
Total	93

TABLE CXIII.—ASSOCIATED DISEASES OF PREGNANCY, 1931.

Disease	No.	Single	Married	Age				
				15–24	25–29	30–34	35–39	40–44
Influenza	1	.	1	.	.	.	1	.
Toxic thyroid gland	1	.	1	.	.	.	1	.
Psychosis (acute mania)	1	.	1	.	.	.	1	.
Simple meningitis	1	.	1	.	.	.	1	.
Pneumonia	5	1	4	1	1	2	.	1
Nephritis	1	.	1	.	.	1	.	.
Total	10	1	9	1	1	3	4	1

TABLE CXIV.—MATERNAL MORTALITY BY AGE PERIODS.

Age Period	Number
15–19 years	3
20–24 years	13
25–29 years	15
30–34 years	23
35–39 years	27
40 years and over	12

DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS.

The deaths in these institutions numbered 2,028, a decrease of 110 compared with the previous year.

The non-residents dying in the province numbered 46, a decrease of 31, compared with 1930, and the non-residents dying in public institutions numbered 22, an increase of one over the previous year.

The total deaths in the cities of the province were 1,602, a decrease of 87 compared with 1930. The deaths of residents in the cities amounted to 975, or 60 per cent of the total. This means that 40 percent of the total deaths in the cities were non-residents.

In the eight cities, 1,187, or 74 per cent of the total deaths, occurred in public institutions. The residents of the cities dying in public institutions amounted to 538, or 45.3 per cent of the total deaths in cities, therefore of the deaths taking place in the public institutions, 54.7 were non-residents, or 9 per cent more than the residents.

The percentage of non-residents dying in the public institutions of each of the several cities was as follows:

Moose Jaw	49.0	Saskatoon	53.5
North Battleford	65.0	Swift Current	66.6
Prince Albert	76.0	Weyburn	54.5
Regina	43.4	Yorkton	71.1

Ten persons non-residents of Saskatchewan died in the public institutions in the cities.

TABLE CXV.—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1931. (Exclusive of Stillbirths.)

Location and Name of Institution	Male	Female	Total
Abernethy, Hospital	1	2	3
Alsask, General Hospital	4	1	5
Arcola, Brock Union Hospital	3	1	4
Assiniboia, Union Hospital	4	..	4
Battleford, Nursing Home	1	..	1
Bengough, Red Cross Outpost	4	3	7
Biggar, St. Margaret's Hospital	3	6	9
Bracken, Red Cross Outpost	1	1	2
Broderick, Red Cross Outpost	2	1	3
Cabri, Municipal Hospital	6	3	9
Canora, H. W. Memorial Hospital	15	5	20
Central Butte, Victorian Hospital	1	2	3
Cudworth, St. Michaels Hospital	11	4	15
Cupar, Nursing Home	2	1	3
Cut Knife, Red Cross Outpost	..	1	1
Davidson, Union Hospital	5	1	6
Dinsmore, Community Hospital	1	..	1
Dodsland, Association Hospital	4	3	7
Earl Grey, Private Hospital	1	1	2
Eastend, Jubilee Hospital	2	2	4
Eatonia, Union Hospital	2	2	4
Edam, Union Hospital	4	4	8
Elrose, Community Hospital	4	3	7
Estevan, Hospital	8	8	16
Eston, Union Hospital	10	7	17
File Hills, Colony Hospital	1	4	5
Fort San, Sanatorium	22	19	41
Frontier, Community Hospital	4	3	7
Gravelbourg, St. Joseph's Hospital	12	7	19
Gull Lake, Union Hospital	9	4	13
Hafford, Hospital	10	8	18
Humboldt, St. Elizabeth's Hospital	23	17	40
Ile a la Crosse, Hospital	4	3	7
Indian Head, Union Hospital	11	7	18
Kamsack, General Hospital	3	4	7
Kelvington, Red Cross Outpost	1	..	1
Kerrobert, Union Hospital	6	6	12
Kincaid, Community Hospital	3	1	4
Kindersley, Union Hospital	6	7	13
Lake Lenore, Hospital	1	1	2
Lampman, Union Hospital	..	7	7
Lashburn, Union Hospital	9	7	16
Limerick, Hospital	1	..	1
Lloydminster, Union Hospital	16	7	23
Lucky Lake, Hospital	5	..	5
Macklin, St. Joseph's Hospital	14	5	19
Maidstone, Nursing Home	3	2	5
Maple Creek, General Hospital	10	5	15
Meadow Lake, Red Cross Outpost	..	1	1
Melfort, Glen Eden Nursing Home	..	1	1
Melfort, Lady Minto Hospital	20	5	25
Melville, Municipal Hospital	10	7	17
Milden, Community Hospital	2	2	4
Moose Jaw, Children's Shelter	1	2	3
Moose Jaw, General Hospital	68	40	108
Moose Jaw, Providence Hospital	20	15	35
Moosomin, General Hospital	10	5	15
Nipawin, Red Cross Outpost	7	4	11
North Battleford, Isolation Hospital	1	2	3
North Battleford, Mental Hospital	40	20	60
North Battleford, Notre Dame Hospital	18	20	38
North Battleford, Rest Haven	1	..	1
Oxbow, Community Hospital	..	1	1
Ponteix, Gabriel Hospital	5	2	7
Prelate, St. Joseph's Hospital	8	9	17
Prince Albert, Holy Family Hospital	47	23	70
Prince Albert, Sanatorium	21	16	37

TABLE CXV.—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1931. (Exclusive of Stillbirths—*Continued.*

Location and Name of Institution	Male	Female	Total
Prince Albert, Victoria Hospital	18	12	30
Rabbit Lake, Red Cross Outpost	9	..	9
Radisson, Hospital	..	1	1
Regina, Cottage Hospital	1	..	1
Regina, General Hospital	150	84	234
Regina, Grey Nuns Hospital	51	33	84
Regina, Isolation Hospital	..	2	2
Regina, Salvation Army Home	1	..	1
Rockglen, Red Cross Outpost	1	2	3
Rosetown, Union Hospital	18	12	30
Rosthern, St. John Hospital	8	4	12
Rouleau, Community Hospital	2	2	4
St. Hubert Mission, Joan of Arc Home	11	3	14
Saskatoon, City Hospital	91	58	149
Saskatoon, St. Paul's Hospital	75	53	128
Saskatoon, Sanatorium	18	17	35
Saskatoon, W.C.T.U.	2	..	2
Scott, St. Francis Hospital	6	6	12
Shaunavon, Union Hospital	12	11	23
Southey, Hospital	2	..	2
Swift Current, General Hospital	24	20	44
Tisdale, St. Therese Hospital	16	13	29
Tuberose, Red Cross Outpost	1	..	1
Turtleford, Hospital	6	4	10
Tuxford, Community Hospital	1	..	1
Unity, Union Hospital	5	4	9
Vanguard, Union Hospital	3	3	6
Wadena, Union Hospital	19	14	33
Wakaw, Anna Turnbull Hospital	7	8	15
Watrous, Hospital	1	2	3
Weyburn, General Hospital	25	7	32
Weyburn, Mental Hospital	44	34	78
Whitewood, Cottage Hospital	5	..	5
Wilkie, Union Hospital	1	1	2
Willow Bunch, Pasteur Hospital	1	..	1
Wolseley, Home for the Infirm	6	4	10
Wood Mountain, Red Cross Outpost	..	1	1
Yorkton, Victoria Hospital	35	24	59
Total	1,228	800	2,028

TABLE CXVI.—TOTAL DEATHS (Exclusive of Stillbirths) AND DEATHS IN PUBLIC INSTITUTIONS SHOWING THE NUMBER NON-RESIDENT IN THE PROVINCE, 1931.

	All deaths						In public institutions					
	Total			Non-resident in province			Total			Non-resident in province		
	Total	M	F	Total	M	F	Total	M	F	Total	M	F
Total for the province	6,066	3,443	2,623	46	33	13	2,023	1,235	788	22	16	6

SELECTED CAUSES OF DEATH.

Tables CXVII and CXVII(a) deal with thirteen selected causes of death. Each rural municipality includes cities, towns and villages located within the boundaries of the municipality.

The population given is the census figures for 1931.

The birth and death rates are given for each municipality, and the number of deaths is given for each of the thirteen selected causes of death.

The urban birth rate is 20.1 per 1,000 of the urban population, which is two points lower than the rate for the province. In 1930 the urban rate was higher. The urban death rate is 6.7 per 1,000 which is one point higher than for the province.

Among the cities and towns, Gravelbourg had the highest birth rate, and Sutherland the lowest. Indian Head had the highest death rate and Wilkie the lowest.

Diagrams XXII to XXIX deal with eight of the thirteen selected causes of death, and show the mortality from each cause in each municipality. These are indicated by the heavy black figures entered on each municipality. In this manner the distribution of these deaths can be easily ascertained.

TABLE CXVII.—DEATHS IN MUNICIPALITIES (Including Cities, Towns and Villages), 1931. FROM THIRTEEN SELECTED CAUSES OF DEATH. (Residents Only.) ALSO Birth and Death Rates.

Rural Municipality or Unit No.	Population	Number of births Stillbirths excluded	Rate per 1,000	Number of deaths Stillbirths excluded	Rate per 1,000	10. Diphtheria	11. Influenza	23-32. Tuberculosis (all forms)	45-53. Cancer (all forms)	82-84. Cerebral apoplexy, paralysis mental alienation	90-95. Heart diseases	107-109. Pneumonia and Bronchopneumonia	119-120. Diarrhœa and enteritis	130-132. Nephritis (acute and chronic)	140-150. The puerperal state	176-194. Accidental deaths	Infant mortality	Stillbirths
1	1,575	31	19.7	12	7.6	..	..	..	2	1	1	1	..	..	..	1	2	..
2	2,000	33	16.5	14	7.0	..	1	..	3	..	3	..	..	..	..	..	1	1
3	2,319	52	25.6	17	7.2	..	..	1	..	..	2	4	..	..	1	1	3	4
4	2,942	57	19.4	21	7.1	..	..	3	1	2	2	3	..	..	..	1	2	1
5	5,197	116	22.4	44	8.5	..	1	1	6	..	3	5	1	4	1	4	9	..
6	1,790	58	32.4	9	5.0	..	1	..	..	1	..	..	1	1	..	..	2	1
7	2,319	57	21.9	10	4.3	..	..	1	2	..	2	1	..	..	..	1	2	3
8	1,304	40	30.7	3	2.3	..	1	..	..	..	..	..	..	..	..	..	..	..
9	1,235	33	23.8	7	5.7	..	..	..	1	..	..	..	1	..	..	..	4	..
10	738	14	19.0	3	4.1	..	..	..	..	..	1	..	..	..	..	1	1	..
11	1,689	39	23.1	13	7.7	..	..	..	3	1	..	2	..	..	1	..	3	1
12	1,831	46	22.3	13	7.1	..	1	..	3	1	1	1	..	1	..	..	3	..
13	1,150	33	28.7	7	6.1	..	..	1	..	..	1	..	..	1	..	..	1	..
14	722	8	11.1	1	1.4	..	..	..	..	..	..	..	..	..	..	1	..	1
15	349	4	10.2	2	5.7	..	..	..	1	..	..	..	..	..	..	..	1	..
16	426	12	28.1	1	2.3	..	..	..	..	..	..	..	..	..	..	..	..	..
17	1,430	40	28.0	9	5.6	..	..	1	3	..	1	..	..	..	..	..	2	2
18	1,642	38	20.5	10	6.1	..	..	2	..	..	2	..	..	1	..	1	1	2
19	1,138	26	20.3	8	7.0	..	1	..	1	..	..	..	..	..	..	..	3	1
20	544	14	25.8	5	9.2	..	1	1	..	..	..	..	..	..	..	1	1	..
21	482	9	18.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	310	6	19.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
31	1,274	30	23.6	5	3.9	..	..	..	..	1	1	..	..	..	..	..	..	2
32	1,537	39	22.5	9	5.9	..	..	2	..	1	..	2	1	..	..	1	2	1
33	1,867	49	26.3	13	7.0	..	..	..	2	3	..	..	..	1	..	2	1	1
34	2,312	59	25.5	17	7.3	..	..	1	3	..	2	1	..	1	..	3	2	1
35	2,120	56	26.4	17	8.1	..	..	..	1	..	4	2	1	1	..	..	8	..

TABLE CXVII.—DEATHS IN MUNICIPALITIES (Including Cities, Towns and Villages), 1931. FROM THIRTEEN SELECTED CAUSES OF DEATH. (Residents Only.) ALSO Birth and Death Rates—*Continued.*

Rural Municipality or Unit No.	Population	Number of births Stillbirths excluded	Rate per 1,000	Number of deaths Stillbirths excluded	Rate per 1,000	10. Diphtheria	11. Influenza	23-32. Tuberculosis (all forms)	45-53. Cancer (all forms)	82-84. Cerebral apoplexy, paralysis mental alienation	90-95. Heart diseases	107-109. Pneumonia and Bronchopneumonia	119-120. Diarrhœa and enteritis	130-132. Nephritis (acute and chronic)	140-150. The puerperal state	176-194. Accidental deaths	Infant mortality	Stillbirths
36	2,038	36	17.7	8	3.9	..	..	..	2	1	..	..	..	..	1	1	..	3
37	1,627	35	19.1	9	5.5	..	..	2	1	..	..	..	..	..	..	..	2	..
38	2,597	55	18.8	12	4.6	..	..	2	..	..	2	4	..	1	..	..	2	2
39	1,834	29	15.8	9	4.9	..	1	1	2	..	1	..	..	..	..	2	1	3
40	2,089	47	19.9	14	6.8	..	1	1	1	1	1	..	..	1	..	1	3	..
42	3,102	64	18.2	15	4.8	..	1	1	3	..	..	..	..	..	..	..	3	2
43	1,584	55	30.8	12	7.6	..	1	1	..	..	..	1	1	1	..	..	5	3
44	1,729	40	23.3	6	3.5	..	2	..	1	..	1	..	1	..	..	..	3	2
45	1,913	64	33.4	13	6.8	..	1	..	2	1	..	2	..	..	..	2	3	..
46	984	20	20.4	7	7.1	..	..	1	1	..	1	..	..	1	..	1	1	..
47	440	9	20.4	4	8.1	..	2	..	..	..	..	..	1	1	..	..	1	..
48	454	4	8.8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
49	1,700	20	11.8	10	5.9	..	1	1	1	..	..	..	..	..	..	3	..	2
50	833	13	15.6	5	6.0	..	..	..	..	1	..	..	..	..	..	1	1	..
51	1,145	25	21.8	6	5.2	..	1	..	..	..	..	..	..	..	..	2	2	1
52	298	6	20.1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
61	2,212	57	22.8	15	6.8	..	..	1	2	2	3	1	..	2	..	..	2	1
63	2,649	54	20.4	13	4.9	..	..	2	1	1	1	..	..	1	..	..	1	..
64	2,355	41	17.4	12	5.1	..	1	1	1	..	1	2	1	1	..	..	3	..
65	2,370	50	21.1	14	5.9	..	..	1	2	..	2	..	..	..	1	1	2	1
66	1,765	43	21.6	13	7.4	..	..	..	1	..	1	2	..	1	..	3	3	..
67	6,899	126	18.3	38	5.5	..	..	2	5	1	6	1	..	..	..	1	9	4
68	1,175	21	17.9	4	3.4	..	..	..	..	..	..	1	..	2	..	..	1	..
69	2,098	44	18.6	14	6.7	..	1	..	2	1	..	2	1	..	..	2	4	..
70	2,784	65	20.8	19	6.8	..	2	..	..	..	4	1	1	1	..	..	4	2
71	3,322	78	20.8	18	5.4	..	1	..	..	2	3	2	2	..	..	1	4	1
72	3,156	66	21.0	17	5.5	..	1	2	2	..	2	..	..	..	1	2	2	3

73	3,151	66	21.0	18	5.7	..	..	1	..	..	3	2	..	1	..	..	8	1
74	2,783	55	19.8	11	4.0	..	3	1	2	..	..	2	..	..	..	..	4	2
75	2,582	55	21.2	15	5.8	..	..	..	2	..	3	2	..	1	..	2	1	1
76	2,537	58	20.3	20	7.9	..	1	1	2	1	1	1	..	1	..	4	7	1
77	1,869	47	22.3	16	8.5	..	2	..	..	1	2	..	..	..	1	..	5	2
78	2,974	95	32.0	21	7.1	..	..	..	2	..	4	2	..	1	..	1	6	2
79	1,592	18	11.3	9	5.6	..	..	..	..	..	..	..	..	..	..	1	3	..
80	797	15	18.8	8	4.3	..	1	..	..	..	2	..	..	..	..	1	3	1
81	308	5	16.2	1	3.4	..	..	..	..	..	1	..	..	..	..	..	..	..
82	283	4	14.1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
91	1,865	43	23.1	17	9.1	..	..	..	3	..	1	..	..	1	..	2	3	..
92	1,924	31	16.2	9	4.7	..	..	..	3	1	2	..	..	..	..	1	1	..
93	1,980	48	24.2	20	10.1	..	1	..	2	1	2	2	1	2	..	2	4	..
94	1,493	31	20.8	9	6.0	..	2	1	1	..	..	..	2	..	..	..	3	..
95	1,553	28	18.0	6	3.9	..	..	..	1	1	2	..	..	1	..	..	1	1
96	1,851	47	25.4	10	5.4	..	..	1	..	1	2	..	..	..	..	..	1	1
97	1,805	36	20.0	14	7.8	..	1	..	5	..	..	1	..	..	1	..	5	2
98	2,699	54	20.0	11	4.1	..	1	..	..	1	3	1	..	..	..	2	2	1
99	1,638	30	18.3	10	5.5	..	..	..	1	1	1	1	..	..	..	..	3	..
100	2,576	71	24.4	15	5.8	..	3	2	..	..	1	..	1	1	..	..	5	..
101	1,914	48	25.1	8	4.2	..	..	..	1	..	1	..	..	..	1	1	1	2
102	1,818	34	21.1	13	7.2	..	..	1	1	2	1	..	..	1	..	2	3	..
103	2,264	52	20.3	12	5.3	..	..	..	1	..	1	2	1	..	..	2	5	1
104	3,382	92	24.1	14	4.1	..	2	..	1	1	1	1	2	..	1	..	4	2
105	2,337	39	16.7	8	3.4	..	..	..	1	..	..	1	..	..	..	2	2	4
106	2,196	34	15.5	8	5.2	..	..	1	4	..	..	..	2	..	..	..	..	..
107	1,944	58	29.8	10	5.1	..	..	1	2	..	1	..	..	..	1	1	1	4
108	2,100	51	24.3	13	6.2	..	..	..	2	1	1	1	..	..	..	..	4	1
109	1,599	32	20.0	3	1.9	..	..	..	..	..	..	..	1	..	..	..	1	1
110	1,260	32	25.4	6	4.8	..	1	..	1	1	1	..	..	..	..	..	1	1
111	2,044	33	16.1	12	6.0	..	..	..	1	1	4	2	..	1	..	..	3	2
112	869	8	9.2	3	3.5	..	..	..	..	..	1	..	..	..	..	..	1	..
121	3,327	66	19.8	31	9.3	..	1	1	5	3	5	2	..	2	..	1	1	5
122	1,660	30	18.1	15	9.0	..	3	..	2	1	1	1	..	2	..	..	2	..
123	1,769	29	16.4	28	15.9	..	2	..	4	5	2	..	..	3	1	..	1	1
124	2,575	46	17.9	12	4.7	..	3	1	2	..	..	1	..	..	..	..	3	3
125	2,234	44	17.5	13	5.2	..	..	..	2	..	2	..	..	2	..	..	2	3
126	2,746	82	29.8	17	6.2	..	1	1	3	2	..	1	3	..	..	..	6	2
127	3,673	85	23.3	25	6.8	..	1	1	3	1	1	3	1	..	..	3	8	2
128	2,096	48	22.9	6	2.9	..	..	..	..	..	1	..	..	..	..	..	1	..

TABLE CXVII.—DEATHS IN MUNICIPALITIES (Including Cities, Towns and Villages), 1931. FROM THIRTEEN SELECTED CAUSES OF DEATH. (Residents Only.) ALSO Birth and Death Rates—*Continued.*

Rural Municipality or Unit No.	Population	Number of births Stillbirths excluded	Rate per 1,000	Number of deaths Stillbirths excluded	Rate per 1,000	10. Diphtheria	11. Influenza	23-32. Tuberculosis (all forms)	45-53. Cancer (all forms)	82-84. Cerebral apoplexy, paralysis mental alienation	90-95. Heart diseases	107-109. Pneumonia and Bronchopneumonia	119-120. Diarrhœa and enteritis	130-132. Nephritis (acute and chronic)	140-150. The puerperal state	176-194. Accidental deaths	Infant mortality	Stillbirths
129	1,774	33	18.6	12	7.6	..	3	..	1	1	2	1	..	..	..	1	3	..
130	2,563	41	16.0	15	5.9	..	..	..	1	..	3	..	..	2	..	1	3	1
131	1,599	35	19.4	9	5.0	..	1	..	1	..	..	1	1	..	1	..	3	3
132	521	7	13.4	1	1.9	..	..	..	..	..	..	..	..	..	..	1	..	..
133	1,284	37	28.8	10	7.8	..	..	..	2	1	1	1	..	1	..	..	3	1
134	1,748	33	18.9	9	5.2	..	..	..	1	..	..	..	..	..	1	..	3	1
135	2,503	50	20.0	11	4.4	..	1	1	2	..	2	2	..	..	..	..	2	2
136	2,517	72	25.5	11	4.4	..	..	1	..	..	2	1	..	2	..	1	1	4
137	8,333	187	22.4	49	5.9	1	1	5	7	1	4	2	4	1	1	4	11	3
138	2,100	33	15.7	13	6.2	..	1	1	..	1	3	..	1	..	..	2	1	2
139	2,342	70	26.4	19	8.1	..	1	..	3	..	6	..	..	..	..	2	4	1
140	456	8	17.5	3	6.6	..	..	..	..	..	2	..	..	..	..	1	..	..
141	1,004	22	22.0	3	3.0	..	..	..	..	..	1	..	..	..	..	..	1	..
142	691	12	17.4	2	2.9	..	..	..	..	..	..	..	..	..	..	..	..	..
151	2,435	56	23.0	20	8.2	..	2	3	..	..	2	..	..	2	..	2	2	3
152	1,875	37	19.7	10	5.3	..	..	1	1	..	1	1	..	..	..	..	4	1
153	2,329	44	18.9	30	12.9	..	1	1	3	..	4	3	2	2	1	..	4	2
154	4,342	109	25.2	35	8.1	..	..	4	2	2	..	3	2	..	..	3	6	1
155	2,911	50	17.3	24	8.3	..	..	1	4	..	4	..	..	..	1	1	2	4
156	3,775	67	17.8	27	7.2	..	..	1	4	2	6	2	1	..	..	2	4	2
157	3,158	69	21.8	25	7.9	..	1	..	2	..	2	4	2	1	..	1	4	2
158	3,363	88	26.2	21	7.1	..	3	..	3	1	1	3	3	..	1	..	7	1
159	57,193	1,283	25.4	348	6.1	..	11	25	48	16	46	26	5	8	5	19	62	48
160	2,137	28	13.1	14	6.6	1	1	..	2	..	2	..	..	..	..	1	3	1
161	23,033	384	14.8	160	6.9	..	12	8	21	7	24	9	3	2	1	10	31	11
162	1,257	20	15.9	12	9.5	..	1	..	1	1	1	..	..	1	..	..	1	..
163	1,589	26	16.4	12	7.6	..	..	..	..	..	3	1	..	..	1	1	1	..

164	1,405	34	21.4	5	3.6	..	..	..	..	..	..	3	..	..	..	..	1	1
165	3,458	107	31.0	26	7.5	..	1	1	2	4	3	..	..	5	..	3	2	2
166	3,454	109	31.6	17	4.9	..	..	1	2	..	..	3	1	2	..	1	7	1
167	1,390	31	22.3	6	4.3	..	1	..	..	..	1	..	..	..	..	1	3	..
168	3,227	82	25.4	19	5.9	..	1	..	2	..	3	1	..	2	..	1	4	4
169	1,583	41	26.0	8	5.1	..	..	..	..	1	3	..	1	2	..	..	1	..
170	375	9	24.0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
171	2,269	70	28.6	14	6.2	..	..	..	..	1	1	3	2	1	..	1	5	3
172	1,336	36	27.0	8	5.9	..	..	..	..	..	1	2	..	..	..	1	3	..
181	2,234	57	22.6	15	6.7	..	1	..	1	..	1	1	..	..	1	2	6	1
183	3,764	75	17.7	26	6.9	..	..	..	2	..	3	2	1	..	..	2	10	..
184	3,229	85	26.3	28	8.7	..	1	2	1	1	1	6	3	..	..	..	13	2
185	3,874	84	21.7	31	8.0	..	3	1	1	3	2	1	2	1	1	1	11	4
186	2,734	54	22.3	14	5.1	..	..	..	..	1	2	..	..	2	..	2	1	2
187	3,216	78	24.2	43	13.3	..	6	4	3	..	4	4	3	5	1	1	11	2
189	2,531	40	15.8	7	2.5	..	..	..	1	..	1	..	..	1	..	..	1	..
190	2,269	40	17.6	11	4.8	1	..	1	2	1	2	..	1	..	..	..	1	..
191	1,698	33	19.4	9	5.3	..	..	..	..	..	1	1	..	..	1	..	..	1
193	2,113	40	19.0	14	6.6	..	1	1	3	1	1	..	..	2	1	1	1	..
194	1,935	33	17.0	7	3.6	..	1	1	..	..	..	..	..	..	..	..	1	..
195	1,283	42	29.0	8	6.2	..	..	..	..	..	1	1	..	1	..	1	3	..
211	2,717	56	20.6	16	5.9	..	4	..	3	..	1	1	..	..	1	..	2	1
213	2,592	39	15.0	18	7.0	..	1	..	2	..	4	1	..	..	..	1	1	..
214	6,442	150	23.3	46	7.1	..	4	3	2	..	6	2	1	1	..	4	13	1
215	3,576	94	26.3	34	8.4	1	3	2	4	1	3	1	5	..	..	..	12	3
216	2,156	67	31.0	16	7.4	..	2	2	2	..	2	2	2	..	1	..	7	2
217	2,799	61	21.8	16	5.7	..	2	1	3	..	3	2	1	..	..	..	5	1
218	3,628	74	20.4	30	8.3	..	2	..	3	2	3	2	8	..	1	..	11	9
219	3,087	74	24.0	18	5.8	..	..	..	1	..	3	..	2	..	..	1	2	1
220	2,386	49	20.5	17	7.1	..	4	..	1	1	5	..	..	1	..	..	4	..
221	2,701	63	23.4	20	7.4	..	..	..	1	..	3	1	3	1	..	1	6	1
222	2,120	30	14.2	11	5.2	..	..	2	3	..	3	..	..	..	..	..	..	1
223	1,435	29	20.2	8	5.6	..	..	..	2	1	..	1	..	1	..	1	..	2
224	1,974	36	18.2	17	8.6	..	..	..	2	1	..	..	..	..	..	..	3	..
225	1,391	36	25.9	8	5.1	..	..	..	..	..	1	..	..	..	1	1	2	..
226	1,708	42	24.6	15	8.8	..	2	..	2	..	3	..	..	..	..	2	3	3
227	1,170	23	19.7	5	4.3	..	..	..	2	..	..	..	..	..	..	2	1	1
228	2,185	42	19.2	11	5.0	..	1	..	..	..	2	1	..	1	..	1	4	2
229	2,430	60	24.7	8	3.3	..	..	..	..	..	2	1	..	..	..	..	1	1
230	2,182	42	21.7	8	3.7	..	1	..	1	..	3	1	..	..	1	..	2	..

TABLE CXVII.—DEATHS IN MUNICIPALITIES (Including Cities, Towns and Villages), 1931. FROM THIRTEEN SELECTED CAUSES OF DEATH. (Residents Only.) ALSO Birth and Death Rates—*Continued.*

Rural Municipality or Unit No.	Population	Number of births Stillbirths excluded	Rate per 1,000	Number of deaths Stillbirths excluded	Rate per 1,000	10. Diphtheria	11. Influenza	23-32. Tuberculosis (all forms)	45-53. Cancer (all forms)	82-84. Cerebral apoplexy, paralysis mental alienation	90-95. Heart diseases	107-109. Pneumonia and Bronchopneumonia	119-120. Diarrhœa and enteritis	130-132. Nephritis (acute and chronic)	140-150. The puerperal state	176-194. Accidental deaths	Infant mortality	Stillbirths
231	4,676	135	28.8	29	6.2	..	..	2	3	1	2	4	3	2	1	2	12	3
232	1,563	51	32.6	7	4.0	..	..	..	..	..	1	..	..	..	..	1	4	1
241	3,275	77	23.4	26	8.0	..	3	1	2	..	3	..	1	..	..	..	9	..
243	3,141	68	21.6	20	6.4	..	2	..	3	..	3	2	1	1	..	1	5	2
244	8,045	181	25.4	66	8.2	..	5	1	4	1	9	4	5	2	2	3	20	8
245	2,800	69	24.6	13	4.6	1	..	..	1	..	4	2	..	..	..	..	5	1
246	3,467	105	30.2	30	8.6	1	3	..	1	..	2	2	3	..	1	2	15	3
247	3,228	81	22.2	23	7.1	..	2	4	1	..	..	3	1	1	1	..	7	2
248	2,469	84	34.0	28	11.4	..	3	..	1	1	..	6	5	..	..	..	16	..
249	2,000	39	19.5	8	4.0	..	..	..	1	..	1	..	1	..	..	..	..	2
250	2,095	37	17.7	9	3.8	..	..	1	..	..	2	1	..	2	..	..	1	1
251	1,895	33	17.4	9	4.2	..	..	..	..	1	1	..	2	1	..	2	1	2
252	1,785	47	26.4	7	3.9	..	..	..	..	..	2	..	..	..	..	1	1	..
253	1,284	12	9.3	4	3.1	..	..	..	1	..	..	..	..	..	..	..	..	..
254	3,161	54	17.1	19	6.0	..	..	2	1	..	4	2	..	1	1	..	3	4
255	2,057	37	18.0	7	3.0	..	..	..	..	..	..	1	..	..	..	..	4	3
256	1,141	18	15.8	6	5.3	..	1	..	..	..	..	..	..	..	..	2	1	..
257	1,787	36	20.1	10	5.6	1	..	..	..	..	3	1	..	..	..	1	1	..
258	1,419	22	15.5	7	4.4	..	..	..	1	..	1	..	1	..	..	..	2	1
259	2,501	48	19.2	25	10.0	..	..	1	2	2	1	3	..	..	..	1	8	1
260	1,894	35	20.9	7	3.7	..	..	..	..	..	..	3	..	2	..	..	2	..
261	1,508	32	21.2	6	4.0	..	..	..	..	1	1	..	..	..	1	..	..	..
262	928	13	14.0	4	4.3	..	..	1	..	1	..	..	..	..	..	1	..	..
271	5,572	99	15.8	52	9.3	..	4	3	2	3	2	9	..	..	..	5	20	3
273	4,776	102	21.4	30	6.3	1	..	5	2	3	1	3	2	..	..	1	9	4
274	4,811	150	31.2	33	6.8	..	..	2	5	2	2	4	3	2	..	2	9	3
275	4,308	127	29.0	35	8.1	..	1	3	1	1	4	4	4	..	..	1	9	4

276	3,660	84	23.0	30	8.2	..	1	..	1	1	1	1	2	..	..	3	9	4
277	3,025	86	28.4	18	5.9	..	..	1	1	1	1	3	3	..	..	1	6	1
278	2,069	44	24.0	16	7.7	..	2	..	..	..	1	5	1	2	..	1	6	..
279	2,321	37	15.9	9	3.9	..	..	1	1	..	2	1	..	..	..	1	1	..
280	1,966	25	14.4	8	4.1	..	..	1	1	1	1	..	..	1	..	..	1	1
281	1,834	39	21.2	8	4.4	..	..	..	..	1	1	1	..	..	..	..	2	1
282	2,234	55	24.7	17	7.6	..	..	1	2	..	1	..	..	1	..	2	4	3
283	2,045	40	19.5	8	3.9	..	..	1	..	1	3	1	1	..	..	..	..	..
284	2,952	74	25.0	16	4.1	..	1	..	3	1	1	..	..	..	..	3	6	4
285	2,920	59	20.2	15	5.1	..	..	..	1	1	3	..	..	1	..	..	4	2
286	1,990	47	20.9	15	7.6	..	1	1	1	..	4	..	1	..	..	1	..	1
287	3,623	89	25.3	38	10.5	..	3	2	5	2	7	2	..	1	1	2	7	4
288	1,668	32	19.1	8	4.3	..	..	..	1	..	1	..	..	..	1	..	..	2
289	1,627	36	22.2	4	2.5	..	2	..	..	..	..	..	1	..	..	..	..	..
290	2,578	45	17.4	14	5.4	..	..	1	3	..	1	1	..	1	1	1	3	1
291	976	21	21.5	7	7.2	..	..	..	..	..	1	1	..	..	..	..	..	..
292	1,252	34	27.1	9	7.2	..	..	..	2	..	..	1	..	..	..	..	3	..
301	2,716	51	18.8	20	7.4	..	3	1	1	3	3	2	..	..	..	4	6	..
303	3,239	63	19.4	24	7.4	..	2	2	1	3	2	..	1	1	1	4	5	1
304	3,129	47	15.0	19	6.9	..	1	..	..	..	2	4	..	..	..	..	5	4
305	2,771	85	30.8	23	8.2	1	..	..	1	..	2	8	..	1	..	1	7	5
306	1,300	30	23.1	9	6.9	..	..	..	2	..	..	..	..	1	..	1	1	1
307	2,592	38	14.7	16	6.2	..	1	1	2	1	2	..	..	1	..	..	3	1
308	3,733	88	23.6	28	7.5	..	1	1	2	1	2	2	3	1	..	2	10	2
309	2,052	56	27.2	15	7.3	..	..	..	..	..	3	4	1	..	..	..	5	..
310	2,907	72	24.8	20	7.1	..	..	1	5	..	2	1	1	1	..	3	3	1
312	3,785	68	18.0	25	6.6	..	1	3	1	2	2	1	..	2	2	4	3	4
313	1,271	22	17.3	4	3.1	..	..	..	1	..	..	..	1	..	..	..	1	1
314	1,627	31	19.0	13	8.0	..	2	..	..	1	3	..	..	..	..	..	2	..
315	1,617	29	17.9	9	5.6	..	1	..	..	1	..	..	1	..	..	..	1	1
316	1,808	44	24.3	15	8.3	..	..	1	3	2	..	1	1	..	..	2	1	2
317	1,623	16	9.9	4	2.5	..	..	..	1	..	..	..	..	..	1	..	..	1
318	1,845	42	22.8	17	9.2	..	..	..	1	1	2	2	..	..	..	1	3	1
319	1,879	42	22.4	11	2.6	..	1	..	2	..	1	..	1	..	..	1	3	1
320	1,192	27	22.6	7	5.9	1	..	..	..	..	1	..	1	..	..	1	..	1
321	1,173	35	29.8	12	10.2	..	..	1	1	..	2	1	..	..	1	1	2	..
322	1,096	42	33.9	2	1.8	..	..	..	..	..	..	..	..	..	..	..	1	2
331	2,479	48	19.4	9	3.6	..	1	1	..	..	..	..	..	..	..	1	2	..
333	3,622	101	28.0	23	2.3	1	..	2	3	1	7	1	2	1	..	1	5	..
334	3,736	73	19.5	18	4.8	..	..	..	1	3	1	3	1	2	..	1	5	6

TABLE CXVII.—DEATHS IN MUNICIPALITIES (Including Cities, Towns and Villages), 1931. FROM THIRTEEN SELECTED CAUSES OF DEATH. (Residents Only.) ALSO Birth and Death Rates—*Continued.*

Rural Municipality or Unit No.	Population	Number of births Stillbirths excluded	Rate per 1,000	Number of deaths Stillbirths excluded	Rate per 1,000	10. Diphtheria	11. Influenza	23-32. Tuberculosis (all forms)	45-53. Cancer (all forms)	82-84. Cerebral apoplexy, paralysis mental alienation	90-95. Heart diseases	107-109. Pneumonia and Bronchopneumonia	119-120. Diarrhœa and enteritis	130-132. Nephritis (acute and chronic)	140-150.¶The puerperal state	176-194. Accidental deaths	Infant mortality	Stillbirths
335	2,246	70	27.6	18	8.0	..	..	2	2	..	..	1	2	..	..	1	6	3
336	3,269	53	16.2	17	5.2	..	..	..	2	..	6	1	..	..	..	1	2	1
337	2,365	59	22.1	21	8.9	..	..	..	5	..	3	2	..	2	..	1	3	..
338	2,056	50	24.4	8	3.9	..	..	1	..	..	..	..	1	..	..	1	3	2
339	2,251	61	24.0	19	8.4	..	..	2	1	..	4	2	..	..	1	1	5	..
340	1,964	36	20.7	6	3.1	..	..	..	2	1	..	1	..	..	..	1	2	1
341	2,990	61	20.4	17	5.7	..	..	2	1	3	2	..	..	1	..	..	2	2
342	2,233	39	17.5	4	1.8	..	..	..	2	..	..	1	..	..	..	..	2	1
343	2,553	56	22.0	13	5.1	..	..	..	2	..	3	1	..	..	..	..	4	1
344	47,438	951	20.1	296	6.2	5	10	16	41	16	40	15	10	11	1	27	37	29
345	2,841	72	25.3	13	4.6	..	..	..	1	..	1	..	..	1	..	..	5	..
346	2,246	43	19.1	8	3.6	..	..	..	2	..	..	..	..	1	..	1	2	2
347	4,591	106	23.2	32	7.0	..	4	1	4	..	2	3	2	..	..	3	7	1
348	1,227	21	15.1	9	6.5	..	..	2	1	..	1	..	..	..	1	..	2	2
349	1,832	48	23.2	11	6.0	..	..	1	..	..	1	..	..	..	..	..	1	2
350	1,751	44	25.1	16	9.1	..	..	..	2	..	1	1	..	2	..	..	3	..
351	2,981	70	23.5	18	6.1	..	1	..	2	..	3	1	..	..	..	1	7	2
352	1,803	56	27.6	6	3.3	..	..	..	1	..	..	2	..	..	..	..	4	1
361	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	293	9	30.8	2	6.8	..	..	..	..	..	..	..	1	..	..	..	1	..
364	744	17	22.8	1	1.3	..	..	..	..	..	..	1	..	..	..	..	1	1
365	451	13	28.8	5	9.8	..	..	..	2	..	..	1	..	..	..	..	2	..
366	2,423	82	33.8	22	9.1	..	..	3	2	..	..	2	2	1	1	2	7	..
367	2,820	83	29.4	20	7.1	1	..	1	1	..	2	6	3	..	..	..	7	4
368	2,426	61	25.1	18	7.5	..	1	1	2	..	..	..	4	..	1	..	4	..
369	3,109	99	31.9	19	6.1	..	1	..	2	..	2	..	..	..	..	2	3	1
370	4,774	116	24.3	33	6.9	1	1	1	3	..	3	4	2	4	..	1	6	3

371	3,604	103	28.6	29	8.0	..	..	1	2	2	1	7	..	..	1	2	10	2
372	2,872	69	24.0	16	5.6	..	1	..	1	..	1	1	1	..	..	2	6	..
373	3,045	90	29.6	22	7.2	..	..	..	..	..	1	6	..	..	..	5	7	4
374	5,207	191	36.6	55	10.6	3	2	2	2	1	7	5	5	..	2	6	17	5
375	2,624	53	20.2	13	5.0	..	1	..	1	..	3	..	2	..	1	..	2	..
376	2,284	62	27.2	11	4.8	..	..	..	1	..	..	..	1	1	2	..	3	2
377	1,751	48	27.2	8	4.6	..	2	..	..	..	1	3	..	..	..	..	2	1
378	1,119	18	16.1	3	2.9	..	..	..	..	1	..	..	..	1	..	..	..	1
379	2,065	47	20.2	14	6.8	..	..	..	2	1	4	1	..	..	..	..	3	2
380	2,022	52	25.7	19	9.4	..	..	..	..	..	2	3	..	2	..	..	10	1
381	2,454	45	18.4	19	7.8	..	..	..	..	1	1	3	..	1	1	..	5	2
382	3,597	139	38.7	30	8.4	2	..	1	1	2	6	3	1	..	..	..	9	3
391	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
393	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
394	275	12	43.7	2	7.3	..	..	..	..	..	..	..	1	..	..	..	2	..
395	1,094	37	34.0	3	2.7	..	..	..	2	..	..	..	..	..	..	..	..	1
396	1,459	39	26.8	9	6.2	..	..	1	1	..	1	..	1	1	1	..	1	1
397	1,858	56	30.2	14	7.5	..	..	1	..	1	2	2	..	1	..	..	6	2
398	2,771	51	18.8	20	7.2	..	1	2	2	..	2	1	..	2	1	1	6	2
399	2,224	56	15.2	18	8.1	..	..	1	1	..	..	2	..	2	..	2	6	4
400	2,409	32	13.3	8	3.3	..	..	..	1	1	..	..	..	1	..	..	1	2
401	4,423	138	31.3	48	10.8	..	..	..	3	1	3	12	6	2	..	1	17	2
402	2,926	70	21.3	22	7.5	..	..	..	1	..	3	1	5	2	..	2	7	2
403	5,726	175	30.6	32	6.3	..	1	..	3	1	1	3	2	..	2	1	16	7
404	3,907	118	30.2	32	8.2	..	..	..	1	..	4	4	1	2	..	3	9	1
405	2,679	76	28.4	14	5.2	..	1	..	..	..	..	1	2	..	1	2	4	..
406	2,221	44	19.8	23	10.4	..	1	1	3	2	6	4	1	..	..	..	3	1
408	1,795	25	13.9	11	6.1	..	..	4	..	..	1	..	1	..	..	..	4	2
409	2,997	80	26.8	13	4.9	..	..	1	1	..	2	1	..	2	..	..	4	3
410	2,376	69	29.1	15	6.4	..	..	1	2	1	3	..	1	..	..	2	4	2
411	1,626	32	19.7	10	6.1	..	1	..	2	..	4	..	..	..	..	..	1	1
421	30	1	33.4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
423	906	31	34.4	7	7.7	..	..	..	3	..	..	..	..	..	..	1	..	..
424	344	9	26.2	1	2.9	..	..	1	..	..	..	..	..	..	..	..	..	..
425	847	22	26.0	5	5.9	..	..	1	..	..	..	..	..	..	..	1	1	..
426	1,489	40	23.8	7	4.2	..	..	..	1	..	1	2	..	..	..	..	1	..
427	3,909	92	23.6	26	6.6	..	1	..	2	2	3	3	2	..	..	1	7	1
428	5,021	109	21.7	14	2.8	..	2	1	2	..	2	2	..	1	..	..	2	1
429	2,872	53	18.5	21	7.3	..	1	2	2	..	3	1	..	..	..	3	3	5
430	2,862	90	31.4	26	9.1	1	1	1	1	..	3	5	3	1	..	2	12	2

TABLE CXVII.—DEATHS IN MUNICIPALITIES (Including Cities, Towns and Villages), 1931. FROM THIRTEEN SELECTED CAUSES OF DEATH. (Residents Only.) ALSO Birth and Death Rates—*Continued.*

Rural Municipality or Unit No.	Population	Number of births Stillbirths excluded	Rate per 1,000	Number of deaths Stillbirths excluded	Rate per 1,000	10. Diphtheria	11. Influenza	23-32. Tuberculosis (all forms)	45-53. Cancer (all forms)	82-84. Cerebral apoplexy, paralysis mental alienation	90-95. Heart diseases	107-109. Pneumonia and Bronchopneumonia	119-120. Diarrhoea and enteritis	130-132. Nephritis (acute and chronic)	140-150. The puerperal state	176-194. Accidental deaths	Infant mortality	Stillbirths
431	3,571	115	32.2	33	9.2	..	3	5	2	..	2	3	1	1	1	..	12	3
434	3,846	89	23.2	27	7.0	..	1	..	..	2	4	1	2	..	1	3	7	2
435	4,237	92	21.7	24	5.7	..	2	1	1	..	3	3	3	..	1	..	9	4
436	2,491	54	21.7	15	6.0	..	..	1	1	..	2	..	..	..	2	1	4	1
437	8,057	152	18.9	62	7.7	2	4	4	3	..	7	2	3	1	2	5	9	8
438	3,099	106	34.2	31	10.0	..	3	3	..	..	1	2	..	2	1	2	9	1
439	2,051	50	24.4	10	5.0	..	..	1	..	..	..	..	..	1	1	..	2	1
440	1,742	40	23.0	4	2.3	..	..	..	..	..	1	..	..	..	..	..	..	..
442	1,464	22	15.0	7	4.8	..	..	..	..	..	1	1	..	..	..	..	1	1
451	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
453	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
454	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
455	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
456	1,752	74	42.1	17	9.7	..	1	1	1	1	..	1	1	..	..	1	6	1
457	3,665	97	26.5	12	3.3	..	..	..	..	..	2	1	..	..	1	..	3	2
458	3,745	92	24.6	29	7.7	..	..	..	3	..	7	4	3	..	..	..	10	1
459	3,686	113	30.7	41	11.1	..	2	8	6	..	6	5	..	2	..	..	9	6
460	2,695	69	25.6	17	6.3	..	2	..	..	..	4	1	..	..	1	..	3	1
461	13,955	273	22.1	103	7.4	..	9	6	9	3	19	7	2	1	3	6	19	11
463	2,459	72	29.3	29	10.4	..	3	7	1	3	1	4	1	..	..	1	9	3
464	2,830	53	18.7	24	8.5	..	2	1	1	1	2	2	1	2	..	..	11	1
465	1,716	38	22.2	12	7.0	..	..	1	2	..	2	3	..	..	..	..	1	..
466	2,132	68	32.0	10	4.7	..	..	..	2	1	..	1	..	..	..	1	3	2
467	2,060	52	25.2	9	3.9	..	..	1	1	..	1	..	..	1	..	2	1	2
468	2,229	69	31.0	11	4.9	..	..	2	..	..	1	..	..	1	..	2	..	1
469	1,727	60	34.8	14	8.1	..	..	2	4	..	1	..	1	1	..	1	3	..
470	1,058	22	20.8	8	7.6	..	..	..	1	..	3	..	..	..	..	2	1	..

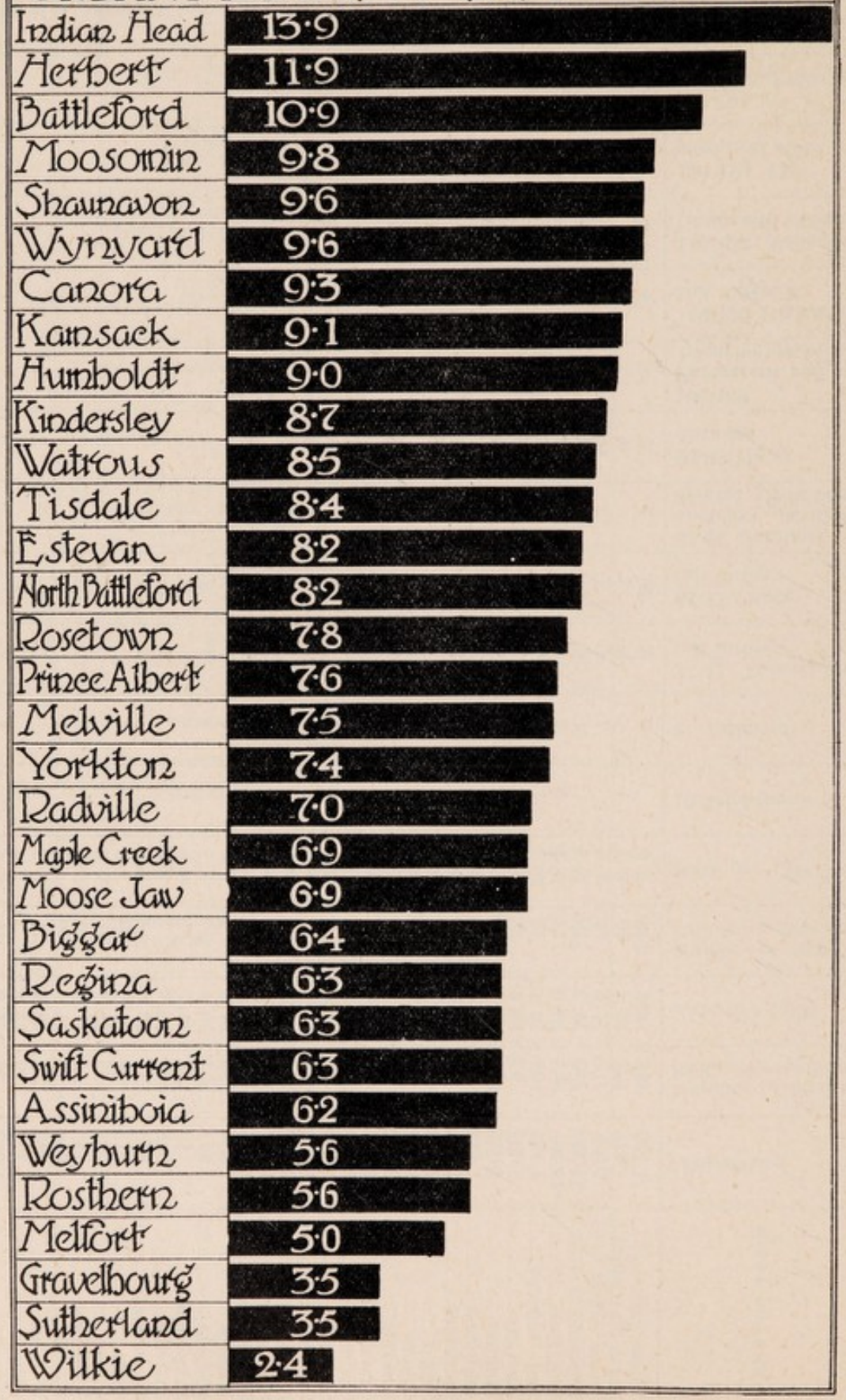
471	2,540	58	22.8	22	8.7	..	..	2	3	1	2	1	..	1	..	..	3	2
472	2,749	60	21.8	12	4.4	..	1	1	..	..	3	1	..	..	..	..	1	3
481	28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
483	12	1	83.4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
484	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
485	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
486	938	29	30.9	5	5.3	..	..	..	..	1	..	..	..	..	1	1	2	..
487	4,124	121	33.2	32	7.8	..	..	2	5	..	3	3	2	1	..	5	8	2
488	1,043	29	27.9	8	7.6	..	..	..	..	..	2	..	..	..	..	2	1	..
489	458	10	21.8	3	6.6	..	..	..	..	..	..	..	..	..	..	..	1	..
490	2,392	99	41.5	15	6.3	..	1	1	..	1	..	2	..	..	..	..	8	3
491	2,380	79	33.2	7	2.9	..	..	..	..	..	2	..	..	..	..	..	4	2
493	3,126	77	24.6	34	10.9	..	1	4	3	1	5	4	1	1	1	1	6	5
494	2,247	38	16.4	13	5.8	..	..	1	2	..	3	..	..	..	..	..	1	4
495	1,643	56	34.1	25	13.5	..	1	7	..	1	2	4	..	2	..	1	10	1
496	2,031	82	41.0	15	7.4	..	1	..	..	..	1	3	2	1	..	2	6	1
497	1,653	52	35.5	18	11.0	..	..	1	1	..	..	3	1	1	..	1	9	2
498	1,869	55	33.2	11	5.9	..	..	..	2	..	..	..	..	..	1	1	1	2
499	2,437	55	22.6	17	7.0	..	..	..	..	1	2	2	..	3	..	..	4	2
501	981	30	30.6	8	8.2	..	..	1	1	..	..	1	1	1	..	1	1	1
502	2,637	160	60.8	33	12.5	..	..	..	2	..	5	4	3	1	..	2	11	1
511	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
513	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
514	204	8	39.2	4	19.6	..	..	2	..	..	..	..	..	..	..	..	2	..
515	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
516	132	5	35.8	1	7.6	..	..	..	1	..	..	..	..	..	..	..	..	..
517	653	25	38.3	4	6.1	..	..	..	..	..	..	..	..	..	1	1	1	..
518	690	23	33.3	2	2.9	..	..	..	..	..	1	..	..	..	..	..	..	..
519	478	15	31.4	2	4.2	..	..	..	..	..	..	..	..	..	..	..	2	..
520	659	22	33.4	5	7.6	..	..	..	1	..	..	..	..	..	..	..	2	..
521	1,362	36	26.4	10	7.3	..	..	2	1	..	2	..	..	..	..	..	3	1
523	636	23	36.1	6	9.4	..	..	1	..	..	1	..	..	..	..	2	1	1
524	1,299	36	27.7	12	9.3	3	..	..	1	1	..	1	2	..	..	2	3	2
525	999	31	31.0	14	14.0	..	..	..	2	..	..	3	..	..	..	2	5	..
526	1,101	36	32.7	15	13.6	..	..	..	2	..	1	5	1	1	1	..	3	2
527	211	4	19.0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
528	817	9	11.0	2	2.5	..	..	1	..	..	..	..	1	..	..	..	1	..
529	1,152	29	25.2	8	7.0	..	..	..	1	..	..	..	..	..	..	..	3	1
531	1,899	70	36.9	15	7.9	..	..	2	2	2	1	..	1	..	2	2	4	2
532	901	25	27.7	9	10.0	..	..	3	..	..	..	2	..	..	..	1	3	1

TABLE CXVII—DEATHS IN MUNICIPALITIES (Including Cities, Towns and Villages) 1931. FROM THIRTEEN SELECTED CAUSES OF DEATH. (Residents Only). Also Birth and Death Rates—*Continued.*

Rural Municipality or Unit No.	Population	Number of births Stillbirths excluded	Rate per 1,000	Number of deaths Stillbirths excluded	Rate per 1,000	10. Diphtheria	11. Influenza	23-32. Tuberculosis (all forms)	45-53. Cancer (all forms)	82-84 Cerebral apoplexy, paralysis mental alienation	90-95. Heart diseases	107-109. Pneumonia and Bronchopneumonia	119-120. Diarrhœa and enteritis	130-132. Nephritis (acute and chronic)	140-150. The puerperal state	176-194. Accidental deaths	Infant mortality	Stillbirths
555	1,074	27	25.1	9	8.4	1	..	..	..	1	..	..	..	1	1	..	1	..
556	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
557	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
558	93	1	10.8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
559	890	28	31.4	9	10.1	1	..	1	..	..	1	1	..	2	..	..	3	..
561	76	1	13.2	1	13.2	..	..	1	..	..	..	..	..	..	..	..	..	..
562	100	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
587	226	2	8.9	2	8.9	..	..	..	1	..	..	..	..	..	..	..	..	..
588	2,202	74	33.6	14	6.4	1	..	..	1	1	..	..	..	1	..	3	5	2
589	339	8	23.6	2	5.9	..	..	1	..	..	..	..	..	..	..	..	1	..
591	97	6	61.8	1	10.3	..	..	..	..	..	..	..	..	..	..	..	..	..
592	157	4	25.5	2	12.8	..	..	..	..	..	..	..	2	..	..	..	2	..
Northern District	6,490	210	32.4	84	13.2	..	13	26	..	..	1	11	4	..	3	4	20	1

Cities and Towns	Population	Number of births Stillbirths excluded	Rate per 1,000	Number of deaths stillbirths excluded	Rate per 1,000	10 Diphtheria	11 Influenza	23-32 Tuberculosis (all forms)	45-53 Cancer (all forms)	82-84 Cerebral apoplexy, paralysis mental alienation	90-95 Heart diseases	107-109 Pneumonia and bronchopneumonia	119-120 Diarrhœa and enteritis	130-132 Nephritis (acute and chronic)	140-150 The puerperal state	176-194 Accidental deaths	Infant mortality	Stillbirths
Moose Jaw	21,299	358	16.8	146	6.9	..	9	8	20	7	21	8	3	2	1	9	29	11
North Battleford	5,986	108	18.1	49	8.2	1	4	4	3	..	6	2	3	1	1	3	8	3
Prince Albert	9,905	214	21.6	75	7.6	..	7	5	7	2	16	4	1	..	3	3	14	10
Regina	53,209	1,230	23.2	333	6.3	..	11	24	46	16	44	24	4	8	5	18	55	37
Saskatoon	43,291	893	20.6	273	6.3	5	9	16	37	15	38	11	8	11	1	22	33	26
Swift Current	5,296	108	20.4	34	6.3	1	1	4	6	..	3	1	4	1	1	3	7	2
Weyburn	5,002	92	18.4	28	5.6	..	..	1	3	..	5	1	..	..	..	1	8	3
Yorkton	5,027	104	20.7	37	7.4	..	4	1	2	..	4	2	4	2	2	2	9	6
Assiniboia	1,454	29	20.4	9	6.2	..	..	2	2	..	..	..	..	..	1	1	1	2
Battleford	1,096	35	32.0	12	10.9	..	1	1	..	..	1	1	..	1	..	2	3	..
Biggar	2,369	42	17.7	15	6.4	..	2	..	2	..	2	..	..	..	..	2	1	1
Canora	1,179	41	34.7	11	9.3	..	..	1	1	..	..	..	1	1	..	..	3	2
Estevan	2,936	65	22.1	24	8.2	..	..	1	3	..	3	..	1	3	1	3	6	..
Gravelbourg	1,137	41	36.6	4	3.5	..	..	..	..	..	..	1	..	..	1	..	1	1
Herbert	1,009	26	25.8	12	11.9	..	1	..	1	2	1	..	..	2	..	1	1	2
Humboldt	1,899	47	28.0	17	9.0	1	1	..	1	..	3	..	..	4	..	..	3	..
Indian Head	1,438	19	13.2	20	13.9	..	..	..	4	1	5	1	..	..	..	2	3	2
Kamsack	2,087	31	13.2	19	9.1	..	1	1	2	3	2	4	..	..	..	..	8	1
Kindersley	1,037	15	14.5	9	8.7	..	..	1	2	..	..	..	..	1	1	1	1	..
Maple Creek	1,154	19	16.5	8	6.9	..	..	..	..	1	3	1	..	1	..	..	2	2
Melfort	1,809	50	24.5	9	5.0	..	..	..	2	..	..	1	..	..	..	..	..	2
Melville	3,891	103	26.4	29	7.5	..	4	3	1	..	2	1	1	..	..	3	11	1
Moosomin	1,119	27	24.2	11	9.8	..	..	..	3	1	2	1	..	..	..	..	..	2
Radville	1,005	17	16.9	7	7.0	..	..	1	..	..	1	2	..	1	..	..	1	..
Rosetown	1,553	31	20.0	12	7.8	..	..	1	2	1	3	..	..	1	..	1	..	4
Rosthern	1,412	38	26.9	9	5.6	..	1	..	2	..	1	1	..	..	..	..	2	1
Shaunavon	1,761	55	31.2	15	9.6	..	..	..	1	..	3	2	..	1	..	1	4	..
Sutherland	1,148	13	11.3	4	3.5	..	..	..	2	..	1	..	..	..	..	..	..	..
Tisdale	1,069	27	25.3	9	8.4	..	1	..	..	..	1	1	1	..	..	..	3	..
Watrous	1,303	21	18.1	11	8.5	..	..	1	..	2	2	..	..	2	..	..	1	..
Wilkie	1,222	29	23.8	3	2.4	..	..	..	..	..	1	..	..	..	..	..	1	2
Wynyard	1,042	26	25.0	10	9.6	..	1	1	..	..	2	..	1	..	..	..	3	1
Total	186,144	3,954	..	1,264	...	..	..	..	..	..	..	..	..	..	..	..	..	..

DIAGRAM - XXI -
URBAN MORTALITY - SASKATCHEWAN - 1931



AGRAM - XXII -
IBERCULOSIS. 1931 .

Number 326
Rate 35·4

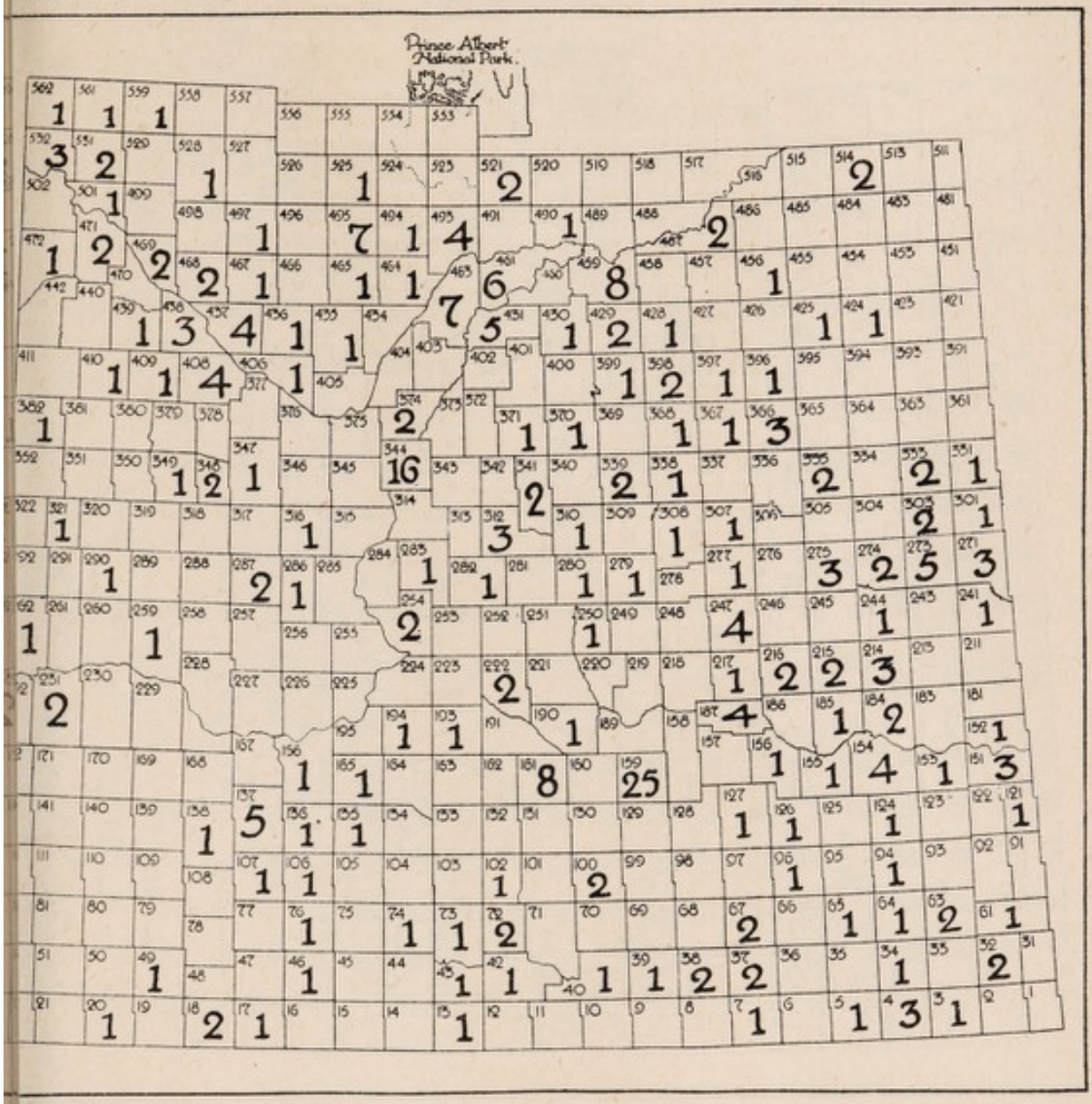
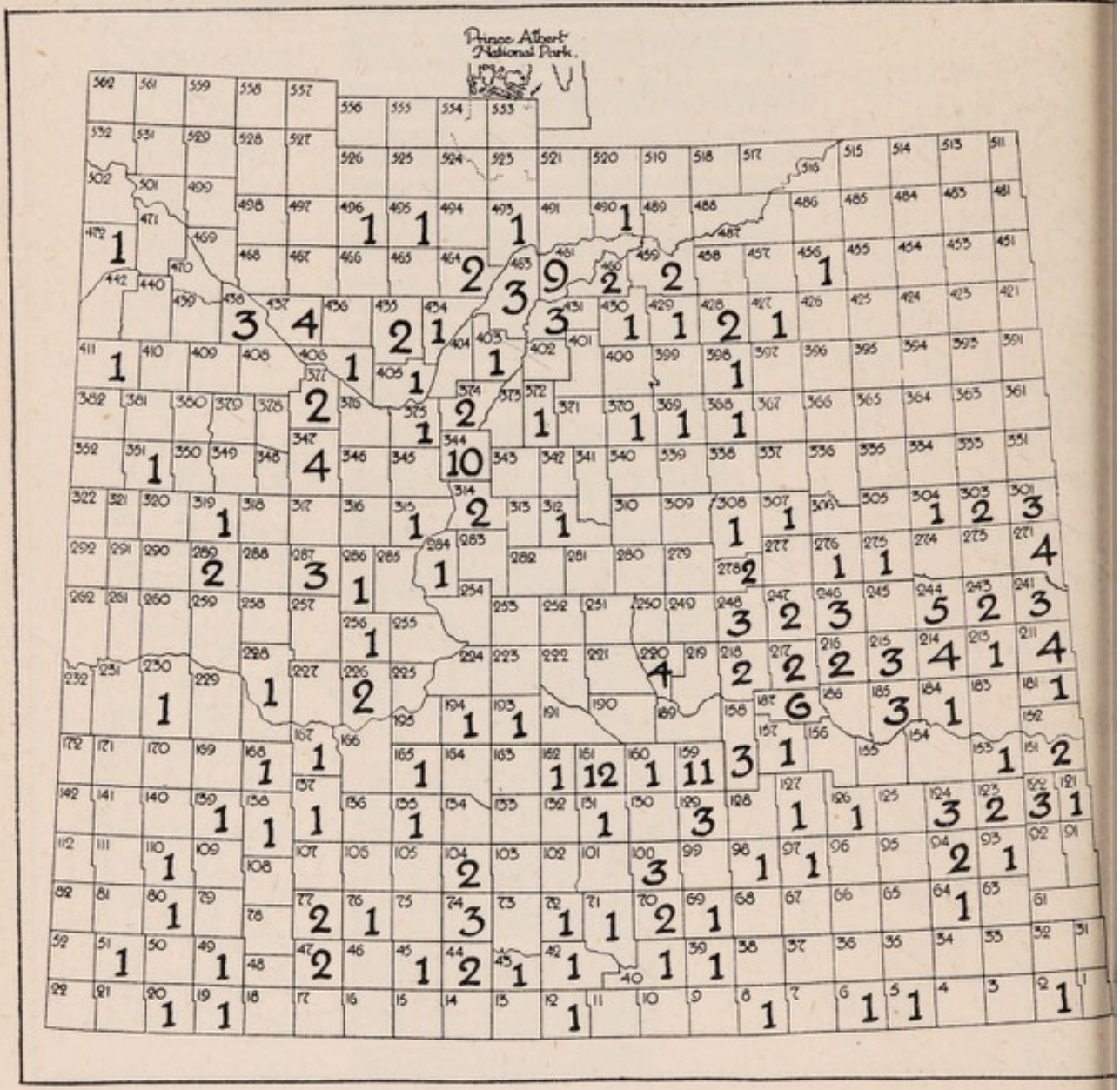


DIAGRAM · XXIII · Number 25
INFLUENZA . 1931 . Rate 27.



IAGRAM·XXIV· Number 585
ANCER·1931· Rate 63·5

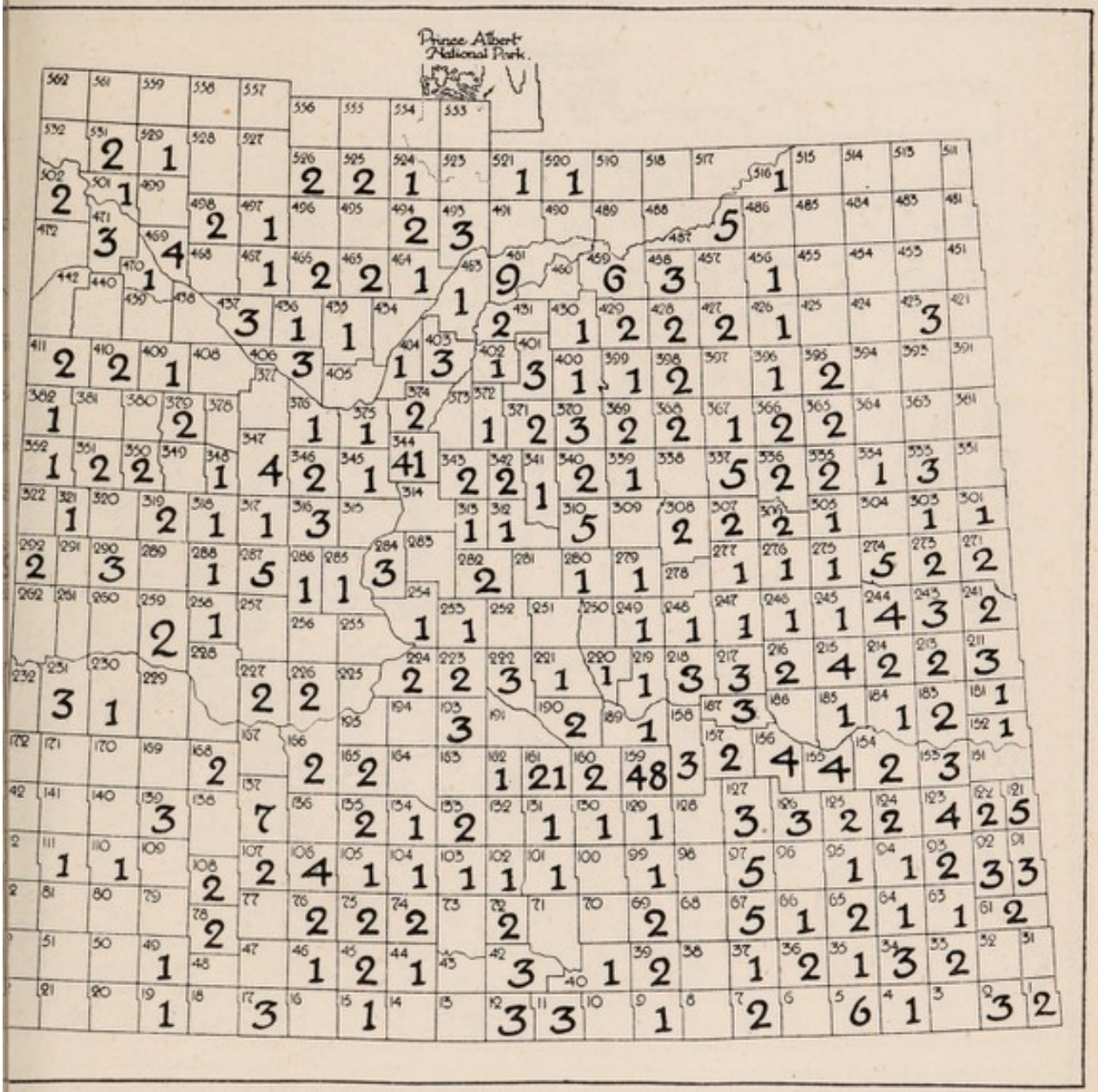
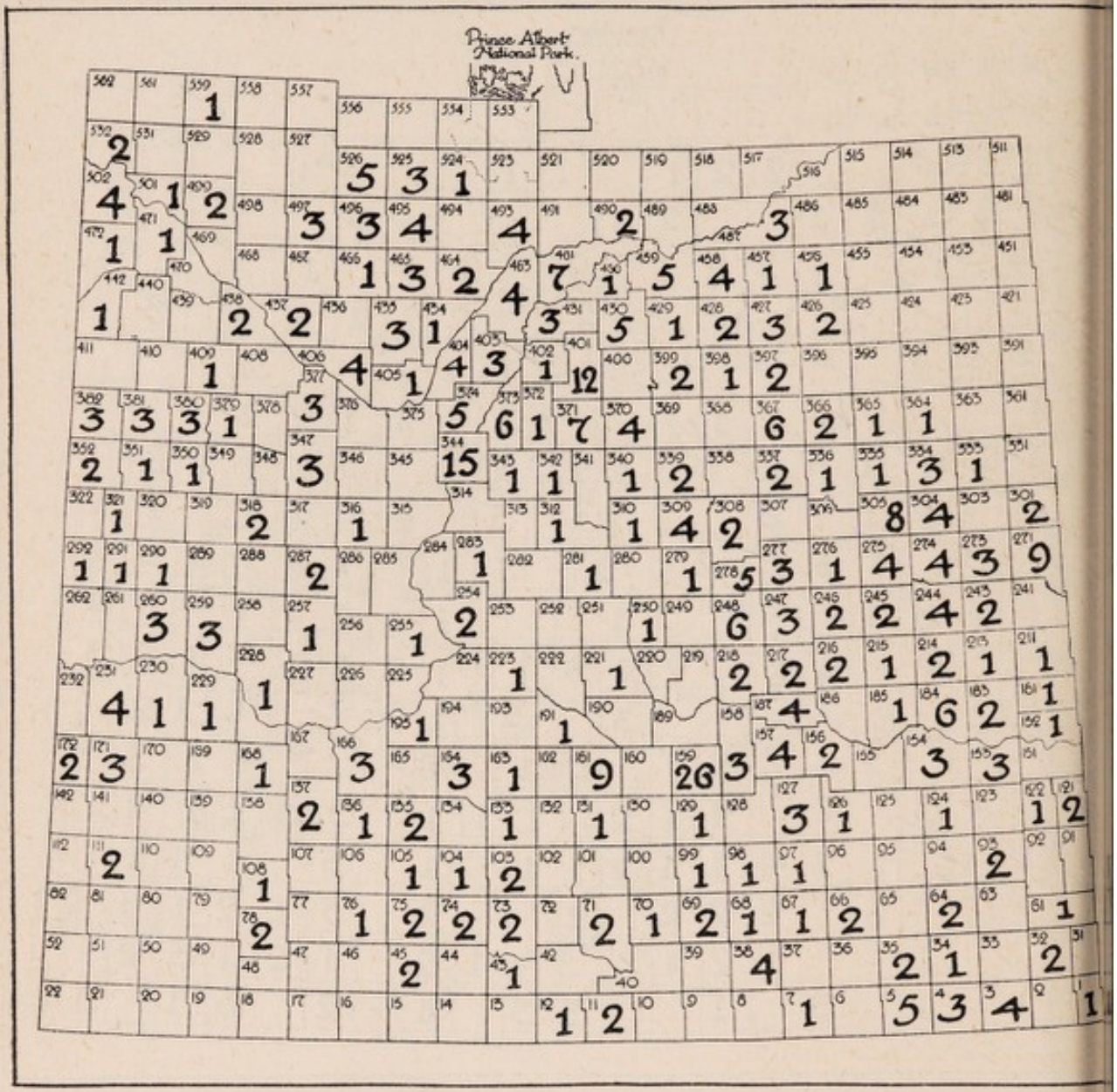


DIAGRAM - XXV - Number 49
PNEUMONIA - 1931 - Rate 54



AGRAM - XXVI - Number 656
ART DISEASES .1931. Rate 71·2

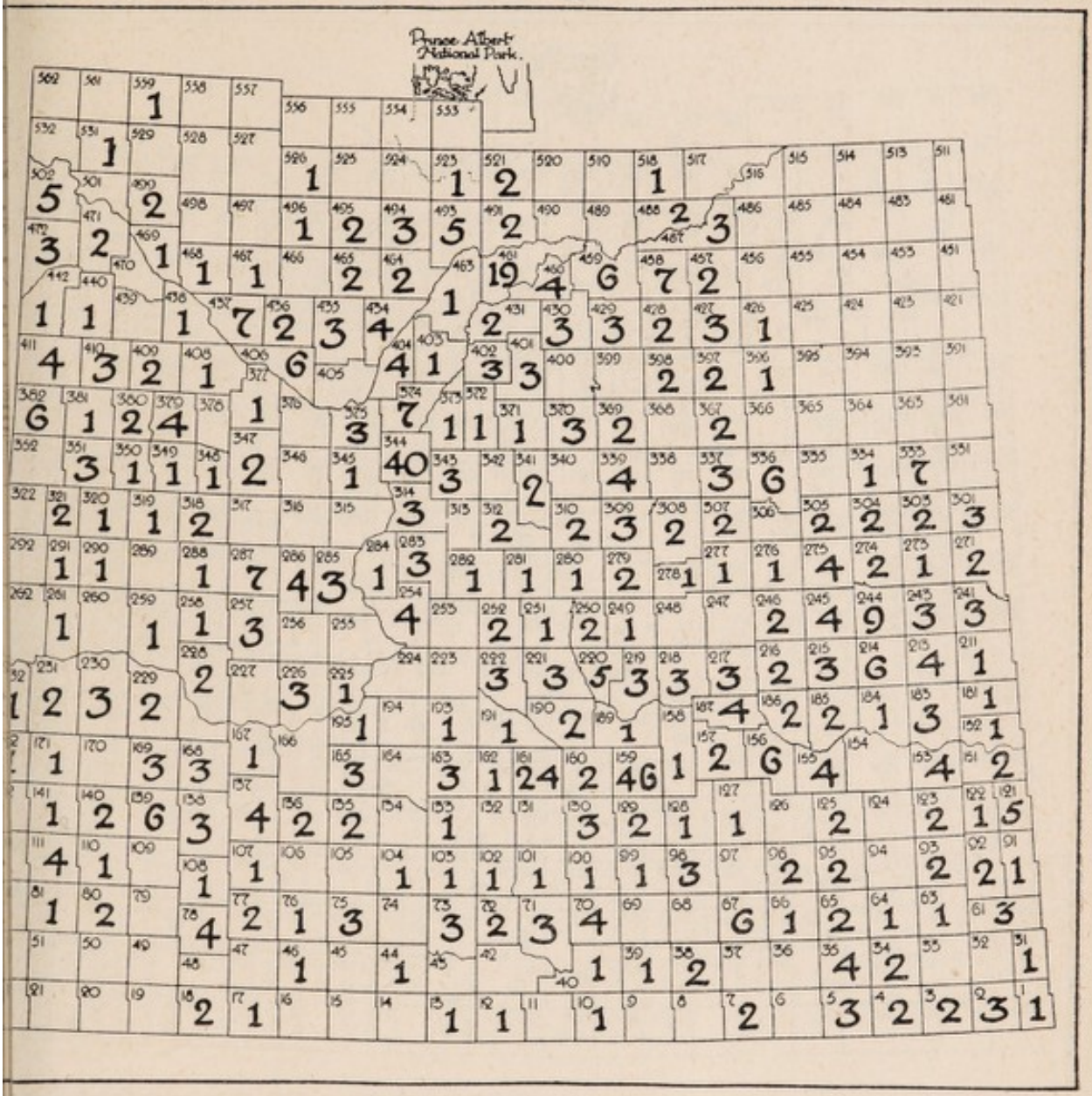
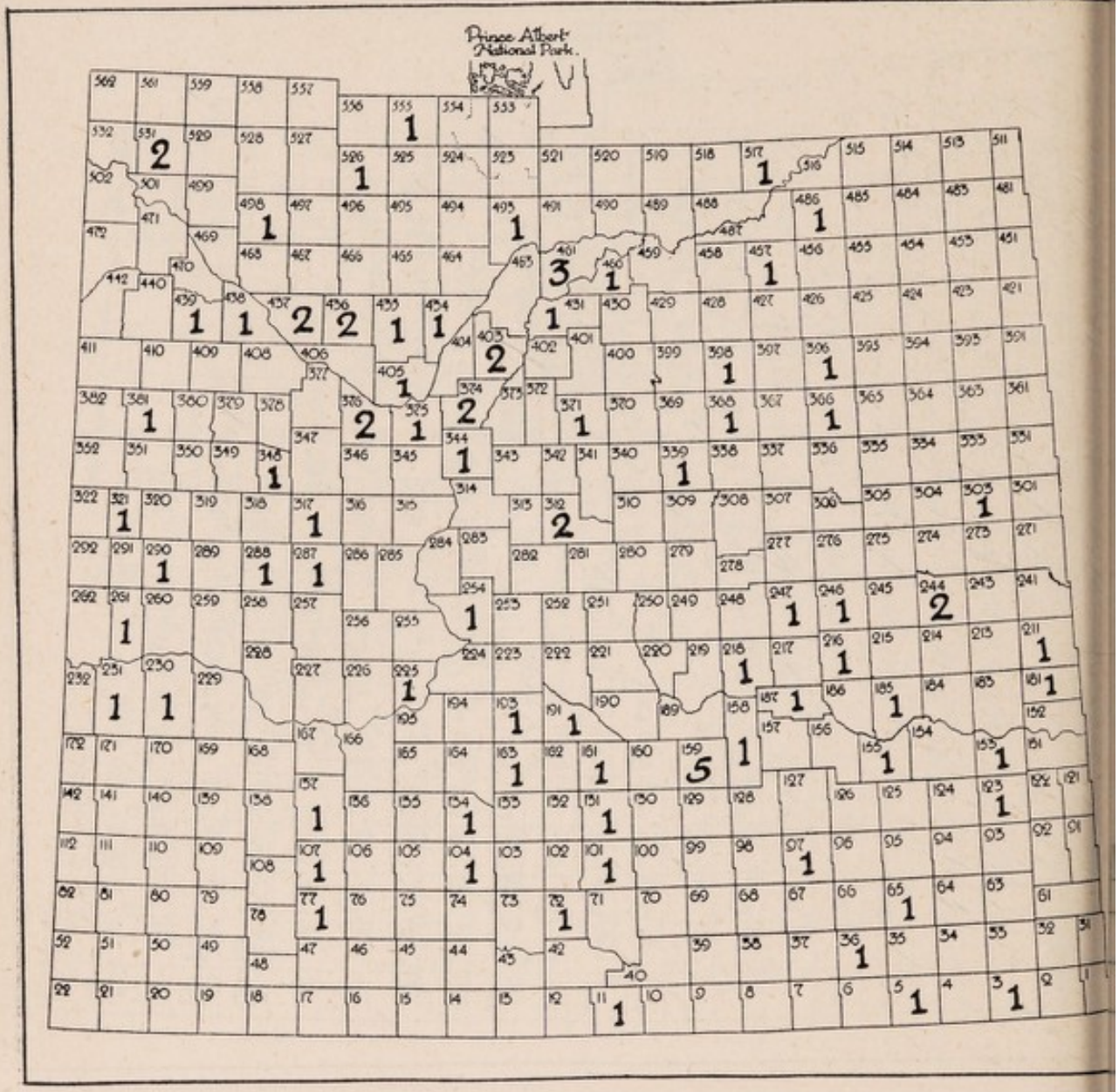


DIAGRAM · XXVII · Number 93
MATERNAL MORTALITY · 1931 · Rate 10



IAGRAM - XXVIII - Number 1463
FANT MORTALITY. 1931. Rate 68·6

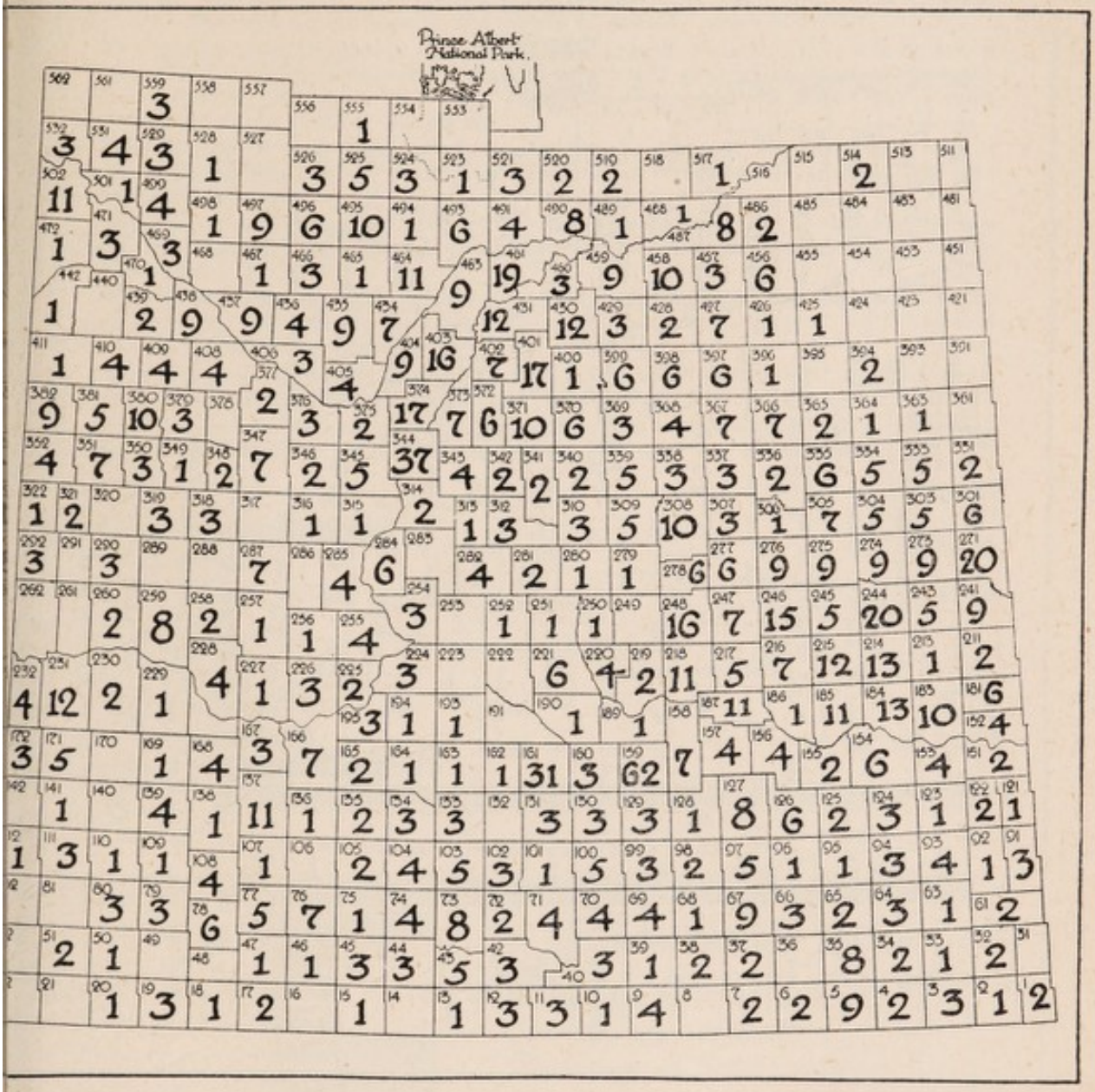
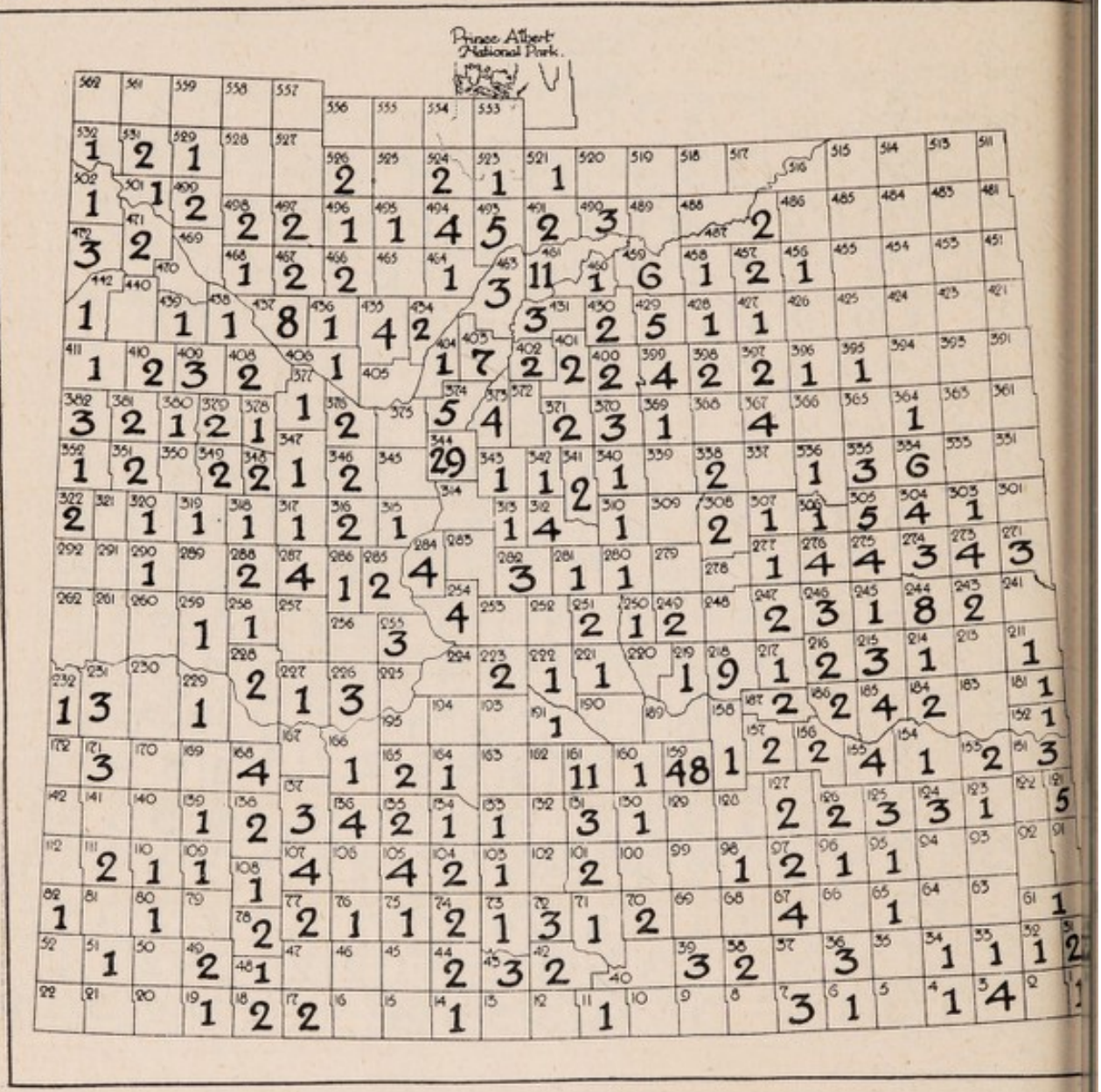


DIAGRAM · XXIX · STILLBIRTHS · 1931 ·

Number 57
Rate 62·



MORTALITY TABLES.

The general mortality statistics are given in Tables CXVIII and CXIX. The first mentioned table gives the conjugal condition, nativity, and month. The second table gives the sex and the age. Stillbirths are not included in these tables.

The rates given in Diagram XXX are based on the actual population of each period, not the total population of the province. In 1930 the rate for the period under five years of age was 17.6. In 1931 the rate was 17.2. The rate for the period over 70 years of age in 1930 was 89.3. In 1931, it was 73.1, a decrease of 18 per cent.

The percentage of the deaths in each period to the total deaths in the province is given in Diagram XXXI. In the period under one year there was a slight decrease in 1931 and an increase in the period of seventy years and over.

The history of each disease for the ten year period, 1922 to 1931, will be found in Table CXX. It is encouraging to note the almost general decrease in the rate for the epidemic diseases. Whooping cough is the one that shows the largest increase in the death rate for the period.

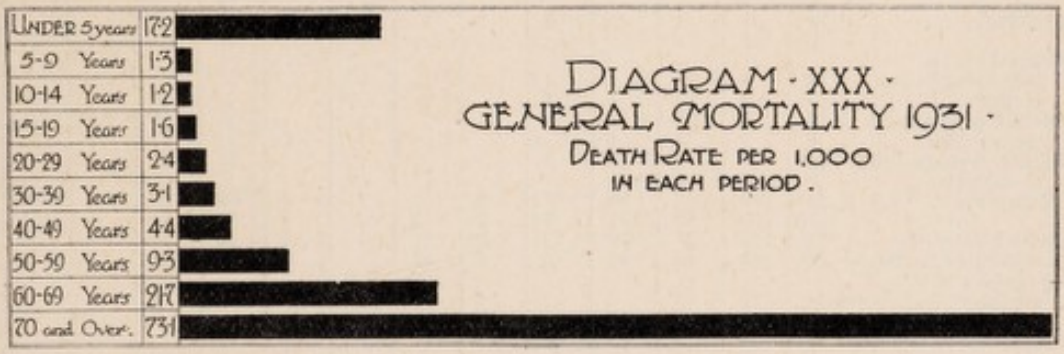
The diseases of the nervous system also show a general decrease, only two of this classification increased, namely epilepsy, and the diseases of the ear and mastoid process.

The results are not so satisfactory in the diseases classified as the circulatory system. In nearly every case increases are shown. The heart diseases increased by 55 per cent.

Among the diseases of the digestive system, diarrhœa and enteritis show the largest decrease, while in the diseases of the genito-urinary system, nephritis and diseases of the prostate increased.

Three causes connected with early infancy, viz., congenital malformation, congenital debility, and premature births, decreased very materially.

The new classification requires an independent classification for accidental deaths. These are given under the proper title, following list number 200.



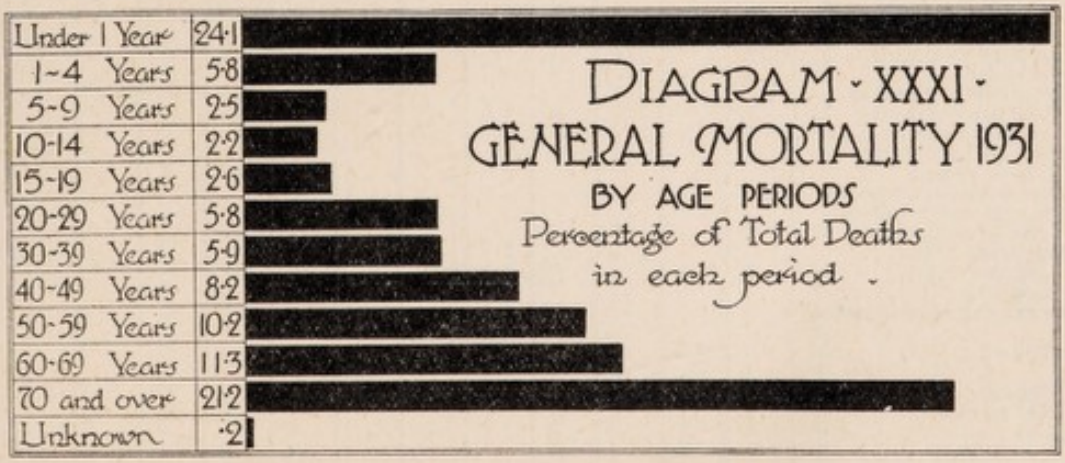


TABLE CXVIII.—CAUSES OF DEATH FOR EACH SEX BY CONJUG

Int. List No.	CAUSES OF DEATH		Total	Conjugal Condition												
					Single					Married					Wid-owed	No state
				Und'r 15 years	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated		
	Deaths—All Causes	total	6,006	2,092	290	185	148	92	6	57	537	916	824	5	912	
		M.	3,443	1,180	187	146	125	69	6	11	245	549	537	3	385	
		F.	2,623	912	103	39	23	23	..	46	292	367	287	2	528	
	Class I—Infectious and parasitic diseases	total	820	367	90	45	17	5	..	17	109	70	39	2	59	
		M.	419	193	48	33	15	3	..	5	44	37	22	1	18	
		F.	401	174	42	12	2	2	..	12	65	33	17	1	41	
1.	Typhoid fever	M.	15	1	3	3	1	..	..	1	3	..	1	..	2	
		F.	10	2	3	..	..	..	..	1	..	3	1	..	..	
7.	Measles	M.	10	10	..	..	..	..	..	..	..	..	..	..	..	
		F.	7	5	..	1	..	..	..	..	1	..	..	..	..	
8.	Scarlet fever	M.	9	8	1	..	..	..	..	..	..	..	..	..	..	
		F.	6	5	1	..	..	..	..	..	..	..	..	..	..	
9.	Whooping cough	M.	26	26	..	..	..	..	..	..	..	..	..	..	..	
		F.	28	28	..	..	..	..	..	..	..	..	..	..	..	
10.	Diphtheria	M.	23	21	2	..	..	..	..	..	..	..	..	..	..	
		F.	16	12	1	..	..	..	..	1	1	1	..	..	..	
11.	Influenza	M.	109	51	6	3	1	2	..	..	8	14	16	..	8	
		F.	142	62	4	2	1	1	..	3	21	12	11	..	25	
	(*a*) Sole cause	M.	18	14	1	..	..	..	..	..	..	..	1	..	2	
		F.	25	15	..	..	..	..	..	..	1	..	3	..	6	
	(*b*) With bronchitis	M.	3	3	..	..	..	..	..	..	..	..	..	..	..	
		F.	5	3	..	..	..	..	..	..	..	..	2	..	..	
	(*c*) With pneumonia	M.	48	23	4	2	1	..	..	..	5	7	4	..	2	
		F.	64	32	2	2	..	1	..	2	12	3	3	..	7	
	(*d*) With other respiratory diseases	M.	7	..	1	1	..	1	..	..	1	..	2	..	1	
		F.	9	1	..	..	..	..	..	1	1	2	1	..	3	
	(*f*) With intestinal complications	M.	4	2	..	..	..	..	..	..	..	1	..	..	1	
		F.	7	1	..	..	..	..	..	..	2	1	1	..	2	
	(*f*) With other causes	M.	29	9	..	..	..	1	..	..	2	6	9	..	2	
		F.	32	10	2	..	1	..	..	..	5	6	1	..	7	
13.	Dysentery	M.	8	7	..	..	..	..	..	..	..	..	1	..	..	
		F.	11	7	..	..	..	..	..	..	2	1	1	..	..	
15.	Erysipelas	M.	12	6	..	1	1	..	..	..	3	1	..	..	..	
		F.	5	1	..	..	..	..	..	..	2	1	..	..	1	
16.	Poliomyelitis and polioencephalitis (acute)	M.	6	5	..	1	..	..	..	..	..	..	..	..	..	
		F.	5	2	1	1	..	..	..	..	..	..	1	..	..	
17.	Epidemic or lethargic encephalitis	M.	3	1	..	1	..	..	..	..	..	1	..	..	..	
		F.	2	1	1	..	..	..	..	..	..	..	..	..	..	
18.	Epidemic cerebrospinal meningitis	M.	9	7	1	1	..	..	..	..	..	..	..	..	..	
		F.	4	4	..	..	..	..	..	..	..	..	..	..	..	
23–32.	Tuberculosis	M.	174	47	34	21	9	1	..	4	28	17	4	1	8	
		F.	152	40	31	7	1	1	..	7	35	13	4	1	12	
23.	Tuberculosis of the respiratory system	M.	141	25	29	20	8	1	..	4	26	16	3	1	8	
		F.	118	22	28	3	..	1	..	6	33	10	2	1	12	
24.	Tuberculosis of the meninges and central nervous system	M.	19	15	2	..	..	..	..	..	1	1	..	..	..	
		F.	17	13	2	1	1	..	..	..	..	..	..	..	..	
25.	Tuberculosis of the intestines and peritoneum	M.	4	2	2	..	..	..	..	..	..	..	..	..	..	
		F.	10	5	1	..	..	..	..	1	1	1	1	..	..	
26.	Tuberculosis of the vertebral column	M.	3	3	..	..	..	..	..	..	..	..	..	..	..	
		F.	2	..	..	1	..	..	..	..	..	..	1	..	..	
27.	Tuberculosis of the bones and joints (vertebral column excepted)	M.	1	..	..	1	..	..	..	..	..	..	..	..	..	
	(*b*) Of joints	M.	1	..	..	1	..	..	..	..	..	..	..	..	..	
28.	Tuberculosis of the skin and sub-cutaneous cellular tissue	M.	1	..	..	..	1	..	..	..	..	..	..	..	..	
		F.	1	..	..	..	..	..	..	..	..	1	..	..	..	
29.	Tuberculosis of the lymphatic system (mesenteric, retroperitoneal and bronchial glands excepted)	M.	1	..	1	..	..	..	..	..	..	..	..	..	..	
30.	Tuberculosis of the genito-urinary system	M.	1	..	..	..	..	..	..	..	..	..	1	..	..	
		F.	2	..	..	1	..	..	..	..	..	1	..	..	..	
32.	Disseminated tuberculosis	M.	3	2	..	..	..	..	..	..	1	..	..	..	..	
		F.	2	..	..	1	..	..	..	..	1	..	..	..	..	
	(*a*) Acute	M.	2	2	..	..	..	..	..	..	..	..	..	..	..	
		F.	1	..	..	..	..	..	..	..	1	..	..	..	..	
	(*b*) Chronic	F.	1	..	..	1	..	..	..	..	..	..	..	..	..	
	(*c*) Not specified	M.	1	..	..	..	..	..	..	..	1	..	..	..	..	
34.	Syphilis	M.	6	2	..	1	2	..	..	..	..	1	..	..	..	
		F.	6	2	..	1	..	..	..	..	2	1	..	..	..	
36.	Purulent infection, septicaemia (non-puerperal)	M.	5	..	..	..	1	..	..	..	1	3	..	..	..	
		F.	3	1	..	..	..	..	..	..	1	..	..	..	1	
39.	Other diseases due to protozoal parasites	M.	1	1	..	..	..	..	..	..	..	..	..	..	..	
43.	Mycoses	M.	3	..	1	1	..	..	..	..	1	..	..	..	..	

NDITION, NATIVITY AND MONTH OF DEATH, 1931.

Nativity					Months												Int. List No.
		Foreign															
nada	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
662	772	395	1,212	25	525	500	588	565	533	463	492	439	446	506	523	486	
032	445	235	712	19	284	280	317	315	323	250	286	262	244	282	308	292	
630	327	160	500	6	241	220	271	250	210	213	206	177	202	224	215	194	
586	70	46	117	1	67	80	129	96	75	72	48	38	51	41	65	58	
294	40	20	64	1	38	39	66	44	42	36	23	17	23	23	33	35	
292	30	26	53	..	29	41	63	52	33	36	25	21	28	18	32	23	
9	..	2	4	..	..	..	..	2	..	..	3	..	4	2	1	3	1
8	..	..	2	..	..	..	1	..	..	..	1	3	2	1	2	..	
10	..	..	..	..	..	1	3	..	2	1	..	..	..	..	1	2	7
6	..	1	..	..	..	..	..	2	..	2	..	1	..	..	1	1	
7	1	..	1	..	1	2	..	..	1	1	..	..	..	..	1	4	8
5	..	1	..	..	1	1	..	1	1	1	..	..	..	1	..	..	
26	..	..	..	..	2	3	6	7	1	1	2	..	1	2	1	..	9
28	..	..	..	..	2	4	4	6	1	3	2	1	1	..	4	..	
23	..	..	..	..	2	4	4	..	1	..	..	2	..	1	5	4	10
14	..	2	..	..	1	1	2	3	..	..	..	..	3	3	1	2	
73	15	8	13	..	11	15	30	18	11	5	4	1	2	2	5	5	11
99	18	8	17	..	12	20	43	23	12	5	5	2	4	2	8	6	
15	3	..	..	..	2	4	4	2	1	2	..	..	1	..	1	1	11*a*
18	3	1	3	..	..	5	11	3	2	1	2	1	..	..	..	..	
3	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	11*b*
5	..	..	..	..	1	1	3	..	..	..	..	..	..	..	..	..	
35	4	3	6	..	5	6	14	9	5	1	2	..	..	1	3	2	11*c*
50	9	1	4	..	6	8	19	14	5	1	1	..	2	1	5	2	
3	2	2	..	..	2	..	2	..	1	..	..	..	..	1	1	..	11*d*
4	3	..	2	..	1	..	2	1	..	1	1	1	..	..	1	1	
2	1	1	..	..	1	1	..	..	1	..	..	1	..	..	..	..	11*e*
6	..	..	1	..	1	..	2	1	1	..	..	..	2	..	..	..	
15	5	2	7	..	1	4	8	6	3	2	2	..	1	..	..	2	11*f*
16	3	6	7	..	3	6	6	4	4	2	1	..	..	1	2	3	
7	1	..	..	..	1	1	..	1	..	..	1	..	1	2	1	..	13
8	1	..	2	..	1	..	1	1	1	2	..	1	1	3	..	..	
7	1	3	1	..	2	2	3	..	..	2	..	1	..	..	2	..	15
2	..	..	3	..	1	..	..	..	..	1	1	1	1	..	..	..	
6	..	..	..	..	..	..	2	1	..	2	..	1	..	..	..	..	16
4	..	1	..	..	..	..	..	..	..	2	1	..	..	..	1	1	
1	1	..	1	..	..	..	..	..	..	1	1	1	..	..	..	..	17
2	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	
8	..	..	1	..	..	..	..	..	..	1	..	..	2	1	..	5	18
4	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	1	
107	20	7	39	1	15	9	18	14	26	21	12	11	13	11	13	11	23–32
105	10	10	27	..	10	13	10	14	17	17	13	11	16	7	13	11	
80	19	6	35	1	7	7	15	13	21	19	9	11	12	9	9	9	23
76	8	7	27	..	7	11	9	10	12	14	11	7	14	6	9	8	
18	..	1	..	..	4	..	3	..	3	1	1	..	..	2	3	2	24
15	..	2	..	..	2	1	..	2	5	..	..	2	..	..	3	2	
3	..	..	1	..	1	1	..	..	..	..	1	..	..	..	1	..	25
9	1	..	..	..	1	1	..	..	..	1	2	1	2	1	..	1	
3	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	26
1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1	..	
..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	27
..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	27*b*
..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	28
..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	
1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	29
..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	30
2	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	
2	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	32
2	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	
2	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	32*a*
1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	
1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	32*b*
..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	32*c*
3	1	..	2	..	1	2	..	..	..	1	..	..	..	..	2	..	34
3	..	2	1	..	..	..	1	1	..	1	..	1	..	..	1	1	
4	..	..	1	..	2	..	..	..	..	1	..	..	..	1	..	1	36
2	..	..	1	..	..	1	1	..	1	..	..	..	..	..	..	..	
1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	39
2	..	..	1	..	..	..	..	1	..	..	..	..	..	1	1	..	43

TABLE CXVIII—CAUSES OF DEATH FOR EACH SEX BY CONJUGA

Int. List No.	CAUSES OF DEATH		Total	Conjugal Condition												
					Single					Married					Widowed	Not stated
				Und'r 15 years	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated		
44.	Other infectious or parasitic diseases	F.	4	2	..	..	..	..	..	..	..	..	..	..	2	..
	(a) Chicken-pox	F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
	(c) Others under this title	F.	3	1	..	..	..	..	..	..	..	..	..	..	2	..
	Class II—Cancer and other tumours	total	616	14	7	15	31	12	1	1	53	221	152	1	108	..
		M.	346	6	4	13	23	9	1	1	23	116	105	1	44	..
		F.	270	8	3	2	8	3	..	..	30	105	47	..	64	..
45–53.	Cancer and other malignant tumours	M.	330	5	3	13	23	9	1	1	20	110	103	1	41	..
		F.	255	7	2	2	8	3	..	..	26	99	45	..	63	..
45.	Cancer of the buccal cavity and pharynx	M.	20	1	..	..	1	2	..	..	..	4	7	..	5	..
		F.	2	..	..	..	..	..	..	..	..	1	1	..	..	..
46.	Cancer of the digestive tract and peritoneum	M.	207	..	1	8	13	4	1	1	10	75	70	1	23	..
		F.	116	1	1	..	4	..	..	..	10	42	26	..	32	..
	(a) Of the oesophagus	M.	6	..	..	..	..	..	..	..	..	3	2	..	1	..
		F.	4	..	..	..	..	..	..	..	1	2	..	..	1	..
	(b) Of the stomach and duodenum	M.	138	..	..	3	10	4	..	..	8	51	45	1	16	..
		F.	45	..	..	..	1	..	..	..	4	18	13	..	9	..
	(c) Of the rectum	M.	8	..	..	1	..	..	..	..	..	5	2	..	..	..
		F.	6	..	..	..	1	..	..	..	1	2	1	..	1	..
	(d) Of the liver and biliary ducts	M.	23	..	..	1	1	..	1	..	1	6	9	..	4	..
		F.	28	1	..	..	1	..	..	..	2	7	8	..	9	..
	(e) Of the pancreas	M.	5	..	..	1	..	..	..	..	..	3	1	..	..	..
		F.	6	..	..	..	1	..	..	..	..	2	1	..	2	..
	(f) Of the peritoneum	F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
	(g) Of other organs	M.	27	..	1	2	2	..	..	1	1	7	11	..	2	..
		F.	26	..	1	..	..	..	..	..	2	10	3	..	10	..
47.	Cancer of the respiratory organs	M.	20	1	..	2	2	..	..	..	4	5	4	..	2	..
		F.	3	..	..	..	..	..	..	..	..	3	..	..	..	..
	(a) Of the larynx	M.	3	..	..	..	..	..	..	..	..	2	1	..	..	..
	(b) Of the lung	M.	16	1	..	2	2	..	..	..	3	3	3	..	2	..
	(c) Of the mediastinum	M.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
		F.	3	..	..	..	..	..	..	..	..	3	..	..	..	..
48.	Cancer of the uterus	F.	44	..	..	1	1	1	..	..	6	17	7	..	11	..
	(a) Of the uterus	F.	31	..	..	..	1	1	..	..	4	10	4	..	11	..
	(b) Of the cervix uteri	F.	13	..	..	1	..	..	..	..	2	7	3	..	..	..
49.	Cancer of other female genital organs	F.	9	..	..	..	..	1	..	..	2	4	..	..	2	..
50.	Cancer of the breast	M.	1	..	..	..	..	1	..	..	..	..	..	..	..	..
		F.	53	..	..	1	2	1	..	..	6	24	7	..	12	..
51.	Cancer of the male genito-urinary organs	M.	44	1	..	1	1	..	..	..	2	17	14	..	8	..
	(a) Of the bladder	M.	12	..	..	..	1	..	..	..	1	4	3	..	3	..
	(b) Of the kidney	M.	4	1	..	..	..	..	..	..	..	2	..	..	1	..
	(c) Of the prostate gland	M.	24	..	..	..	..	..	..	..	..	9	11	..	4	..
	(d) Of the testicle	M.	4	..	..	1	..	..	..	..	1	2	..	..	..	..
52.	Cancer of the skin	M.	5	..	..	..	1	..	..	..	..	1	2	..	1	..
		F.	1	..	..	..	..	..	..	..	..	..	1	..	..	..
53.	Cancer of other or not specified organs	M.	33	2	2	2	5	2	..	..	4	8	6	..	2	..
		F.	27	6	1	..	1	..	..	..	2	8	3	..	6	..
	(a) Of the eye and orbit	M.	1	..	..	..	..	1	..	..	..	..	..	..	..	..
		F.	3	1	..	..	1	..	..	..	..	..	..	..	1	..
	(c) Of the lymphatic system	M.	10	..	..	1	3	..	..	..	1	3	1	..	1	..
		F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
	(d) Of the female urinary organs	F.	6	1	..	..	..	..	..	..	..	3	1	..	1	..
	(e) Of the bones and joints	M.	3	..	..	..	1	..	..	..	..	1	..	..	1	..
		F.	4	1	1	..	..	..	..	..	..	..	..	..	2	..
	(f) Of the brain	M.	8	2	1	1	..	..	..	..	1	3	..	..	..	..
		F.	3	2	..	..	..	..	..	..	1	..	..	..	..	..
	(g) Of the spine and spinal cord	F.	2	..	..	..	..	..	..	..	..	1	1	..	..	..
	(h) Of the neck	M.	1	..	1	..	..	..	..	..	..	..	..	..	..	..
		F.	2	..	..	..	..	..	..	..	1	1	..	..	..	..
	(i) Of the pelvic viscera	M.	4	..	..	..	1	..	..	..	1	..	2	..	..	..
		F.	4	1	..	..	..	..	..	..	..	1	1	..	1	..
	(j) Of other specified organs	M.	5	..	..	..	..	1	..	..	1	..	3	..	..	..
		F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
	(k) Multiple cancer	M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
54.	Non-malignant tumours	M.	13	1	1	..	..	..	..	..	2	5	2	..	2	..
		F.	15	1	1	..	..	..	..	..	4	6	2	..	1	..
	(a) Of the ovary	F.	2	..	..	..	..	..	..	..	1	..	..	..	1	..
	(b) Of the uterus	F.	5	..	..	..	..	..	..	..	1	4	..	..	..	..
	(d) Of the brain	M.	6	1	..	..	..	..	..	..	2	3	..	..	..	..
		F.	3	..	..	..	..	..	..	..	2	..	1	..	..	..
	(e) Of the thyroid gland	M.	2	..	..	..	..	..	..	..	..	1	1	..	..	..
		F.	2	1	..	..	..	..	..	..	..	..	1	..	..	..
	(f) Of the prostate gland	M.	2	..	..	..	..	..	..	..	..	..	1	..	1	..
	(g) Of other sites	M.	3	..	1	..	..	..	..	..	..	1	..	..	1	..
		F.	3	..	1	..	..	..	..	..	..	2	..	..	..	..

ONDITION, NATIVITY AND MONTH OF DEATH, 1931.

Nativity					Months												Int. List No.
anada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
2	1	1	..	..	1	..	..	..	..	..	2	..	..	..	1	..	44
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	44*a*
1	1	1	..	..	1	..	..	..	..	..	2	..	..	..	..	..	44*c*
217	144	55	199	1	47	57	44	52	57	50	50	58	32	53	61	55	
114	79	24	128	1	28	30	22	34	33	23	30	32	17	30	34	33	
103	65	31	71	..	19	27	22	18	24	27	20	26	15	23	27	22	
104	77	23	125	1	27	29	22	33	32	22	29	32	15	29	32	28	45–53
96	61	30	68	..	18	26	20	18	23	26	18	24	15	22	25	20	
10	4	1	5	..	1	2	2	4	1	3	3	..	..	2	..	2	45
..	1	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1	
55	43	15	93	1	20	18	14	19	22	11	20	22	8	16	24	13	46
30	31	12	43	..	11	9	7	5	11	13	12	10	10	10	6	12	
2	..	..	3	1	2	..	..	..	2	..	..	1	..	1	..	..	46*a*
3	1	..	..	..	..	..	..	..	..	2	..	..	1	..	..	1	
31	29	9	69	..	14	16	9	11	15	8	12	15	6	9	13	10	46*b*
12	10	5	18	..	4	4	1	2	6	1	2	5	5	6	4	5	
2	3	1	2	..	1	..	..	..	1	1	1	1	1	1	1	..	46*c*
2	3	..	1	..	1	..	1	..	1	1	..	..	..	1	1	..	
8	2	5	8	..	1	..	2	3	3	1	4	3	..	1	4	1	46*d*
8	6	2	12	..	2	4	..	1	3	2	6	2	4	1	..	3	
1	2	..	2	..	..	2	..	..	..	..	..	1	..	..	1	1	46*e*
..	2	1	3	..	..	..	2	..	1	2	..	..	..	1	..	..	
..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	
11	7	..	9	..	2	..	3	5	1	1	3	1	1	4	5	1	46*g*
5	9	3	9	..	3	1	3	2	..	5	4	3	..	1	1	3	
7	5	3	5	..	3	2	1	3	2	1	..	2	1	2	..	3	47
..	..	1	2	..	..	..	2	..	..	..	..	..	..	1	..	..	
1	..	1	1	..	2	..	..	..	..	..	..	1	..	..	..	..	47*a*
6	4	2	4	..	1	2	1	3	2	1	..	1	1	1	..	3	47*b*
..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	47*c*
..	..	1	2	..	..	..	2	..	..	..	..	..	..	1	..	..	
20	8	6	10	..	..	5	5	3	2	4	3	7	1	4	8	2	48
11	6	6	8	..	..	2	4	3	2	4	2	5	1	3	5	..	48*a*
9	2	..	2	..	..	3	1	..	..	..	1	2	..	1	3	2	48*b*
4	4	1	..	..	..	..	..	..	2	1	..	1	1	2	2	..	49
1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	50
24	11	9	9	..	3	9	4	6	5	7	2	4	3	2	4	4	
15	14	2	13	..	3	3	2	2	6	3	4	5	3	6	6	1	51
5	3	..	4	..	2	2	1	..	..	..	..	2	2	2	1	..	51*a*
2	..	..	2	..	..	..	..	..	1	..	1	1	..	1	..	..	51*b*
7	10	1	6	..	1	1	..	2	5	3	2	1	1	2	5	1	51*c*
1	1	1	1	..	..	..	1	..	..	..	1	1	..	1	..	..	51*d*
3	..	..	2	..	..	..	1	..	1	..	..	1	..	1	..	1	52
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
13	11	2	7	..	..	3	2	5	..	4	2	2	3	2	2	8	53
18	5	..	4	..	4	3	2	4	3	1	1	2	..	2	4	1	
..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	53*a*
2	1	..	..	..	..	..	..	..	1	1	..	1	..	..	..	..	
3	5	..	2	..	..	..	..	3	..	1	1	..	2	1	..	2	53*c*
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
5	..	..	1	..	1	..	..	3	..	..	..	1	..	..	1	..	53*d*
2	1	..	..	..	..	..	1	..	..	1	..	1	..	..	..	..	53*e*
3	1	..	..	..	..	2	1	..	..	..	..	..	..	..	1	..	
2	1	2	3	..	..	..	1	2	..	1	1	1	..	1	1	..	53*f*
1	1	..	1	..	1	..	1	..	..	..	..	..	..	1	..	..	
1	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	53*g*
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	53*h*
1	..	..	1	..	..	..	..	..	2	..	..	..	..	..	..	..	
2	..	..	2	..	..	2	..	..	..	..	..	..	..	..	..	2	53*i*
2	1	..	1	..	1	1	..	..	..	..	1	..	..	1	..	..	
2	3	..	..	..	..	1	..	..	..	..	..	..	1	..	..	3	53*j*
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	53*k*
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
8	2	1	2	..	1	..	..	1	..	1	1	..	2	1	2	4	54
7	4	1	3	..	1	1	2	..	1	1	2	2	..	1	2	2	
..	1	..	1	..	..	..	..	..	..	..	1	..	..	..	..	1	54*a*
4	1	..	..	..	1	..	1	..	1	..	1	..	..	..	..	1	54*b*
4	..	1	1	..	1	..	..	1	..	..	1	..	..	1	1	1	54*d*
..	1	..	2	..	..	..	..	..	..	1	..	..	..	1	1	..	
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	54*e*
2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	
1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	1	..	54*f*
1	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	1	54*g*
1	1	1	..	..	..	1	1	..	..	..	..	1	..	..	..	..	

TABLE CXVIII.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. List No.	CAUSES OF DEATH		Total	Conjugal Condition												
					Single					Married						
				Und'r 15 years	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	Wid-owed	Not stated
55.	Tumours, nature not specified	M.	3	..	..	..	..	..	..	..	1	1	..	..	1	..
	(*d*) Of the brain	M.	3	..	..	..	..	..	..	..	1	1	..	..	1	..
	Class III—Rheumatic diseases, diseases of nutrition and of the endocrine glands and other general diseases	total	169	40	6	5	6	1	..	2	15	41	30	..	23	..
		M.	79	19	3	3	5	..	..	..	6	20	18	..	5	..
		F.	90	21	3	2	1	1	..	2	9	21	12	..	18	..
56.	Acute rheumatic fever	M.	20	8	3	..	1	..	..	..	3	2	1	..	2	..
		F.	12	6	..	..	..	..	..	..	2	1	..	..	3	..
57.	Chronic rheumatism, osteo-arthritis	M.	5	..	..	..	..	..	..	..	..	2	2	..	1	..
		F.	5	..	..	1	..	..	..	..	..	..	1	..	3	..
59.	Diabetes mellitus	M.	40	2	..	3	3	..	..	..	3	13	14	..	2	..
		F.	45	3	2	..	1	1	..	1	2	17	8	..	10	..
62.	Pellagra	F.	2	1	..	..	..	..	..	..	1	..	..	..	..	..
63.	Rickets	M.	4	4	..	..	..	..	..	..	..	..	..	..	..	..
		F.	4	4	..	..	..	..	..	..	..	..	..	..	..	..
64.	Osteomalacia	F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
65.	Diseases of the pituitary gland	M.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
66.	Diseases of the thyroid and parathyroid glands	M.	2	1	..	..	..	..	..	..	..	1	..	..	..	..
		F.	17	4	1	1	..	..	..	1	4	2	3	..	1	..
	(*a*) Simple goitre	F.	4	..	..	..	..	..	..	..	1	1	2	..	..	..
	(*b*) Exophthalmic goitre	M.	2	1	..	..	..	..	..	..	..	1	..	..	..	..
		F.	9	..	1	1	..	..	..	1	3	1	1	..	1	..
	(*c*) Myxoedema, cretinism	F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
	(*d*) Tetany	F.	3	3	..	..	..	..	..	..	..	..	..	..	..	..
67.	Diseases of the thymus gland	M.	3	3	..	..	..	..	..	..	..	..	..	..	..	..
		F.	2	2	..	..	..	..	..	..	..	..	..	..	..	..
68.	Diseases of the adrenals (Addison's disease)	M.	2	..	..	..	1	..	..	..	..	1	..	..	..	..
69.	Other general diseases	M.	2	..	..	..	..	..	..	..	..	1	1	..	..	..
		F.	2	1	..	..	..	..	..	..	..	..	..	..	1	..
	(*a*) Fatty or amyloid degeneration	M.	1	..	..	..	..	..	..	..	..	..	1	..	..	..
	(*c*) Others under this title	M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
		F.	2	1	..	..	..	..	..	..	..	..	..	..	1	..
	Class IV—Diseases of the blood and blood forming organs	total	60	11	7	2	3	3	..	..	14	7	6	..	7	..
		M.	28	5	1	1	2	2	..	..	6	2	6	..	3	..
		F.	32	6	6	1	1	1	..	..	8	5	..	..	4	..
70.	Haemorrhagic diatheses	M.	2	1	..	..	..	..	..	..	1	..	..	..	..	..
		F.	5	4	1	..	..	..	..	..	..	..	..	..	..	..
	(*a*) Simple purpura	M.	2	1	..	..	..	..	..	..	1	..	..	..	..	..
		F.	4	4	..	..	..	..	..	..	..	..	..	..	..	..
	(*b*) Haemophilia	F.	1	..	1	..	..	..	..	..	..	..	..	..	..	..
71.	Anaemia	M.	15	1	..	..	1	1	..	..	2	2	5	..	3	..
		F.	16	1	2	1	1	..	..	..	6	2	..	..	3	..
	(*a*) Pernicious anaemia	M.	13	..	..	..	1	1	..	..	2	2	4	..	3	..
		F.	16	1	2	1	1	..	..	..	6	2	..	..	3	..
	(*b*) Others under this title	M.	2	1	..	..	..	..	..	..	..	..	1	..	..	..
72.	Leukaemia and aleukaemia	M.	9	2	1	1	1	..	..	..	3	..	1	..	..	..
		F.	8	..	3	..	..	..	..	..	2	2	..	..	1	..
	(*a*) Leukaemia	M.	4	2	..	..	..	..	..	..	1	..	1	..	..	..
		F.	6	..	2	..	..	..	..	..	1	2	..	..	1	..
	(*b*) Aleukaemia	M.	5	..	1	1	1	..	..	..	2	..	..	..	..	..
	(Hodgkin's disease)	F.	2	..	1	..	..	..	..	..	1	..	..	..	..	..
73.	Diseases of the spleen	M.	2	1	..	..	..	1	..	..	..	..	..	..	..	..
		F.	3	1	..	..	..	1	..	..	..	1	..	..	..	..
	Class V—Chronic Poisonings and intoxications	total	9	..	..	3	1	..	..	..	1	3	..	..	1	..
		M.	9	..	..	3	1	..	..	..	1	3	..	..	1	..
75.	Alcoholism	M.	8	..	..	3	1	..	..	..	1	2	..	..	1	..
	(*b*) Acute alcoholism	M.	8	..	..	3	1	..	..	..	1	2	..	..	1	..
76.	Chronic poisoning, by other organic substances	M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
	(*a*) Chronic morphinism	M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
	Class VI—Diseases of the nervous system and of the organs of special sense	total	328	77	16	23	10	6	2	..	23	43	56	..	72	..
		M.	179	41	11	18	6	3	2	..	13	22	33	..	30	..
		F.	149	36	5	5	4	3	..	..	10	21	23	..	42	..
78.	Encephalitis (non-epidemic)	M.	1	..	1	..	..	..	..	..	..	..	..	..	..	..
		F.	2	..	1	..	..	..	..	..	..	1	..	..	..	..
79.	Simple meningitis	M.	9	7	1	1	..	..	..	..	..	..	..	..	..	..
		F.	6	6	..	..	..	..	..	..	..	..	..	..	..	..

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Nativity					Months												Int. List No.
Canada	British	Foreign: United States	Foreign: Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
2	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	1	55
2	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	1	55*d*
88	23	20	37	1	17	14	15	18	17	8	14	15	12	16	13	10	
40	4	12	22	1	7	6	3	6	8	5	9	7	6	8	9	5	
48	19	8	15	..	10	8	12	12	9	3	5	8	6	8	4	5	
15	..	3	2	..	3	1	1	1	1	..	2	5	3	1	2	..	56
10	..	..	2	..	1	2	2	1	2	..	1	3	..	..	..	..	
1	1	..	3	..	1	1	..	1	..	2	..	..	..	..	..	..	57
2	2	..	1	..	1	..	1	..	..	..	..	..	..	2	1	..	
14	2	9	14	1	1	4	..	4	6	3	5	1	2	5	6	3	59
18	12	5	10	..	4	2	5	8	6	2	1	3	4	5	2	3	
2	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	62
4	..	..	..	..	..	..	1	..	1	..	1	..	..	1	..	..	63
4	..	..	..	..	..	..	1	1	..	..	1	1	..	..	..	..	
..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	64
1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	65
1	..	..	1	..	1	..	..	..	..	..	..	..	..	1	..	..	66
10	3	2	2	..	4	2	3	2	..	1	1	1	1	..	1	1	
2	..	1	1	..	..	1	..	..	..	1	..	1	1	..	..	..	66*a*
1	..	..	1	..	1	..	..	..	..	..	..	..	..	1	..	..	66*b*
4	3	1	1	..	3	1	2	..	..	..	1	..	..	..	1	1	
1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	66*c*
3	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	..	66*d*
3	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	67
2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	
..	1	..	1	..	..	..	..	..	..	..	..	1	..	..	..	1	68
1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	1	69
..	1	1	..	..	..	..	..	..	1	..	..	..	..	1	..	..	
..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	69*a*
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	69*c*
..	1	1	..	..	..	..	..	..	1	..	..	..	..	1	..	..	
34	10	6	9	1	5	5	4	5	8	6	5	3	3	5	4	7	
16	7	3	1	1	2	2	3	4	2	3	3	1	1	1	3	3	
18	3	3	8	..	3	3	1	1	6	3	2	2	2	4	1	4	
1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	70
5	..	..	..	..	1	2	..	..	..	1	..	..	..	..	1	..	
1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	70*a*
4	..	..	..	..	1	1	..	..	..	1	..	..	..	..	1	..	
1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	70*b*
8	4	2	1	..	..	..	2	2	2	3	2	1	..	..	2	1	71
6	3	3	4	..	2	1	1	1	3	2	2	2	..	2	..	..	
7	4	1	1	..	..	..	2	1	2	3	1	1	..	..	2	1	71*a*
6	3	3	4	..	2	1	1	1	3	2	2	2	..	2	..	..	
1	..	1	..	..	..	..	..	1	..	..	1	..	..	..	..	..	71*b*
5	2	1	..	1	..	2	1	2	..	..	1	..	..	1	1	1	72
5	..	..	3	..	..	..	..	..	2	..	..	..	2	1	..	3	
3	1	..	..	..	..	1	..	2	..	..	..	..	..	..	1	..	72*a*
3	..	..	3	..	..	..	..	..	2	..	..	..	1	1	..	2	
2	1	1	..	1	..	1	1	..	..	..	1	..	..	1	..	1	72*b*
2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	
2	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	73
2	..	..	1	..	..	..	..	..	1	..	..	..	..	1	..	1	
4	1	1	2	1	2	1	..	1	1	1	..	..	1	1	1	..	
4	1	1	2	1	2	1	..	1	1	1	..	..	1	1	1	..	
4	1	1	1	1	1	1	..	1	1	1	..	..	1	1	1	..	75
4	1	1	1	1	1	1	..	1	1	1	..	..	1	1	1	..	75*b*
..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	76
..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	76*a*
185	49	18	74	2	33	24	27	29	25	24	27	29	24	28	26	32	
98	25	13	41	2	21	14	13	17	12	12	16	15	14	13	14	18	
87	24	5	33	..	12	10	14	12	13	12	11	14	10	15	12	14	
..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	78
1	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	
7	..	..	2	..	1	1	1	1	1	..	..	1	..	1	1	1	79
6	..	..	..	..	..	2	1	..	1	..	..	..	1	..	..	1	

TABLE CXVIII.—CAUSES OF DEATH FOR EACH SEX BY CONJUGA

Int. List No.	CAUSES OF DEATH		Total	Conjugal Condition												
				Single					Married					Wid-owed	Not state
				Und'r 15 years	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated		
80.	Progressive locomotor ataxia	M.	3	..	..	..	..	..	..	..	..	1	..	..	2	..
81.	Other diseases of the spinal cord	M.	10	..	1	2	1	..	..	..	2	1	3	..	..	..
		F.	3	..	..	..	..	..	..	..	1	1	..	..	1	..
82.	Cerebral haemorrhage, embolism or thrombosis	M.	69	..	1	..	2	3	..	..	2	12	28	..	21	..
		F.	73	..	..	..	1	2	..	..	1	15	20	..	34	..
	(*a*) Cerebral haemorrhage	M.	63	..	1	..	2	3	..	..	2	11	25	..	19	..
		F.	58	..	..	..	1	2	..	..	..	11	19	..	25	..
	(*b*) Cerebral embolism or thrombosis	M.	2	..	..	..	..	..	..	..	..	..	1	..	1	..
		F.	2	..	..	..	..	..	..	..	..	..	1	..	1	..
	(*c*) Softening of the brain	M.	1	..	..	..	..	..	..	..	..	..	1	..	..	..
	(*d*) Hemiplegia and other paralysis, cause not specified	M.	3	..	..	..	..	..	..	..	..	1	1	..	1	..
		F.	13	..	..	..	..	..	..	..	1	4	..	..	8	..
83.	General paralysis of the insane	M.	8	..	..	1	..	..	..	..	2	2	1	..	2	..
84.	Dementia praecox and other psychoses	M.	11	..	..	5	2	..	..	..	2	2	..	..	..	..
		F.	15	..	..	3	2	..	..	..	3	1	1	..	5	..
	(*a*) Dementia praecox	M.	8	..	..	4	2	..	..	..	1	1	..	..	..	..
		F.	7	..	..	3	1	..	..	..	2	..	..	..	1	..
	(*b*) Other psychoses	M.	3	..	..	1	..	..	..	..	1	1	..	..	..	..
		F.	8	..	..	..	1	..	..	..	1	1	1	..	4	..
85.	Epilepsy	M.	18	2	3	8	1	..	2	..	2	..	..	..	..	..
		F.	15	3	3	2	1	..	..	..	3	2	1	..	..	..
86.	Convulsions (under 5 years of age)	M.	25	25	..	..	..	..	..	..	..	..	..	..	..	..
		F.	23	23	..	..	..	..	..	..	..	..	..	..	..	..
87.	Other diseases of the nervous system	M.	14	3	..	..	..	..	..	..	2	3	1	..	5	..
		F.	10	3	1	..	..	1	..	..	1	1	1	..	2	..
	(*a*) Chorea	F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
	(*b*) Neuritis	M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
	(*c*) Paralysis agitans	M.	5	1	..	..	..	..	..	..	..	1	1	..	2	..
		F.	2	..	..	..	..	1	..	..	..	..	1	..	..	..
	(*d*) Disseminated sclerosis	M.	4	..	..	..	..	..	..	..	..	1	..	..	3	..
		F.	4	..	1	..	..	..	..	..	1	1	..	..	1	..
	(*e*) Others under this title	M.	4	2	..	..	..	..	..	..	2	..	..	..	..	..
		F.	2	2	..	..	..	..	..	..	..	..	..	..	..	..
88.	Diseases of the organs of vision	M.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
89.	Diseases of the ear and mastoid process	M.	10	3	4	1	..	..	..	..	1	1	..	..	..	..
		F.	2	1	..	..	..	..	..	..	1	..	..	..	..	..
	(*a*) Otitis Media	M.	5	2	2	1	..	..	..	..	..	..	..	..	..	..
		F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
	(*b*) Mastoid process	M.	5	1	2	..	..	..	..	..	1	1	..	..	..	..
		F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
	Class VII—Diseases of the circulatory system	total	925	24	17	22	24	25	..	5	46	218	268	1	274	1
		M.	511	7	8	14	22	18	..	1	26	141	156	..	118	..
		F.	414	17	9	8	2	7	..	4	20	77	112	1	156	1
90–95.	Diseases of the heart	M.	372	6	8	12	16	14	..	1	23	107	110	..	75	..
		F.	284	14	9	6	1	4	..	4	14	48	74	..	110	..
90.	Pericarditis	M.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
		F.	3	1	..	..	..	..	..	..	..	..	2	..	..	..
91.	Acute endocarditis	M.	7	1	..	1	1	..	..	..	3	..	1	..	..	..
		F.	10	3	2	2	..	..	..	1	..	1	1	..	..	..
	(*a*) Specified as acute	M.	5	1	..	..	1	..	..	..	2	..	1	..	..	..
		F.	9	3	1	2	..	..	..	1	..	1	1	..	..	..
	(*b*) Unspecified (under 45 years of age)	M.	2	..	..	1	..	..	..	..	1	..	..	..	..	..
		F.	1	..	1	..	..	..	..	..	..	..	..	..	..	..
92.	Chronic endocarditis, valvular diseases	M.	107	3	2	6	7	5	..	..	6	36	21	..	21	..
		F.	94	5	4	1	..	1	..	1	7	25	20	..	30	..
	(*a*) Endocarditis specified as chronic and other valvular diseases of the heart	M.	98	3	2	6	6	5	..	..	6	33	19	..	18	..
		F.	90	5	4	1	..	1	..	1	7	24	18	..	29	..
	(*b*) Endocarditis, unspecified, 45 years and over	M.	9	..	..	..	1	..	..	..	..	3	2	..	3	..
		F.	4	..	..	..	..	..	..	..	..	1	2	..	1	..
93.	Diseases of the myocardium	M.	133	2	4	4	5	5	..	..	4	30	55	..	24	..
		F.	108	4	3	2	..	3	..	2	3	8	31	..	52	..
	(*a*) Acute myocarditis	M.	4	1	1	..	..	..	..	..	1	1	..	..	..	..
		F.	2	1	..	..	..	..	..	..	1	..	..	..	..	..
	(*b*) Myocarditis, unspecified, under 45 years of age	M.	2	..	..	1	..	..	..	..	1	..	..	..	..	..
		F.	2	1	..	..	..	..	..	..	1	..	..	..	..	..
	(*c*) Chronic myocarditis and myocardial degeneration	M.	103	1	3	3	4	3	..	..	2	22	46	..	19	..
		F.	83	2	3	2	..	3	..	2	1	7	25	..	38	..
	(*d*) Myocarditis, unspecified, 45 years and over	M.	24	..	..	..	1	2	..	..	..	7	9	..	5	..
		F.	21	..	..	..	..	..	..	..	..	1	6	..	14	..

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Nativity					Months												Int. List No.
		Foreign															
Canada	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
1	1	..	..	1	..	1	1	..	..	..	..	1	..	..	..	..	80
3	3	..	4	..	2	1	1	..	..	..	1	..	3	..	2	..	81
..	2	..	1	..	..	..	..	..	..	..	1	..	2	..	..	..	
28	12	7	22	..	7	3	3	11	6	3	7	6	3	8	4	8	82
31	12	3	27	..	5	4	9	7	4	7	6	10	5	6	2	8	
26	12	6	19	..	6	3	3	11	5	3	5	6	3	8	2	8	82a
26	10	2	20	..	3	4	7	5	2	7	5	7	4	6	2	6	
..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	2	..	82b
..	..	..	2	..	1	..	1	..	..	..	..	..	..	..	..	..	
..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	82c
2	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	82d
5	2	1	5	..	1	..	1	2	2	..	1	3	1	..	..	2	
2	3	1	2	..	..	..	3	..	1	..	..	2	1	1	..	..	83
2	3	..	6	..	1	1	..	..	1	..	2	..	..	..	2	4	84
7	4	1	3	..	..	2	1	1	3	1	1	1	..	1	3	1	
2	3	..	3	..	..	1	..	..	1	..	2	..	..	..	2	2	84a
4	..	1	2	..	..	1	..	..	3	..	..	1	..	1	1	..	
..	..	..	3	..	1	..	..	..	..	..	..	..	..	..	..	2	84b
3	4	..	1	..	..	1	1	1	..	1	1	..	..	..	2	1	
11	1	2	3	1	3	2	2	2	..	3	2	1	1	..	1	1	85
11	2	1	1	..	1	1	..	..	1	2	2	1	1	2	2	2	
25	..	..	..	..	2	1	1	2	3	2	1	2	5	1	2	3	86
23	..	..	..	..	4	..	2	3	2	..	1	1	1	3	4	2	
11	1	2	..	..	2	2	..	1	..	3	2	2	..	1	1	..	87
6	3	..	1	..	2	..	1	..	1	2	..	1	..	2	1	..	
..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	
..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	87b
1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	
3	..	2	..	..	1	..	..	..	..	1	2	1	..	..	..	..	87c
1	1	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	
4	..	..	..	..	1	1	..	..	..	..	..	1	..	1	..	..	87d
2	1	..	1	..	1	..	..	..	..	1	..	..	..	2	..	..	
4	..	..	..	..	..	1	..	1	..	1	..	..	..	..	1	..	87e
2	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	
1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	88
7	1	1	1	..	3	2	..	..	..	1	1	..	1	..	1	1	89
2	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	
4	..	1	..	..	1	2	..	..	..	1	..	..	1	..	..	..	89a
1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
3	1	..	1	..	2	..	..	..	..	..	1	..	..	..	1	1	89b
1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	
380	195	86	261	3	83	74	84	85	84	76	70	63	68	100	80	58	
201	113	58	137	2	41	37	44	50	54	37	41	36	38	46	50	37	
179	82	28	124	1	42	37	40	35	30	39	29	27	30	54	30	21	
140	85	39	106	2	35	27	29	37	35	30	29	27	29	33	31	30	90-95
135	48	13	87	1	35	25	25	24	18	26	19	20	15	43	21	13	
..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	90
3	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	
2	2	..	3	..	..	1	1	2	2	..	..	1	..	..	..	..	91
7	1	..	2	..	1	..	1	..	..	1	4	..	1	1	..	1	
2	1	..	2	..	..	1	1	1	1	..	..	1	..	..	..	..	91a
6	1	..	2	..	1	..	1	..	..	1	4	..	1	1	..	..	
..	1	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	91b
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
44	17	11	34	1	12	10	9	5	8	12	11	8	8	4	7	13	92
43	13	5	33	..	11	10	8	8	9	9	4	6	3	14	8	4	
41	16	11	29	1	10	9	7	5	8	11	11	6	8	4	7	12	92a
42	13	3	32	..	9	10	8	8	9	8	4	5	3	14	8	4	
3	1	..	5	..	2	1	2	..	..	1	..	2	..	..	..	1	92b
1	..	2	1	..	2	..	..	..	..	1	..	1	..	..	..	..	
46	39	12	35	1	13	9	10	14	12	10	9	8	10	18	12	8	93
58	20	3	26	1	14	9	12	6	5	15	7	7	6	16	9	2	
2	2	..	..	..	..	1	1	..	..	2	..	..	..	..	..	..	93a
1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	
2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	93b
2	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	
38	27	9	29	..	10	8	4	9	10	8	8	6	9	14	11	6	93c
46	17	2	18	..	9	7	6	5	3	11	6	5	6	15	8	2	
4	10	3	6	1	3	..	5	5	2	..	1	1	1	3	1	2	93d
9	3	1	7	1	3	1	6	1	2	4	1	2	..	1	..	..	

TABLE CXVIII.—CAUSES OF DEATH FOR EACH SEX BY CONJUGA

Int. List No.	CAUSES OF DEATH		Total	Conjugal Condition												
				Single					Married					Wid-owed	Not stated
				Und'r 15 years	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated		
94.	Diseases of the coronary arteries and angina pectoris	M.	79	..	..	1	2	1	..	..	7	34	17	..	17	..
		F.	31	1	..	..	1	..	..	..	2	9	7	..	11	..
	(*a*) Diseases of the coronary arteries	M.	10	..	..	..	2	..	..	..	1	4	..	..	3	..
		F.	4	..	..	..	..	..	..	..	1	..	2	..	1	..
	(*b*) Embolism and thrombosis of coronary arteries	M.	24	..	..	1	..	..	..	..	3	11	3	..	6	..
		F.	18	1	..	..	..	..	..	..	1	8	3	..	5	..
	(*c*) Angina pectoris	M.	45	..	..	..	..	1	..	..	3	19	14	..	8	..
		F.	9	..	..	..	1	..	..	..	..	1	2	..	5	..
95.	Other diseases of the heart	M.	45	..	2	..	1	3	..	1	2	7	16	..	13	..
		F.	38	..	..	1	..	..	..	..	2	5	13	..	17	..
	(*a*) Functional diseases of the heart	M.	3	..	..	..	..	..	..	..	..	..	1	..	2	..
		F.	5	..	..	..	..	..	..	..	2	1	1	..	1	..
	(*b*) Others and not specified	M.	42	..	2	..	1	3	..	1	2	7	15	..	11	..
		F.	33	..	..	1	..	..	..	..	..	4	12	..	16	..
96.	Aneurysm (other than of the heart)	M.	2	..	..	..	..	..	..	..	1	1	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
97.	Arteriosclerosis (of coronary arteries excepted)	M.	101	..	..	..	4	1	..	..	..	26	37	..	33	..
		F.	81	..	..	..	1	1	..	..	2	18	25	..	34	..
98.	Gangrene	M.	9	1	..	..	..	2	..	..	..	..	4	..	2	..
		F.	3	..	..	..	..	1	..	..	..	..	1	..	1	..
99.	Other diseases of the arteries	M.	7	..	..	2	..	..	..	..	..	2	..	..	3	..
		F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
100.	Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	M.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
		F.	4	..	..	..	..	..	..	..	1	1	1	..	1	..
101.	Diseases of the lymphatic system (lymphangitis, etc.)	F.	2	2	..	..	..	..	..	..	..	..	..	..	..	..
102.	Idiopathic abnormalities of blood pressure	M.	18	..	..	..	2	1	..	..	1	5	5	..	4	..
		F.	35	..	..	1	..	1	..	..	3	8	10	1	10	1
103.	Other diseases of the circulatory system	M.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
		F.	3	..	..	1	..	..	..	..	..	1	1	..	..	..
	Class VIII—Diseases of the respiratory system	total	614	318	14	12	7	6	..	1	36	61	63	..	96	..
		M.	351	186	12	9	6	6	..	..	16	38	42	..	36	..
		F.	263	132	2	3	1	..	..	1	20	23	21	..	60	..
104.	Diseases of the nasal fossae and annexa	M.	4	2	1	..	..	..	..	..	..	..	1	..	..	..
		F.	2	2	..	..	..	..	..	..	..	..	..	..	..	..
105.	Diseases of the larynx	M.	3	3	..	..	..	..	..	..	..	..	..	..	..	..
		F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
	(*a*) Croup	M.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
	(*b*) Other diseases of the larynx	M.	2	2	..	..	..	..	..	..	..	..	..	..	..	..
		F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
106.	Bronchitis	M.	27	10	..	..	1	1	..	..	..	1	8	..	6	..
		F.	17	7	..	..	..	..	..	..	..	2	2	..	6	..
	(*a*) Acute	M.	14	9	..	..	..	1	..	..	..	1	2	..	1	..
		F.	7	6	..	..	..	..	..	..	..	1	..	..	..	..
	(*b*) Chronic	M.	9	1	..	..	1	..	..	..	..	..	4	..	3	..
		F.	6	..	..	..	..	..	..	..	..	1	..	..	5	..
	(*c*) Unspecified	M.	4	..	..	..	..	..	..	..	..	..	2	..	2	..
		F.	4	1	..	..	..	..	..	..	..	..	2	..	1	..
107.	Bronchopneumonia	M.	132	105	1	3	1	3	..	..	2	6	4	..	7	..
		F.	106	75	..	1	..	..	..	..	3	4	4	..	19	..
	(*a*) Bronchopneumonia	M.	132	105	1	3	1	3	..	..	2	6	4	..	7	..
		F.	105	75	..	1	..	..	..	..	3	4	4	..	18	..
	(*b*) Capillary bronchitis	F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
108.	Lobar pneumonia	M.	105	22	7	6	4	2	..	..	11	21	18	..	14	..
		F.	61	15	..	1	1	..	..	1	12	9	6	..	16	..
109.	Pneumonia, not specified	M.	50	40	2	..	..	..	..	..	..	2	4	..	2	..
		F.	44	29	1	..	..	..	..	..	2	1	4	..	7	..
110.	Pleurisy	M.	11	2	1	..	..	..	..	..	2	4	2	..	..	..
		F.	5	1	..	..	..	..	..	..	..	2	1	..	1	..
111.	Congestion and haemorrhagic infarct of the lung, etc.	M.	6	..	..	..	..	..	..	..	..	1	2	..	3	..
		F.	11	1	1	..	..	..	..	..	1	..	1	..	7	..
	(*a*) Pulmonary embolism and thrombosis	M.	2	..	..	..	..	..	..	..	..	..	1	..	1	..
		F.	2	..	1	..	..	..	..	..	1	..	..	..	..	..
	(*b*) Others under this title	M.	4	..	..	..	..	..	..	..	..	1	1	..	2	..
		F.	9	1	..	..	..	..	..	..	..	..	1	..	7	..
112.	Asthma	M.	6	..	..	..	..	..	..	..	..	2	2	..	2	..
		F.	8	1	..	..	..	..	..	..	..	2	2	..	3	..
113.	Pulmonary emphysema	M.	2	..	..	..	..	..	..	..	..	..	1	..	1	..
		F.	2	..	..	..	..	..	..	..	1	..	..	..	1	..
114.	Other diseases of the respiratory system (tuberculosis excepted)	M.	5	2	..	..	..	..	..	..	1	1	..	..	1	..
		F.	6	1	..	1	..	..	..	..	..	3	1	..	..	..
	(*b*) Gangrene of the lung	M.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
	(*c*) Others under this title	M.	4	2	..	..	..	..	..	..	1	1	..	..	..	..
		F.	6	1	..	1	..	..	..	..	..	3	1	..	..	..

ONDITION, NATIVITY AND MONTH OF DEATH, 1931.

Nativity					Months												Int. List No.
anada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
28	21	8	22	..	7	4	5	5	9	3	9	7	10	8	6	6	94
13	10	3	5	..	4	..	2	2	3	..	2	4	2	7	2	3	
4	2	2	2	..	..	..	..	1	1	..	2	..	2	2	1	1	94*a*
3	..	..	1	..	..	..	1	1	..	..	..	..	1	1	..	..	
7	8	3	6	..	4	1	..	2	3	1	1	1	2	5	2	2	94*b*
6	7	2	3	..	2	..	1	..	1	..	1	3	1	4	2	3	
17	11	3	14	..	3	3	5	2	5	2	6	6	6	1	3	3	94*c*
4	3	1	1	..	2	..	..	1	2	..	1	1	..	2	..	..	
20	6	8	11	..	3	3	4	11	4	5	..	3	1	2	6	3	95
11	4	2	21	..	5	6	2	8	1	1	2	3	2	3	2	3	
2	..	..	1	..	..	1	..	..	..	1	..	..	1	..	..	..	95*a*
1	..	..	4	..	..	..	..	..	..	..	1	..	1	1	..	2	
18	6	8	10	..	3	2	4	11	4	4	..	3	..	2	6	3	95*b*
10	4	2	17	..	5	6	2	8	1	1	1	3	1	2	2	1	
1	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	96
1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	
46	19	16	20	..	3	9	11	8	14	6	8	4	6	11	16	5	97
24	24	11	22	..	3	7	9	9	6	9	7	3	8	5	8	7	
4	1	..	4	..	..	..	..	1	1	..	1	3	1	..	1	1	98
1	..	..	2	..	1	..	1	..	..	..	..	..	..	1	..	..	
1	2	1	3	..	2	..	1	1	..	1	..	..	..	..	1	1	99
1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	100
1	..	1	2	..	1	..	..	..	..	..	1	2	..	..	..	..	
2	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	101
9	4	2	3	..	..	..	2	3	4	..	3	2	1	2	1	..	102
12	10	3	10	..	..	4	4	1	6	4	1	2	6	5	1	1	
..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	103
2	..	..	1	..	1	..	1	..	..	..	1	..	..	..	..	..	
419	56	28	109	2	78	78	87	75	57	44	20	20	24	37	53	41	
235	34	21	61	..	42	48	51	42	33	22	10	12	13	22	31	25	
184	22	7	48	2	36	30	36	33	24	22	10	8	11	15	22	16	
3	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	1	104
2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	
3	..	..	..	..	1	..	..	..	..	1	..	..	..	..	1	..	105
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	105*a*
2	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	105*b*
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
15	2	2	8	..	1	5	3	3	4	2	2	..	3	1	3	..	106
13	..	..	3	1	..	2	4	4	1	2	..	..	..	..	4	..	
10	2	1	1	..	1	3	2	2	2	..	1	..	1	..	2	..	106*a*
7	..	..	..	..	..	2	1	1	1	..	..	..	..	..	2	..	
3	..	1	5	..	..	1	..	1	2	2	1	..	1	1	..	..	106*b*
2	..	..	3	1	..	..	3	1	..	1	..	..	..	..	1	..	
2	..	..	2	..	..	1	1	..	..	..	..	..	1	..	1	..	106*c*
4	..	..	..	..	..	..	..	2	..	1	..	..	..	..	1	..	
111	6	5	10	..	17	24	23	22	14	8	..	2	3	6	7	6	107
86	6	2	12	..	13	11	12	9	13	9	2	4	8	8	9	8	
111	6	5	10	..	17	24	23	22	14	8	..	2	3	6	7	6	107*a*
85	6	2	12	..	13	11	12	9	13	9	2	4	8	7	9	8	
1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	107*b*
47	22	11	25	..	16	13	8	6	7	5	3	3	6	11	13	14	108
34	9	3	15	..	11	7	9	7	6	4	4	2	2	2	4	3	
44	1	1	4	..	5	4	11	9	7	4	2	2	..	1	4	1	109
35	3	1	4	1	8	7	8	8	3	3	1	1	1	..	2	2	
4	1	1	5	..	1	2	2	1	1	..	2	..	..	2	..	..	110
3	..	..	2	..	1	..	1	1	1	..	..	..	..	..	..	1	
2	1	..	3	..	..	..	1	..	..	..	1	2	..	..	2	..	111
4	1	..	6	..	..	1	1	..	..	2	2	..	..	4	1	..	
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	111*a*
1	..	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	
..	1	..	3	..	..	..	1	..	..	..	1	2	..	..	..	..	111*b*
3	1	..	5	..	..	1	1	..	..	2	1	..	..	3	1	..	
2	1	..	3	..	..	..	2	1	..	1	..	1	..	..	..	1	112
2	2	..	4	..	1	1	..	2	..	1	1	1	..	1	..	..	
1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	113
..	..	..	2	..	1	..	..	1	..	..	..	..	..	..	..	..	
3	..	1	1	..	..	..	1	..	..	1	..	1	1	..	1	..	114
5	1	..	..	..	1	1	1	..	..	1	..	..	..	..	1	1	
..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	114*b*
3	..	1	..	..	..	..	1	..	..	1	..	..	1	..	1	..	114*c*
5	1	..	..	..	1	1	1	..	..	1	..	..	..	..	1	1	

TABLE CXVIII.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. List No.	CAUSES OF DEATH		Total	Conjugal Condition												
					Single					Married					Wid-owed	Not stated
				Und'r 15 years	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated		
	Class IX—Diseases of the digestive system	total	649	311	36	23	11	8	..	6	57	94	56	..	47	..
		M.	383	173	20	19	11	7	..	2	38	60	36	..	17	..
		F.	266	138	16	4	..	1	..	4	19	34	20	..	30	..
115.	Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	M.	26	6	1	2	1	..	..	1	6	6	1	..	2	..
		F.	14	7	3	..	..	..	..	1	1	1	..	..	1	..
	(*a*) Diseases of the buccal cavity and annexa	M.	10	..	..	..	..	..	..	..	3	4	1	..	2	..
		F.	4	1	1	..	..	..	..	1	..	..	..	..	1	..
	(*b*) Diseases of the tonsils	M.	10	4	1	1	..	..	..	1	3	..	..	..	..	..
		F.	5	3	2	..	..	..	..	..	..	..	..	..	..	..
	(*c*) Others under this title	M.	6	2	..	1	1	..	..	..	..	2	..	..	..	..
		F.	5	3	..	..	..	..	..	..	1	1	..	..	..	..
117.	Ulcer of the stomach or duodenum	M.	36	1	..	4	4	3	..	..	9	14	..	..	1	..
		F.	9	..	1	1	..	..	..	..	..	3	1	..	3	..
	(*a*) Ulcer of the stomach	M.	25	1	..	3	2	3	..	..	7	8	..	..	1	..
		F.	6	..	..	..	..	..	..	..	..	2	1	..	3	..
	(*b*) Ulcer of the duodenum	M.	11	..	..	1	2	..	..	..	2	6	..	..	..	..
		F.	3	..	1	1	..	..	..	..	..	1	..	..	..	..
118.	Other diseases of the stomach	M.	19	10	..	..	..	..	..	..	3	1	3	..	2	..
		F.	12	4	..	..	..	1	..	1	..	1	3	..	2	..
119.	Diarrhoea and enteritis (under 2 years of age)	M.	117	117	..	..	..	..	..	..	..	..	..	..	..	..
		F.	80	80	..	..	..	..	..	..	..	..	..	..	..	..
120.	Diarrhoea and enteritis (2 years and over)	M.	15	5	..	..	1	2	..	..	1	..	2	..	4	..
		F.	20	11	..	..	..	..	..	1	2	1	1	..	4	..
	(*a*) Diarrhoea and enteritis	M.	13	5	..	..	..	2	..	..	..	..	2	..	4	..
		F.	17	11	..	..	..	..	..	1	1	..	..	..	4	..
	(*b*) Ulceration of the intestines	M.	2	..	..	..	1	..	..	..	1	..	..	..	..	..
		F.	3	..	..	..	..	..	..	..	1	1	1	..	..	..
121.	Appendicitis	M.	83	22	12	8	..	..	..	1	15	17	7	..	1	..
		F.	48	21	9	2	..	..	..	..	5	5	3	..	3	..
122.	Hernia, intestinal obstruction	M.	51	10	5	5	2	1	..	..	3	11	11	..	3	..
		F.	27	7	2	..	..	..	..	..	2	8	4	..	4	..
	(*a*) Hernia	M.	18	2	1	1	..	1	..	..	1	7	4	..	1	..
		F.	12	..	1	..	..	..	..	..	..	4	4	..	3	..
	(*b*) Intestinal obstruction	M.	33	8	4	4	2	..	..	..	2	4	7	..	2	..
		F.	15	7	1	..	..	..	..	..	2	4	..	..	1	..
123.	Other diseases of the intestines	M.	1	..	..	..	1	..	..	..	..	..	..	..	..	..
		F.	2	1	..	..	..	..	..	..	..	..	1	..	..	..
124.	Cirrhosis of the liver	M.	9	..	..	..	..	1	..	..	..	3	1	..	4	..
		F.	9	..	..	..	..	..	..	..	1	2	4	..	2	..
	(*b*) Not specified as alcoholic	M.	9	..	..	..	..	1	..	..	..	3	1	..	4	..
		F.	9	..	..	..	..	..	..	..	1	2	4	..	2	..
125.	Other diseases of the liver	M.	2	..	1	..	..	..	..	..	..	..	1	..	..	..
		F.	4	2	..	..	..	..	..	..	1	1	..	..	..	..
	(*a*) Yellow atrophy of the liver	M.	1	..	..	..	..	..	..	..	..	..	1	..	..	..
		F.	3	2	..	..	..	..	..	..	1	..	..	..	..	..
	(*b*) Other diseases of the liver	M.	1	..	1	..	..	..	..	..	..	..	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
126.	Biliary calculi	M.	5	..	..	..	1	..	..	..	..	1	3	..	..	..
		F.	14	..	..	..	..	..	..	..	3	6	1	..	4	..
127.	Other diseases of the gall-bladder and biliary passages	M.	15	2	1	..	..	..	..	..	..	5	7	..	..	..
		F.	20	..	1	1	..	..	..	1	4	5	2	..	6	..
129.	Peritonitis, cause not specified	M.	4	..	..	..	1	..	..	..	1	2	..	..	..	..
		F.	7	5	..	..	..	..	..	..	..	1	..	..	1	..
	Class X—Diseases of the genito-urinary system	total	337	13	9	4	11	12	..	5	32	69	81	1	100	..
		M.	190	7	5	4	7	10	..	..	10	36	63	1	47	..
		F.	147	6	4	..	4	2	..	5	22	33	18	..	53	..
130.	Acute nephritis (including unspecified, under 10 years of age)	M.	9	3	..	..	..	1	..	..	1	2	2	..	..	..
		F.	6	2	..	..	..	..	..	1	..	1	..	..	2	..
131.	Chronic nephritis	M.	103	2	2	2	5	7	..	..	5	26	30	..	24	..
		F.	104	2	3	..	2	1	..	1	13	26	14	..	42	..
132.	Nephritis not specified (10 years and over)	M.	10	..	..	1	1	..	..	..	..	3	2	1	2	..
		F.	12	..	..	..	1	..	..	1	1	2	2	..	5	..
133.	Other diseases of the kidneys and annexa	M.	15	2	2	1	..	..	..	..	3	1	4	..	2	..
		F.	8	2	..	..	..	..	..	..	1	2	1	..	2	..
134.	Calculi of the urinary passages	M.	4	..	..	..	..	..	..	..	1	1	1	..	1	..
		F.	2	..	..	..	..	..	..	..	1	..	..	..	1	..
135.	Diseases of the bladder (tumours excepted)	M.	3	..	1	..	..	..	..	..	..	..	1	..	1	..
136.	Diseases of the urethra, urinary abscess, etc.	M.	1	..	..	..	1	..	..	..	..	..	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
	(*b*) Others under this title	M.	1	..	..	..	1	..	..	..	..	..	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..

CONDITION, NATIVITY AND MONTH OF DEATH, 1931.

Nativity					Months												Int. List No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
439	71	40	98	1	50	34	31	39	61	47	59	58	83	80	58	49	
252	44	25	61	1	24	23	18	20	35	33	40	33	45	46	37	29	
187	27	15	37	..	26	11	13	19	26	14	19	25	38	34	21	20	
12	5	3	6	..	1	..	..	2	6	2	2	2	4	3	3	1	115
11	1	1	1	..	3	1	2	2	..	..	..	2	2	..	1	1	
3	3	..	4	..	..	..	..	..	4	2	..	1	2	..	1	..	115a
3	..	..	1	..	1	1	..	..	..	..	..	1	1	..	..	..	
7	1	1	1	..	1	..	..	1	2	..	1	1	..	2	2	..	115b
5	..	..	..	..	1	..	1	1	..	..	..	1	..	..	1	..	
2	1	2	1	..	..	..	..	1	..	..	1	..	2	1	..	1	115c
3	1	1	..	..	1	..	1	1	..	..	..	..	1	..	..	1	
10	12	3	10	1	1	1	2	2	7	3	6	2	2	3	4	3	117
2	2	1	4	..	..	..	..	..	4	1	1	1	1	..	..	1	
8	9	1	7	..	1	1	2	2	5	..	5	..	2	3	2	2	117a
..	2	..	4	..	..	..	..	..	2	1	..	1	1	..	..	1	
2	3	2	3	1	..	..	..	..	2	3	1	2	..	..	2	1	117b
2	..	1	..	..	..	..	..	..	2	..	1	..	..	..	..	..	
14	..	3	2	..	3	4	3	1	3	1	1	..	1	..	2	..	118
6	3	..	3	..	1	..	1	2	1	1	..	2	2	1	..	1	
117	..	..	..	..	6	3	4	1	5	10	10	17	22	22	9	8	119
80	..	..	..	..	6	1	1	5	2	3	6	10	15	21	7	3	
10	..	3	2	..	2	..	1	..	1	2	1	1	2	5	..	..	120
16	1	..	3	..	..	..	1	1	..	1	1	3	5	5	1	2	
8	..	3	2	..	2	..	1	..	1	..	1	1	2	5	..	..	120a
14	1	..	2	..	..	..	1	1	..	1	1	2	5	4	..	2	
2	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	120b
2	..	..	1	..	..	..	..	..	..	..	..	1	..	1	1	..	
49	13	9	12	..	6	7	5	4	8	10	11	6	7	7	4	8	121
36	3	3	6	..	6	2	2	5	9	1	6	3	6	3	3	2	
21	9	3	18	..	3	7	1	6	1	4	5	2	3	5	11	3	122
14	5	3	5	..	3	2	3	..	2	2	2	..	2	1	5	5	
6	3	1	8	..	..	2	1	3	..	1	3	1	..	2	3	2	122a
3	5	2	2	..	1	..	2	..	1	1	1	..	..	..	4	2	
15	6	2	10	..	3	5	..	3	1	3	2	1	3	3	8	1	122b
11	..	1	3	..	2	2	1	..	1	1	1	..	2	1	1	3	
1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	123
1	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	..	
4	1	..	4	..	..	1	2	2	..	1	1	..	..	..	1	1	124
..	4	..	5	..	1	1	..	..	3	1	1	1	1	..	..	..	
4	1	..	4	..	..	1	2	2	..	1	1	..	..	..	1	1	124b
..	4	..	5	..	1	1	..	..	3	1	1	1	1	..	..	..	
1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	125
2	..	1	1	..	..	1	1	..	..	..	..	..	..	..	1	1	
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	125a
2	..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	1	
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	125b
..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	
2	1	..	2	..	..	..	..	..	1	..	..	..	2	..	..	2	126
4	5	3	2	..	1	2	..	2	..	1	1	..	3	1	1	2	
9	2	1	3	..	1	..	..	2	2	..	3	1	2	1	3	..	127
8	3	3	6	..	4	1	2	1	5	1	..	2	1	..	2	1	
2	1	..	1	..	1	..	..	..	1	..	..	1	..	..	..	1	129
7	..	..	..	..	1	..	..	1	..	1	..	1	..	2	..	1	
131	49	32	123	2	33	22	28	29	23	24	35	23	26	24	28	42	
74	32	15	67	2	13	12	12	18	14	15	20	17	14	13	16	26	
57	17	17	56	..	20	10	16	11	9	9	15	6	12	11	12	16	
6	..	1	2	..	..	1	1	2	..	2	1	..	..	..	..	2	130
2	1	1	2	..	1	..	..	1	1	1	1	1	..	..	..	..	
38	13	8	42	2	7	8	7	8	10	4	12	8	6	9	7	17	131
41	11	9	43	..	10	6	12	9	6	5	11	5	10	11	7	12	
4	3	..	3	..	..	1	3	1	..	2	..	2	..	1	..	..	132
7	2	..	3	..	5	1	3	..	..	..	..	..	1	..	1	1	
6	2	1	6	..	3	..	..	..	..	2	..	4	1	..	4	1	133
3	1	2	2	..	3	1	1	..	..	1	..	..	1	..	..	1	
2	..	..	2	..	..	..	..	1	..	1	..	..	1	..	1	..	134
..	..	..	2	..	..	..	..	..	1	..	1	..	..	..	..	..	
2	1	..	..	..	..	..	..	1	..	..	1	..	1	..	..	..	135
..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	136
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	136b
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	

TABLE CXVIII.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. List No.	CAUSES OF DEATH		Total	Conjugal Condition												
				Single						Married					Wid-owed	Not stated
				Und'r 15 years	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated		
137.	Diseases of the prostate	M.	44	..	..	..	..	2	..	..	..	2	23	..	17	..
138.	Diseases of the male genital organs (not specified as venereal)	M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
139.	Diseases of the female genital organs (not specified as venereal)	F.	14	..	1	..	1	1	..	2	6	2	1	..	..	..
	(*a*) Of the ovary, Fallopian tube and parametrium	F.	8	..	1	..	..	1	..	..	6	..	..	..	..	..
	(*b*) Of the uterus	F.	4	..	..	..	1	..	..	1	..	1	1	..	..	..
	(*d*) Others under this title	F.	2	..	..	..	..	..	..	1	..	1	..	..	..	..
	Class XI—Diseases of pregnancy, childbirth and the puerperal state	total	93	..	2	1	..	..	..	14	76	..	..	..	..	..
140.	Abortion with septic conditions	F.	12	..	..	..	..	..	..	1	11	..	..	..	..	..
	(*a*) Abortion	F.	8	..	..	..	..	..	..	..	8	..	..	..	..	..
	(*b*) Self-induced abortion.	F.	4	..	..	..	..	..	..	1	3	..	..	..	..	..
141.	Abortion without mention of septic conditions (haemorrhage included)	F.	4	..	..	..	..	..	..	..	4	..	..	..	..	..
	(*a*) Abortion	F.	2	..	..	..	..	..	..	..	2	..	..	..	..	..
	(*b*) Self-induced abortion.	F.	2	..	..	..	..	..	..	..	2	..	..	..	..	..
142.	Ectopic gestation	F.	5	..	..	..	..	..	..	..	5	..	..	..	..	..
	(*a*) With septic conditions	F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
	(*b*) Without mention of septic conditions	F.	4	..	..	..	..	..	..	..	4	..	..	..	..	..
143.	Other accidents of pregnancy (haemorrhage excluded)	F.	2	..	..	..	..	..	..	..	2	..	..	..	..	..
144.	Puerperal haemorrhage	F.	15	..	1	..	..	..	..	3	11	..	..	..	..	..
	(*a*) Placenta praevia	F.	6	..	..	..	..	..	..	1	5	..	..	..	..	..
	(*b*) Other haemorrhage	F.	9	..	1	..	..	..	..	2	6	..	..	..	..	..
145.	Puerperal septicaemia (not specified as consequent upon abortion)	F.	20	..	..	..	..	..	..	4	16	..	..	..	..	..
	(*a*) Puerperal septicaemia or pyaemia	F.	20	..	..	..	..	..	..	4	16	..	..	..	..	..
146.	Puerperal albuminuria and eclampsia	F.	15	..	1	1	..	..	..	3	10	..	..	..	..	..
147.	Other toxaemias of pregnancy	F.	2	..	..	..	..	..	..	1	1	..	..	..	..	..
148.	Puerperal phlegmasia, alba dolens, embolism or sudden death (not specified as septic)	F.	10	..	..	..	..	..	..	1	9	..	..	..	..	..
	(*b*) Embolism	F.	8	..	..	..	..	..	..	1	7	..	..	..	..	..
	(*c*) Sudden death	F.	2	..	..	..	..	..	..	..	2	..	..	..	..	..
149.	Other accidents of childbirth	F.	7	..	..	..	..	..	..	1	6	..	..	..	..	..
	(*a*) Caesarean section	F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
	(*b*) Dystocia	F.	3	..	..	..	..	..	..	..	3	..	..	..	..	..
	(*c*) Instrumental delivery	F.	1	..	..	..	..	..	..	1	..	..	..	..	..	..
	(*d*) Rupture of uterus in parturition	F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
	(*e*) Other accidents of labor	F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
150.	Other or not specified condition of the puerperal state	F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
	(*a*) Puerperal diseases of the breast	F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
	Class XII—Diseases of the skin and cellular tissue	total	12	7	..	..	1	..	..	..	1	1	..	..	2	..
		M.	6	2	..	..	1	..	..	..	1	1	..	..	1	..
		F.	6	5	..	..	..	..	..	..	..	..	..	..	1	..
151	Carbuncle	M.	2	..	..	..	..	..	..	..	..	1	..	..	1	..
		F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
152.	Cellulitis, acute abscess	M.	4	2	..	..	1	..	..	..	1	..	..	..	..	..
		F.	2	2	..	..	..	..	..	..	..	..	..	..	..	..
153.	Other diseases of the skin and annexa and of the cellular tissue	F.	3	2	..	..	..	..	..	..	..	..	..	..	1	..

NDITION, NATIVITY AND MONTH OF DEATH, 1931.

Nativity					Months												Int. List No.
nada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
16	11	5	12	..	3	2	1	4	4	4	6	3	5	3	4	5	137
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	138
3	2	5	4	..	1	2	..	1	1	2	2	..	..	..	3	2	139
..	2	3	3	..	..	2	..	1	..	1	2	..	..	..	2	..	139*a*
2	..	1	1	..	..	..	..	..	1	1	..	..	..	..	1	1	139*b*
1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	139*d*
39	21	12	20	1	5	10	12	12	6	10	10	4	3	4	11	6	
5	1	1	5	..	1	1	1	..	..	1	2	1	1	..	1	3	140
4	1	1	2	..	1	..	1	..	..	1	1	..	1	..	..	3	140*a*
1	..	..	3	..	..	1	..	..	..	..	1	1	..	..	1	..	140*b*
1	1	1	..	1	..	1	1	..	..	..	..	1	1	..	..	..	141
1	..	1	..	..	..	..	1	..	..	..	..	..	1	..	..	..	141*a*
..	1	..	..	1	..	1	..	..	..	..	..	1	..	..	..	..	141*b*
3	1	..	1	..	..	..	1	..	1	..	..	..	..	1	1	1	142
1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	142*a*
2	1	..	1	..	..	..	1	..	1	..	..	..	..	..	1	1	142*b*
..	..	..	2	..	..	..	..	..	..	..	1	1	..	..	..	..	143
6	2	2	5	..	..	2	1	4	..	1	1	1	..	..	4	1	144
2	2	..	2	..	..	1	1	..	..	..	1	1	..	..	2	..	144*a*
4	..	2	3	..	..	1	..	4	..	1	..	..	..	..	2	1	144*b*
9	7	1	3	..	2	2	3	3	2	3	2	..	..	..	2	1	145
9	7	1	3	..	2	2	3	3	2	3	2	..	..	..	2	1	145*a*
9	2	3	1	..	..	1	2	4	2	3	2	..	..	1	..	..	146
1	..	1	..	..	..	..	..	..	1	..	..	..	..	1	..	..	147
3	3	2	2	..	1	1	2	1	..	2	..	..	1	..	2	..	148
3	3	1	1	..	1	1	2	..	..	2	..	..	1	..	1	..	148*b*
..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	1	..	148*c*
2	3	1	1	..	1	1	1	..	..	..	2	..	..	1	1	..	149
..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	149*a*
..	1	1	1	..	..	..	..	..	..	..	1	..	..	1	1	..	149*b*
..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	149*c*
1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	149*d*
1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	149*e*
..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	150
..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	150*a*
10	..	..	1	..	1	..	1	2	..	..	3	..	..	..	3	2	
4	..	..	2	..	1	..	..	2	..	..	2	..	..	..	1	..	
6	..	..	..	..	..	..	1	..	..	..	1	..	..	..	2	2	
2	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	151
1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	
2	..	..	2	..	..	..	..	2	..	..	1	..	..	..	1	..	152
2	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	153

TABLE CXVIII.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. List No.	CAUSES OF DEATH		Total	Conjugal Condition												
					Single					Married					Wid-owed	Not stated
				Und'r 15 years	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated		
	Class XIII—Diseases of the bones and organs of locomotion	total	21	12	3	1	..	1	..	..	1	1	1	..	1	..
		M.	12	4	3	1	..	1	..	..	..	1	1	..	1	..
		F.	9	8	..	..	..	..	..	..	1	..	..	..	..	..
154.	Osteomyelitis	M.	6	2	3	..	..	..	..	..	..	1	..	..	..	..
		F.	8	7	..	..	..	..	..	..	1	..	..	..	..	..
155.	Other diseases of the bones (tuberculosis excepted)	M.	3	1	..	..	..	1	..	..	..	..	1	..	..	..
156.	Diseases of the joints and other organs of locomotion	M.	3	1	..	1	..	..	..	..	..	..	..	..	1	..
		F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
	(*a*) Of the joints (tuberculosis and rheumatism excepted)	M.	1	..	..	1	..	..	..	..	..	..	..	..	..	..
	(*b*) Of other organs of locomotion	M.	2	1	..	..	..	..	..	..	..	..	..	..	1	..
		F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
	Class XIV—Congenital Malformations	total	120	118	1	1	..	..	..	..	..	..	..	..	..	..
		M.	78	76	1	1	..	..	..	..	..	..	..	..	..	..
		F.	42	42	..	..	..	..	..	..	..	..	..	..	..	..
157.	Congenital malformations (stillbirths excluded)	M.	78	76	1	1	..	..	..	..	..	..	..	..	..	..
		F.	42	42	..	..	..	..	..	..	..	..	..	..	..	..
	(*a*) Congenital hydrocephalus	M.	14	14	..	..	..	..	..	..	..	..	..	..	..	..
		F.	5	5	..	..	..	..	..	..	..	..	..	..	..	..
	(*b*) Spina bifida and meningocele	M.	14	14	..	..	..	..	..	..	..	..	..	..	..	..
		F.	3	3	..	..	..	..	..	..	..	..	..	..	..	..
	(*c*) Congenital malformations of the heart	M.	33	32	1	..	..	..	..	..	..	..	..	..	..	..
		F.	23	23	..	..	..	..	..	..	..	..	..	..	..	..
	(*d*) Monstrosities	F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
	(*e*) Others under this title	M.	17	16	..	1	..	..	..	..	..	..	..	..	..	..
		F.	10	10	..	..	..	..	..	..	..	..	..	..	..	..
	Class XV—Diseases of early infancy	total	647	647	..	..	..	..	..	..	..	..	..	..	..	..
		M.	378	378	..	..	..	..	..	..	..	..	..	..	..	..
		F.	269	269	..	..	..	..	..	..	..	..	..	..	..	..
158.	Congenital debility	M.	54	54	..	..	..	..	..	..	..	..	..	..	..	..
		F.	44	44	..	..	..	..	..	..	..	..	..	..	..	..
159.	Premature birth	M.	217	217	..	..	..	..	..	..	..	..	..	..	..	..
		F.	159	159	..	..	..	..	..	..	..	..	..	..	..	..
160.	Injury at birth	M.	50	50	..	..	..	..	..	..	..	..	..	..	..	..
		F.	22	22	..	..	..	..	..	..	..	..	..	..	..	..
	(*b*) Without record of caesarean operation	M.	50	50	..	..	..	..	..	..	..	..	..	..	..	..
		F.	22	22	..	..	..	..	..	..	..	..	..	..	..	..
161.	Other diseases peculiar to early infancy	M.	57	57	..	..	..	..	..	..	..	..	..	..	..	..
		F.	44	44	..	..	..	..	..	..	..	..	..	..	..	..
	(*a*) Atelectasis	M.	8	8	..	..	..	..	..	..	..	..	..	..	..	..
		F.	10	10	..	..	..	..	..	..	..	..	..	..	..	..
	(*b*) Icterus of the new-born	M.	13	13	..	..	..	..	..	..	..	..	..	..	..	..
		F.	3	3	..	..	..	..	..	..	..	..	..	..	..	..
	(*c*) Sclerema and oedema	F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
	(*d*) Athrepsia (3 mos and under)	F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
	(*e*) Others, including lack of care	M.	28	28	..	..	..	..	..	..	..	..	..	..	..	..
		F.	27	27	..	..	..	..	..	..	..	..	..	..	..	..
	(*f*) Unspecified causes (under 3 months)	M.	8	8	..	..	..	..	..	..	..	..	..	..	..	..
		F.	2	2	..	..	..	..	..	..	..	..	..	..	..	..
	Class XVI—Senility	total	136	..	..	..	..	10	..	..	..	4	43	..	79	..
		M.	75	..	..	..	..	7	..	..	..	1	33	..	34	..
		F.	61	..	..	..	..	3	..	..	..	3	10	..	45	..
162.	Senility	M.	75	..	..	..	..	7	..	..	..	1	33	..	34	..
		F.	61	..	..	..	..	3	..	..	..	3	10	..	45	..
	(*a*) With senile dementia	M.	18	..	..	..	..	3	..	..	..	..	9	..	6	..
		F.	11	..	..	..	..	1	..	..	..	1	3	..	6	..
	(*b*) Without senile dementia (70 years and over)	M.	55	..	..	..	..	4	..	..	..	..	24	..	27	..
		F.	47	..	..	..	..	2	..	..	..	..	6	..	39	..
	(*c*) Premature senility (55 years but under 70 years)	M.	2	..	..	..	..	..	..	..	..	1	..	..	1	..
		F.	3	..	..	..	..	..	..	..	..	2	1	..	..	..
	Class XVII—Violent or accidental deaths	total	450	105	80	27	24	3	2	5	71	76	22	..	34	1
		M.	364	70	70	26	24	3	2	2	60	67	17	..	22	1
		F.	86	35	10	1	..	..	..	3	11	9	5	..	12	..
163–171.	Suicides	M.	64	..	11	4	6	1	1	1	9	21	3	..	7	..
		F.	12	..	2	..	..	..	..	1	5	2	..	..	2	..
163.	Suicide by solid or liquid poisons or by absorption of corrosive substances	M.	9	..	1	1	..	1	..	1	1	3	..	..	1	..
		F.	9	..	2	..	..	..	..	1	4	2	..	..	..	..
164.	Suicide by poisonous gas	M.	3	..	..	..	..	..	..	..	..	3	..	..	..	..

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Nativity					Months												Int. List No.
		Foreign															
ıada	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
15	2	..	4	..	1	1	3	1	2	2	..	2	3	1	4	1	
7	2	..	3	..	1	1	2	..	1	1	..	1	3	..	1	1	
8	..	..	1	..	..	..	1	1	1	1	..	1	..	1	3	..	
4	..	..	2	..	1	..	2	..	1	..	..	..	2	..	..	..	154
7	..	..	1	..	..	..	1	1	..	1	..	1	..	1	3	..	
1	1	..	1	..	..	1	..	..	..	1	..	..	..	..	..	1	155
2	1	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	156
1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	
1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	156*a*
1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	156*b*
1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	
117	..	2	1	..	8	12	13	11	13	4	12	4	8	10	10	15	
75	..	2	1	..	5	9	8	7	11	3	3	2	4	8	7	11	
42	..	..	..	..	3	3	5	4	2	1	9	2	4	2	3	4	
75	..	2	1	..	5	9	8	7	11	3	3	2	4	8	7	11	157
42	..	..	..	..	3	3	5	4	2	1	9	2	4	2	3	4	
14	..	..	..	..	..	3	2	..	1	..	..	..	1	3	3	1	157*a*
5	..	..	..	..	1	..	..	1	..	1	1	..	..	..	..	1	
14	..	..	..	..	2	3	2	1	..	1	1	1	..	2	..	1	157*b*
3	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	
31	..	2	..	..	2	2	3	3	6	2	2	..	2	3	3	5	157*c*
23	..	..	..	..	1	2	4	2	1	..	7	1	3	1	..	1	
1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	157*d*
16	..	..	1	..	1	1	1	3	4	..	..	1	1	..	1	4	157*e*
10	..	..	..	..	..	1	1	1	1	..	1	..	1	1	1	2	
646	..	1	..	..	61	37	50	67	54	43	51	55	52	59	57	61	
377	..	1	..	..	41	20	28	39	36	24	27	34	25	38	32	34	
269	..	..	..	..	20	17	22	28	18	19	24	21	27	21	25	27	
53	..	1	..	..	5	3	3	6	4	4	1	4	3	7	5	9	158
44	..	..	..	..	1	3	3	5	3	4	2	2	5	3	3	10	
217	..	..	..	..	26	9	15	20	20	12	22	23	15	23	16	16	159
159	..	..	..	..	11	10	15	17	11	9	17	9	18	14	17	11	
50	..	..	..	..	5	4	2	7	5	3	2	4	5	5	4	4	160
22	..	..	..	..	5	1	..	2	..	2	3	4	1	2	1	1	
50	..	..	..	..	5	4	2	7	5	3	2	4	5	5	4	4	160*b*
22	..	..	..	..	5	1	..	2	..	2	3	4	1	2	1	1	
57	..	..	..	..	5	4	8	6	7	5	2	3	2	3	7	5	161
44	..	..	..	..	3	3	4	4	4	4	2	6	3	2	4	5	
8	..	..	..	..	..	..	..	..	1	3	..	2	..	..	2	..	161*a*
10	..	..	..	..	1	1	..	1	..	1	..	2	..	..	2	2	
13	..	..	..	..	1	2	3	2	..	1	1	..	..	1	..	2	161*b*
3	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	..	
1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	161*c*
1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	161*d*
28	..	..	..	..	3	2	5	2	5	1	1	1	1	1	4	2	161*e*
27	..	..	..	..	2	1	3	3	3	3	1	4	2	1	2	2	
8	..	..	..	..	1	..	..	2	1	..	..	..	1	1	1	1	161*f*
2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	
50	18	9	56	3	12	15	13	4	8	12	15	10	6	15	14	12	
23	10	7	33	2	3	11	9	2	4	5	5	6	4	10	8	8	
27	8	2	23	1	9	4	4	2	4	7	10	4	2	5	6	4	
23	10	7	33	2	3	11	9	2	4	5	5	6	4	10	8	8	162
27	8	2	23	1	9	4	4	2	4	7	10	4	2	5	6	4	
8	3	1	5	1	..	4	1	1	1	3	1	1	..	4	1	1	162*a*
8	1	..	2	..	1	1	1	..	1	2	1	1	1	1	..	1	
14	7	6	27	1	3	6	8	1	3	2	4	5	4	6	7	6	162*b*
17	7	2	20	1	8	3	3	1	3	5	7	3	1	4	6	3	
1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	162*c*
2	..	..	1	..	..	..	..	1	..	..	2	..	..	..	..	..	
259	58	36	92	5	18	31	38	33	37	36	68	53	45	28	30	33	
197	51	30	82	4	12	25	33	27	33	28	53	46	34	21	26	26	
62	7	6	10	1	6	6	5	6	4	8	15	7	11	7	4	7	
25	11	12	15	1	3	2	13	7	7	3	4	4	8	2	5	6	163–171
4	2	2	3	1	1	1	..	1	1	..	2	1	1	1	1	2	
2	1	3	3	..	..	1	1	..	1	..	..	1	2	..	2	1	163
2	2	2	2	1	1	1	..	1	1	..	1	..	1	1	1	1	
2	..	..	1	..	..	..	..	..	1	1	..	..	1	..	..	..	164

TABLE CXVIII.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. List No.	CAUSES OF DEATH		Total	Conjugal Condition												
					Single					Married					Widowed	Not stated
				Und'r 15 years	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated		
165.	Suicide by hanging or strangulation	M.	19	..	4	2	1	..	..	..	4	5	2	..	1	..
		F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
166.	Suicide by drowning	M.	2	..	..	..	2	..	..	..	..	..	..	..	..	..
167.	Suicide by firearms	M.	27	..	5	1	3	..	1	..	3	8	1	..	5	..
		F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
168.	Suicide by cutting or piercing instruments	M.	2	..	..	..	..	..	..	..	1	1	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
170.	Suicide by crushing	M.	1	..	1	..	..	..	..	..	..	..	..	..	..	..
171.	Suicide by other means	M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
173–175.	Homicides	M.	10	1	2	3	..	..	..	1	2	..	..	..	1	..
		F.	2	..	1	..	..	..	..	..	..	1	..	..	..	..
173.	Homicide of persons one year of age and over by firearms	M.	6	1	2	1	..	..	..	1	1	..	..	..	..	..
		F.	1	..	1	..	..	..	..	..	..	..	..	..	..	..
174.	Homicide of persons one year of age and over by cutting or piercing instruments	M.	1	..	..	1	..	..	..	..	..	..	..	..	..	..
175.	Homicide by other means	M.	3	..	..	1	..	..	..	..	1	..	..	..	1	..
		F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
176–198.	Accidental deaths	M.	290	69	57	19	18	2	1	..	49	46	14	..	14	1
		F.	72	35	7	1	..	..	..	2	6	6	5	..	10	..
177.	Food poisoning	M.	1	1	..	..	..	..	..	..	..	..	..	..	..	..
178.	Accidental absorption of toxic gases	M.	9	1	..	1	..	..	..	..	3	3	..	..	1	..
179.	Other acute accidental poisonings	M.	5	4	..	1	..	..	..	..	..	..	..	..	..	..
	(except by gas)	F.	9	7	..	..	..	..	..	1	..	..	..	..	1	..
180.	Conflagration	M.	8	5	1	..	1	..	..	..	..	..	..	..	1	..
		F.	4	3	1	..	..	..	..	..	..	..	..	..	..	..
181.	Accidental burns (conflagration excepted)	M.	15	9	..	1	..	..	..	..	2	2	1	..	..	..
		F.	7	5	..	..	..	..	..	..	2	..	..	..	..	..
182.	Accidental mechanical suffocation	M.	14	6	2	..	..	..	..	..	3	3	..	..	..	..
		F.	6	6	..	..	..	..	..	..	..	..	..	..	..	..
183.	Accidental drowning	M.	52	17	13	2	3	..	..	..	9	6	1	..	1	..
		F.	10	6	2	..	..	..	..	..	2	..	..	..	..	..
184.	Accidental injury by firearms	M.	18	2	5	..	1	1	..	.	5	3	..	..	1	..
185.	Accidental injury by cutting or piercing instruments	M.	6	1	1	1	..	..	..	..	1	2	..	..	..	..
186.	Accidental injuries resulting from falling, crushing or landslide	M.	113	12	25	8	9	..	1	..	22	18	8	..	9	1
		F.	26	4	3	1	..	..	..	1	..	6	4	..	7	..
187.	Cataclysm	M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
188.	Injuries inflicted by animals	M.	24	5	2	3	1	..	..	..	4	4	4	..	1	..
		F.	4	2	1	..	..	..	..	..	1	..	..	..	..	..
189.	Hunger or thirst	F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..
190.	Excessive cold	M.	4	..	..	..	2	1	..	..	..	1	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	..	1	..	..	..
191.	Excessive heat	M.	8	3	2	1	..	..	..	..	..	2	..	..	..	..
		F.	3	2	..	..	..	..	..	..	..	..	..	..	1	..
192.	Lightning	M.	1	..	1	..	..	..	..	..	..	..	..	..	..	..
194.	Other accidents	M.	10	3	5	1	..	..	..	..	..	1	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
	(a) Foreign body	M.	4	3	..	1	..	..	..	..	..	..	..	..	..	..
	(b) Others under this title	M.	6	..	5	..	..	..	..	..	..	1	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
198.	Capital punishment	M.	1	..	..	..	1	..	..	..	..	..	..	..	..	..
	Class XVIII—Ill-defined causes of death	total	60	28	2	1	2	..	1	1	2	7	7	..	9	..
		M.	35	13	1	1	2	..	1	..	1	4	5	..	7	..
		F.	25	15	1	..	..	..	..	1	1	3	2	..	2	..
199.	Sudden death	M.	18	..	..	1	2	..	1	..	1	4	5	..	4	..
		F.	7	..	..	..	..	..	..	1	..	2	2	..	2	..
200.	Cause of death not specified or ill-defined	M.	17	13	1	..	..	..	..	..	..	..	..	..	3	..
		F.	18	15	1	..	..	..	..	..	1	1	..	..	..	..

SPECIAL CLASSES OF ACCIDENTAL DEATHS (INCLUDED ALSO UNDER THE NUMBER

B.	Accidents caused by machines	M.	15	1	4	1	..	..	..	..	2	7	..	..	..	..
C.	Railway accidents	M.	20	2	3	4	1	..	..	..	7	1	1	..	..	1
		F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
D.	Street car accidents	M.	1	..	1	..	..	..	..	..	..	..	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..
E.	Automobile and motorcycle accidents	M.	39	2	6	4	2	..	..	..	15	8	..	..	2	..
		F.	11	4	1	1	..	..	..	1	..	3	..	..	1	..
F.	Other land transportation	M.	23	4	5	..	2	..	1	..	3	2	4	..	2	..
		F.	1	..	1	..	..	..	..	..	..	..	..	..	..	..
G.	Water transportation	M.	2	..	1	..	..	..	..	..	1	..	..	..	..	..
H.	Air transportation	M.	2	..	2	..	..	..	..	..	..	..	..	..	..	..

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Nativity					Months												Int. List No.
anada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
8	2	5	4	..	3	..	5	3	1	..	2	2	2	1	..	..	165
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
..	1	..	1	..	..	..	..	..	1	..	..	..	..	..	1	..	166
13	6	4	3	1	..	1	6	4	2	2	2	1	3	1	2	3	167
1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	
..	1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	1	168
..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	
..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	170
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	171
4	1	1	4	..	..	..	..	1	2	1	1	1	2	1	..	1	173–175
2	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	
2	..	..	4	..	..	..	..	..	1	..	1	..	2	1	..	1	173
1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	
..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	174
2	1	..	..	..	..	..	..	1	1	..	..	1	..	..	..	..	175
1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	
168	39	17	63	3	9	23	20	19	24	24	48	41	24	18	21	19	176–198
56	5	4	7	..	5	5	4	4	3	8	13	6	10	6	3	5	
1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	177
3	2	3	1	..	1	..	2	..	2	2	..	..	..	2	..	..	178
5	..	..	..	..	..	1	..	..	..	1	1	2	..	..	..	..	179
7	..	..	2	..	1	..	1	..	..	..	1	..	5	1	..	..	
6	1	..	1	..	..	..	1	1	..	..	..	..	4	1	1	..	180
4	..	..	..	..	..	..	1	..	..	..	..	..	2	..	..	1	
13	..	2	..	..	1	..	1	..	..	1	1	4	1	1	2	3	181
6	..	1	..	..	1	1	..	..	2	..	..	..	2	1	..	..	
9	1	1	3	..	..	1	..	..	2	..	6	2	1	..	1	1	182
6	..	..	..	..	..	1	1	1	..	1	..	..	1	1	..	..	
32	4	2	14	..	1	2	..	4	5	9	16	9	3	1	2	..	183
8	..	2	..	..	1	..	..	..	..	1	7	1	..	..	..	..	
11	4	..	3	..	2	3	2	3	1	..	1	..	2	2	1	1	184
3	..	1	2	..	1	2	..	1	..	..	..	2	..	..	..	..	185
59	18	5	28	3	3	10	10	5	8	8	11	16	9	11	11	11	186
16	4	1	5	..	2	1	..	3	..	4	2	4	..	3	3	4	
1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	187
11	4	3	6	..	..	1	3	3	4	1	5	3	1	..	3	..	188
4	..	..	..	..	..	1	..	..	1	1	1	..	..	..	..	..	
1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	189
1	3	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	190
..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	
6	1	..	1	..	..	..	..	..	..	1	5	2	..	..	..	..	191
3	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..	
..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	192
7	1	..	2	..	..	..	1	2	1	1	2	..	2	..	..	1	194
1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	
3	..	..	1	..	..	..	..	..	..	1	1	..	1	..	..	1	194*a*
4	1	..	1	..	..	..	1	2	1	..	1	..	1	..	..	..	194*b*
1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	
..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	198
43	5	3	8	1	4	5	9	6	5	4	5	4	5	4	5	4	
21	3	3	7	1	3	2	5	2	4	2	4	3	2	2	5	1	
22	2	..	1	..	1	3	4	4	1	2	1	1	3	2	..	3	
7	3	2	5	1	1	1	2	1	4	..	2	1	1	1	3	1	199
4	2	..	1	..	..	1	..	1	..	2	1	1	..	..	..	1	
14	..	1	2	..	2	1	3	1	..	2	2	2	1	1	2	..	200
18	..	..	..	..	1	2	4	3	1	..	..	..	3	2	..	2	

? THE INTERNATIONAL LIST ABOVE), SASKATCHEWAN, 1931.

7	2	3	3	..	1	2	..	3	2	2	1	1	2	1	..	..	
11	2	..	6	1	2	..	1	1	1	3	4	3	1	1	1	2	
..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	
..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	
..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	
21	10	3	4	1	..	3	2	..	5	2	2	8	4	4	7	2	
7	2	1	1	..	1	1	..	2	..	..	2	2	..	1	1	1	
8	1	1	12	1	..	4	3	1	1	1	2	2	..	3	4	2	
1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	
2	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	
2	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	

TABLE CXIX.—CAUSES OF DEATH BY SEX AND AGE, 1931.

Int. List No.	Causes of death	Total	AGES																									Int. List No.
			Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs.	35 to 39 yrs.	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 to 79 yrs.	80 to 84 yrs.	85 yo 89 yrs.	90 yo 94 yrs.	95 yo 99 yrs.	100 yrs. and over	Not stated	
	Deaths—All causes Total	6,066	1,463	177	87	49	36	148	132	159	192	161	163	197	226	272	304	315	298	387	463	355	274	139	35	21	1	12	
	M.	3,443	851	88	46	25	18	82	70	88	112	89	74	97	143	157	193	197	188	217	260	190	162	64	15	7	..	10	
	F.	2,623	612	89	41	24	18	66	62	71	80	72	89	100	83	115	111	118	110	170	203	165	112	75	20	14	1	2	
	Class I—Infectious and parasitic diseases Total	820	147	43	37	18	15	62	45	44	64	42	42	41	35	38	28	22	14	19	18	20	10	10	2	2	..	2	
	M.	419	81	19	18	8	9	32	26	19	35	18	20	19	23	24	10	15	10	8	8	8	5	3	..	..	..	1	
	F.	401	66	24	19	10	6	30	19	25	29	24	22	22	12	14	18	7	4	11	10	12	5	7	2	2	..	1	
1	Typhoid fever M.	15	..	..	..	..	..	1	..	1	3	4	1	..	1	..	2	..	1	..	1	..	..	..	..	..	..	..	..	1
	F.	10	..	..	..	1	..	1	..	2	2	..	..	..	..	1	2	..	..	1	..	..	..	..	..	..	..	..	
7	Measles M.	10	8	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
	F.	7	1	1	..	..	..	2	1	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
8	Scarlet fever M.	9	..	..	2	1	1	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
	F.	6	1	..	2	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
9	Whooping cough M.	26	20	3	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9
	F.	28	16	7	3	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
10	Diphtheria M.	23	2	1	4	2	2	7	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
	F.	16	1	..	..	2	1	6	2	..	2	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	
11	Influenza M.	109	34	4	4	3	..	3	3	1	5	2	1	3	5	5	4	4	3	3	7	7	5	3	..	..	..	..	11
	F.	142	35	9	6	2	1	8	1	5	2	7	2	10	5	4	5	5	2	5	6	10	2	7	1	2	..	..	
	(*a*) Sole cause M.	18	12	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	11*a*
	F.	25	9	1	..	..	1	3	1	..	..	..	1	..	..	..	..	..	..	1	1	2	..	4	1	..	..	..	
	(*b*) With bronchitis M.	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11*b*
	F.	5	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	
	(*c*) With pneumonia M.	48	14	3	2	1	..	1	2	1	3	2	1	1	3	1	3	3	2	1	1	1	2	..	..	..	..	..	11*c*
	F.	64	21	3	4	1	..	3	..	2	2	5	1	4	4	..	2	2	..	3	1	5	..	1	..	..	..	..	
	(*d*) With other respiratory diseases M.	7	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	2	..	2	..	..	..	..	..	..	11*d*
	F.	9	..	1	..	..	..	..	..	1	..	..	..	1	..	..	1	1	..	..	1	1	..	1	..	1	..	..	
	(*e*) With intestinal complications M.	4	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	11*e*
	F.	7	1	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	1	..	..	..	..	..	..	1	..	..	
	(*f*) With other causes M.	29	4	..	1	1	..	2	1	..	..	..	..	1	1	3	1	1	1	..	6	4	1	1	..	..	..	..	11*f*
	F.	32	2	3	2	1	..	2	..	2	..	2	..	3	1	4	2	..	1	..	3	2	1	1	..	..	..	..	
13	Dysentery M.	8	2	2	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	13
	F.	11	2	..	1	1	1	1	1	..	..	..	2	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	
15	Erysipelas M.	12	5	..	1	..	..	..	..	..	..	..	1	1	2	..	..	2	..	..	..	..	..	..	..	..	..	..	15
	F.	5	1	..	..	..	..	..	..	..	..	1	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	
16	Poliomyelitis and polioencephalitis (acute) M.	6	..	1	..	..	1	1	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	5	1	..	..	..	..	1	..	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	16

17	Epidemic or lethargic encephalitis	M.	3	..	..	..	..	..	..	1	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	17
		F.	2	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
18	Epidemic cerebrospinal meningitis	M.	9	2	2	1	..	1	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	18
		F.	4	..	1	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
23–32	Tuberculosis	M.	174	6	5	4	1	3	15	13	13	26	10	15	14	13	15	2	9	4	4	..	1	..	..	..	..	..	1	23–32
		F.	152	5	4	6	3	2	10	10	16	22	12	16	10	6	7	8	2	2	4	4	1	1	..	..	..	..	1	
23	Tuberculosis of the respiratory system	M.	141	4	..	2	..	3	8	8	9	25	8	15	13	13	13	2	9	4	3	..	1	..	..	..	..	..	1	23
		F.	118	1	1	3	2	1	8	6	14	20	11	13	9	5	4	8	1	2	3	3	1	1	..	..	..	..	1	
24	Tuberculosis of the meninges and central nervous system	M.	19	2	4	1	1	..	4	3	2	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	24
		F.	17	2	2	3	..	1	2	3	1	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	
25	Tuberculosis of the intestines and peritoneum	M.	4	..	1	..	..	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25
		F.	10	2	1	..	1	..	..	1	1	1	..	1	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	
26	Tuberculosis of the vertebral column	M.	3	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26
		F.	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	
27	Tuberculosis of the bones and joints (vertebral column excepted)	M.	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27
27*b*	(*b*) Of joints	M.	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27*b*
28	Tuberculosis of the skin and sub-cutaneous cellular tissue	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	28
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	
29	Tuberculosis of the lymphatic system (mesenteric, retro-peritoneal and bronchial glands excepted)	M.	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29
30	Tuberculosis of the genito-urinary system	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	30
		F.	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
32	Disseminated tuberculosis	M.	3	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32
		F.	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	
32*a*	(*a*) Acute	M.	2	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32*a*
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	
32*b*	(*b*) Chronic	F.	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32*b*
32*c*	(*c*) Not specified	M.	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32*c*
34	Syphilis	M.	6	2	..	..	..	..	..	..	..	..	..	..	..	1	2	1	..	..	..	..	..	..	..	..	..	..	..	34
		F.	6	2	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	

TABLE CXIX.—CAUSES OF DEATH BY SEX AND AGE, 1931—*Continued.*

Int. List No.	Causes of Death		Total	AGES																								Int. List No.
				Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs.	35 to 39 yrs.	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 to 79 yrs.	80 to 84 yrs	85 to 89 yrs.	90 to 94 yrs.	95 to 99 yrs.	100 yrs. and over	Not stated	
36	Purulent infection, septicaemia (non-puerperal)	M.	5	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	2	..	..	..	..	..	..	..	..	..	36
		F.	3	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	
39	Other diseases due to protozoal parasites	M.	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	39
43	Mycoses	M.	3	..	..	..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	43
44	Other infectious or parasitic diseases	F.	4	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	44
	(*a*) Chicken-pox	F.	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	44*a*
	(*c*) Others under this title	F.	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	44*c*
	Class II—Cancer and other tumours	Total	616	1	3	1	..	..	4	5	3	5	12	9	18	33	54	85	71	73	81	74	46	30	4	1	1	..	2	
		M.	346	..	1	1	..	..	2	2	1	4	9	2	8	19	21	43	43	44	49	45	31	15	2	1	1	..	2	
		F.	270	1	2	..	..	..	2	3	2	1	3	7	10	14	33	42	28	29	32	29	15	15	2	..	..	..	..	
45–53	Cancer and other malignant tumours	M.	330	..	1	1	..	..	2	1	1	3	7	2	7	19	19	41	42	42	46	44	31	15	2	1	1	..	2	45–53
		F.	255	..	2	..	..	..	2	3	2	..	2	6	9	13	30	40	28	28	31	28	15	14	2	..	..	..	..	
45	Cancer of the buccal cavity and pharynx	M.	20	..	..	..	..	..	1	..	..	..	..	..	..	..	..	2	1	3	3	3	5	..	2	..	..	..	..	45
		F.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	
46	Cancer of the digestive tract and peritoneum	M.	207	..	..	..	..	..	..	..	..	2	3	1	3	13	17	29	24	26	30	26	20	10	..	1	..	..	2	46
		F.	116	..	..	..	..	..	..	1	1	..	..	2	2	6	8	14	14	16	13	22	8	8	1	..	..	..	..	
	(*a*) Of the oesophagus	M.	6	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	1	1	..	..	..	..	..	46*a*
		F.	4	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	1	..	..	..	..	..	..	
	(*b*) Of the stomach and duodenum	M.	138	..	..	..	..	..	..	..	..	..	1	..	2	10	10	24	16	16	21	18	14	4	..	1	..	..	1	46*b*
		F.	45	..	..	..	..	..	..	..	..	..	..	1	1	2	5	2	5	8	6	11	2	1	1	..	..	..	..	
	(*c*) Of the rectum	M.	8	..	..	..	..	..	..	..	..	..	1	..	..	..	2	..	1	2	..	..	2	..	..	..	..	..	..	46*c*
		F.	6	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	2	..	..	1	1	..	..	..	..	..	..	
	(*d*) Of the liver and biliary ducts	M.	23	..	..	..	..	..	..	..	..	..	1	..	..	1	1	2	2	4	3	2	3	3	..	..	..	..	1	46*d*
		F.	28	..	..	..	..	..	..	1	..	..	..	..	1	1	..	3	3	4	4	3	2	6	..	..	..	..	..	
	(*e*) Of the pancreas	M.	5	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	1	..	..	..	1	..	..	..	..	..	46*e*
		F.	6	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	1	1	..	1	..	..	..	..	..	
	(*f*) Of the peritoneum	F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	46*f*
	(*g*) Of other organs	M.	27	..	..	..	..	..	..	..	..	2	..	1	1	1	3	2	3	2	6	5	..	1	..	..	..	..	..	46*g*
		F.	26	..	..	..	..	..	..	..	1	..	..	..	..	2	2	6	2	3	2	6	2	..	..	..	..	..	..	

47	Cancer of the respiratory organs	M.	20	..	..	..	..	..	1	..	..	..	..	1	2	3	..	4	4	1	4	..	..	..	..	..	..	..	..	47
		F.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	47a
	(a) Of the larynx	M.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	47b
	(b) Of the lung	M.	16	..	..	..	..	..	1	..	..	..	..	1	2	2	..	4	3	..	3	..	..	..	..	..	..	..	..	47c
	(c) Of the mediastinum	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	48
		F.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	48a
48	Cancer of the uterus	F.	44	..	..	..	..	..	..	..	..	..	1	2	1	4	8	7	4	3	6	3	3	2	..	..	..	..	..	48b
	(a) Of the uterus	F.	31	..	..	..	..	..	..	..	..	..	..	2	1	2	5	5	2	3	5	2	2	2	..	..	..	..	..	49
	(b) Of the cervix uteri	F.	13	..	..	..	..	..	..	..	..	..	1	..	..	2	3	2	2	..	1	1	1	..	..	..	..	..	..	50
49	Cancer of other female genital organs	F.	9	..	..	..	..	..	..	..	..	..	..	1	1	..	3	2	..	1	1	..	..	..	..	..	..	..	..	51
50	Cancer of the breast	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	51a
		F.	53	..	..	..	..	..	..	..	..	..	..	1	4	3	10	14	4	3	6	3	2	3	..	..	..	..	..	51b
51	Cancer of the male genito-urinary organs	M.	44	..	..	1	..	..	..	..	..	..	1	..	1	1	1	3	6	8	8	8	3	3	..	..	..	..	..	51c
	(a) Of the bladder	M.	12	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	2	2	2	..	1	3	..	..	..	..	..	51d
	(b) Of the kidney	M.	4	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	52
	(c) Of the prostate gland	M.	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	6	6	7	2	..	..	..	..	..	..	53
	(d) Of the testicle	M.	4	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	53a
52	Cancer of the skin	M.	5	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	2	1	..	..	..	..	..	..	53c
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	53d
53	Cancer of other or not specified organs	M.	33	..	1	..	..	..	..	1	1	1	3	..	1	2	..	3	6	4	1	4	2	2	..	..	1	..	..	53e
		F.	27	..	2	..	..	..	2	2	1	..	1	..	1	..	1	1	4	5	4	..	2	1	..	..	..	..	..	53f
	(a) Of the eye and orbit	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	53g
		F.	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	53h
	(c) Of the lymphatic system	M.	10	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	2	3	..	1	..	..	..	..	1	..	..	53i
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	53j
	(d) Of the female urinary organs	F.	6	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	1	..	..	..	..	..	..	..	..	
	(e) Of the bones and joints	M.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	
		F.	4	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	
	(f) Of the brain	M.	8	..	1	..	..	..	..	1	..	1	1	..	..	1	..	2	..	1	..	..	..	..	..	..	..	..	..	
		F.	3	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(g) Of the spine and spinal cord	F.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	
	(h) Of the neck	M.	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		F.	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
	(i) Of the pelvic viscera	M.	4	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	
		F.	4	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	
	(j) Of other specified organs	M.	5	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	2	..	..	..	..	..	
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	

TABLE CXIX.—CAUSES OF DEATH BY SEX AND AGE, 1931—*Continued.*

Int. List No.	Causes of Death	Total	AGES																								Int. List No.
			Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs.	35 to 39 yrs.	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 to 79 yrs.	80 to 84 yrs.	85 to 89 yrs.	90 to 94 yrs.	95 to 99 yrs.	100 yrs. and over	Not stated	
	(*k*) Multiple cancer....M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	53*k*
	F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	
54	Non-malignant tumours....M.	13	..	..	..	..	..	..	1	..	1	1	..	1	..	2	..	1	2	3	1	..	..	..	..	..	..	..	54
	F.	15	1	..	..	..	..	..	..	..	1	1	1	1	1	3	2	..	1	1	1	..	1	..	..	..	..	..	
	(*a*) Of the ovary.....F.	2	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	54*a*
	(*b*) Of the uterus.....F.	5	..	..	..	..	..	..	..	..	..	..	..	1	..	3	1	..	..	..	..	..	..	..	..	..	..	..	54*b*
	(*d*) Of the brain.....M.	6	..	..	..	..	..	..	1	..	..	1	..	1	..	1	..	1	1	..	..	..	..	..	..	..	..	..	54*d*
	F.	3	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	
	(*e*) Of the thyroid gland.....M.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	54*e*
	F.	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	
	(*f*) Of the prostate gland.....M.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	54*f*
	(*g*) Of other sites.....M.	3	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	54*g*
	F.	3	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	
55	Tumours, nature not specified.....M.	3	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	55
	(*d*) Of the brain.....M.	3	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	55*d*
	Class III—Rheumatic diseases, diseases of nutrition and of the endocrine glands and other general diseases.....Total	169	12	3	1	4	2	7	11	2	6	3	3	11	6	8	13	17	13	20	18	7	2	..	..	..	..	..	
	M.	79	5	1	1	1	1	5	5	1	2	3	..	2	5	6	7	9	5	7	9	2	2	..	..	..	..	..	
	F.	90	7	2	..	3	1	2	6	1	4	..	3	9	1	2	6	8	8	13	9	5	..	..	..	..	..	..	
56	Acute rheumatic feverM.	20	1	..	..	..	1	4	2	1	2	1	..	2	1	2	1	1	..	..	1	..	..	..	..	..	..	..	56
	F.	12	..	..	..	..	1	2	3	..	..	..	..	2	1	1	..	..	1	..	..	1	..	..	..	..	..	..	
57	Chronic rheumatism, osteo-arthritis.....M.	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	2	..	1	..	..	..	..	..	57
	F.	5	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	1	1	..	..	..	..	..	..	
59	Diabetes mellitus.....M.	40	..	..	..	..	..	1	1	..	..	2	..	..	4	1	5	7	4	6	6	2	1	..	..	..	..	..	59
	F.	45	1	..	..	..	..	..	2	1	2	..	1	1	..	..	5	7	7	10	5	3	..	..	..	..	..	..	
62	Pellagra.....F.	2	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	62
63	Rickets.....M.	4	2	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	63
	F.	4	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
64	Osteomalacia.....F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	64
65	Diseases of the pituitary gland .....M.	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	65

66	Diseases of the thyroid and parathyroid glands	M.	2	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	66
		F.	17	3	..	..	1	..	..	..	..	2	..	1	5	..	1	..	1	..	1	2	..	..	..	..	..	..	..	
	(*a*) Simple goitre	F.	4	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	1	..	..	..	..	..	..	..	66*a*
	(*b*) Exophthalmic goitre	M.	2	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	66*b*
		F.	9	..	..	..	..	..	..	..	..	2	..	..	5	..	1	..	..	..	..	1	..	..	..	..	..	..	..	
	(*c*) Myxoedema, cretinism	F.	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	66*c*
	(*d*) Tetany	F.	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	66*d*
67	Diseases of the thymus gland	M.	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	67
		F.	2	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
68	Diseases of the adrenals (Addison's disease)	M.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	68
69	Other general diseases	M.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	69
		F.	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	
	(*a*) Fatty or amyloid degeneration	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	69*a*
	(*c*) Others under this title	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	69*c*
		F.	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	
	Class IV—Diseases of the blood and blood forming organs	Total	60	1	2	2	..	1	2	3	3	4	2	3	4	7	3	3	2	3	7	6	2	..	..	..	..	..	..	
		M.	28	..	2	1	..	..	1	1	..	1	1	3	1	2	..	1	2	2	6	2	2	..	..	..	..	..	..	
		F.	32	1	..	1	..	1	1	2	3	3	1	..	3	5	3	2	..	1	1	4	..	..	..	..	..	..	..	
70	Hæmorrhagic diatheses	M.	2	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	70
		F.	5	1	..	1	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*a*) Simple purpura	M.	2	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	70*a*
		F.	4	1	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*b*) Hæmophilia	F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	70*b*
71	Anæmia	M.	15	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1	2	1	5	2	1	..	..	..	..	..	..	71
		F.	16	..	..	..	..	..	1	..	..	2	1	..	2	4	1	1	..	1	1	2	..	..	..	..	..	..	..	
	(*a*) Pernicious anæmia	M.	13	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	2	1	4	2	1	..	..	..	..	..	..	71*a*
		F.	16	..	..	..	..	..	1	..	..	2	1	..	2	4	1	1	..	1	1	2	..	..	..	..	..	..	..	
	(*b*) Others under this title	M.	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	71*b*
72	Leukæmia and aleukæmia	M.	9	..	2	..	..	..	..	..	..	1	1	1	1	1	..	..	..	1	..	..	1	..	..	..	..	..	..	72
		F.	8	..	..	..	..	..	..	..	2	1	..	..	1	1	1	1	..	..	..	1	..	..	..	..	..	..	..	
	(*a*) Leukæmia	M.	4	..	2	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	72*a*
		F.	6	..	..	..	..	..	..	..	1	1	..	..	..	1	1	1	..	..	..	1	..	..	..	..	..	..	..	
	(*b*) Aleukæmia (Hodgkin's disease)	M.	5	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	72*b*
		F.	2	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
73	Diseases of the spleen	M.	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	73
		F.	3	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	

TABLE CXIX.—CAUSES OF DEATH BY SEX AND AGE, 1931—*Continued.*

Int. List No.	Causes of Death	Total	AGES																								Int. List No.
			Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs.	35 to 39 yrs.	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 to 79 yrs.	80 to 84 yrs.	85 to 89 yrs.	90 to 94 yrs.	95 to 99 yrs.	100 yrs. and over	Not stated	
	Class V—Chronic poisonings and intoxications—Total	9	..	..	..	..	..	..	..	..	..	2	..	1	1	1	1	1	2	..	..	..	..	..	..	..	..	..	
	M.	9	..	..	..	..	..	..	..	..	..	2	..	1	1	1	1	1	2	..	..	..	..	..	..	..	..	..	
75	Alcoholism—M.	8	..	..	..	..	..	..	..	..	..	2	..	1	1	1	..	1	2	..	..	..	..	..	..	..	..	..	75
75*b*	(*b*) Acute alcoholism—M.	8	..	..	..	..	..	..	..	..	..	2	..	1	1	1	..	1	2	..	..	..	..	..	..	..	..	..	75*b*
76	Chronic poisoning, by other organic substances—M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	76
76*a*	(*a*) Chronic morphinism—M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	76*a*
	Class VI—Diseases of the nervous system and of the organs of special sense—Total	328	45	11	4	4	..	8	5	8	8	11	11	7	19	15	15	12	21	27	33	21	23	10	5	3	..	2	
	M.	179	26	3	2	2	..	5	3	7	4	9	6	4	13	7	8	7	10	12	19	7	14	5	3	1	..	2	
	F.	149	19	8	2	2	..	3	2	1	4	2	5	3	6	8	7	5	11	15	14	14	9	5	2	2	..	..	
78	Encephalitis (non-epidemic)—M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	78
	F.	2	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	
79	Simple meningitis—M.	9	2	1	..	1	..	2	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	79
	F.	6	2	2	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
80	Progressive locomotor ataxia—M.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	..	..	80
81	Other diseases of the spinal cord—M.	10	..	..	..	..	..	..	..	..	1	1	1	..	2	..	..	1	1	1	2	..	..	..	..	..	..	..	81
	F.	3	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	
82	Cerebral hæmorrhage, embolism or thrombosis—M.	69	..	..	..	..	..	..	..	1	..	..	1	..	1	3	4	5	5	8	14	5	13	5	3	1	..	..	82
	F.	73	..	..	..	..	..	..	..	..	..	..	..	..	1	4	4	5	7	9	14	13	8	4	2	2	..	..	
82*a*	(*a*) Cerebral hæmorrhage—M.	63	..	..	..	..	..	..	..	1	..	..	1	..	1	3	4	5	4	7	12	5	12	5	2	1	..	..	82*a*
	F.	58	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	4	4	8	12	12	6	3	2	2	..	..	
82*b*	(*b*) Cerebral embolism or thrombosis—M.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	82*b*
	F.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	
82*c*	(*c*) Softening of the brain—M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	82*c*
82*d*	(*d*) Hemiplegia and other paralysis, cause not specified—M.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	82*d*
	F.	13	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	1	3	1	1	..	2	1	..	..	..	..	

83	General paralysis of the insane	M.	8	..	..	..	..	..	..	..	..	..	1	1	..	2	1	1	..	..	..	1	..	1	..	..	..	..	..	83
84	Dementia præcox and other psychoses	M.	11	..	..	..	..	..	..	..	..	..	1	1	1	4	1	2	1	..	..	..	..	..	..	..	..	..	..	84
		F.	15	..	..	..	..	..	..	..	..	..	1	2	1	3	3	2	..	..	2	..	..	..	1	..	..	..	..	
	(*a*) Dementia præcox	M.	8	..	..	..	..	..	..	..	..	..	1	1	..	3	..	2	1	..	..	..	..	..	..	..	..	..	..	84*a*
		F.	7	..	..	..	..	..	..	..	..	..	..	2	1	3	1	..	..	..	..	..	..	..	..	..	..	..	..	84*b*
	(*b*) Other psychoses	M.	3	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	
		F.	8	..	..	..	..	..	..	..	..	..	1	..	..	..	2	2	..	..	2	..	..	..	1	..	..	..	..	
85	Epilepsy	M.	18	1	..	..	..	..	..	1	2	1	5	..	2	3	..	..	..	1	..	..	..	..	..	..	..	..	2	85
		F.	15	1	1	..	..	..	..	1	1	2	1	2	1	1	1	..	..	2	1	..	..	..	..	..	..	..	..	
86	Convulsions (under 5 years of age)	M.	25	22	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	86
		F.	23	16	5	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
87	Other diseases of the nervous system	M.	14	..	..	..	1	..	2	..	..	..	..	1	..	1	1	..	..	2	3	1	2	..	..	..	..	..	..	87
		F.	10	..	..	1	..	..	2	..	..	1	..	..	..	1	..	..	..	1	3	..	1	..	..	..	..	..	..	
	(*a*) Chorea	F.	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	87*a*
	(*b*) Neuritis	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	87*b*
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	
	(*c*) Paralysis agitans	M.	5	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	1	..	..	..	..	..	..	87*c*
		F.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	
	(*d*) Disseminated sclerosis	M.	4	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	1	..	..	..	..	..	..	87*d*
		F.	4	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	1	..	..	..	..	..	..	..	..	
	(*e*) Others under this title	M.	4	..	..	..	..	..	2	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	87*e*
		F.	2	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
88	Diseases of the organs of vision	M.	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	88
89	Diseases of the ear and mastoid process	M.	10	1	..	1	..	..	1	..	3	1	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	89
		F.	2	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*a*) Otitis Media	M.	5	1	..	1	..	..	..	..	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	89*a*
		F.	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*b*) Mastoid process	M.	5	..	..	..	..	..	1	..	1	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	89*b*
		F.	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Class VII—Diseases of the circulatory system	Total	925	2	3	..	2	2	6	9	11	11	15	11	15	28	50	60	75	90	122	145	132	84	38	9	4	..	1	
		M.	511	1	2	..	..	1	1	2	3	6	6	6	10	19	28	46	49	61	66	75	58	50	16	4	1	..	..	
		F.	414	1	1	..	2	1	5	7	8	5	9	5	5	9	22	14	26	29	56	70	74	34	22	5	3	..	1	
90–95	Diseases of the heart	M.	372	..	2	..	..	1	1	2	3	6	6	6	8	16	24	42	37	36	51	55	35	28	12	1	..	..	..	90–95
		F.	284	..	1	..	1	1	5	6	8	5	8	4	2	6	14	8	17	20	44	49	43	21	15	3	3	..	..	
90	Pericarditis	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	90
		F.	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	
91	Acute endocarditis	M.	7	..	1	..	..	..	..	..	..	..	1	1	2	..	..	1	..	..	..	..	..	1	..	..	..	..	..	91
		F.	10	..	..	..	1	..	2	..	2	1	2	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	
	(*a*) Specified as acute	M.	5	..	1	..	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	91*a*
		F.	9	..	..	..	1	..	2	..	1	1	2	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	

TABLE CXIX.—CAUSES OF DEATH BY SEX AND AGE, 1931—*Continued.*

Int. List No.	Causes of Death		Total	AGES																								Int. List No.
				Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs.	35 to 39 yrs.	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 to 79 yrs.	80 to 84 yrs.	85 to 89 yrs.	90 to 94 yrs.	95 to 99 yrs.	100 yrs. and over	Not stated	
	(*b*) Unspecified (under 45 years of age)	M.	2	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	91*b*
		F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
92	Chronic endocarditis, valvular diseases	M.	107	..	..	..	..	..	1	2	1	1	5	1	1	5	9	15	13	9	9	16	9	8	2	..	..	..	..	92
		F.	94	..	..	..	..	..	1	4	3	2	2	1	2	3	9	4	6	10	17	15	8	3	2	..	2	..	..	
	(*a*) Endocarditis specified as chronic and other valvular diseases of the heart	M.	98	..	..	..	..	..	1	2	1	1	5	1	1	5	7	14	12	7	8	16	9	8	..	..	..	..	..	92*a*
		F.	90	..	..	..	..	..	1	4	3	2	2	1	2	3	8	3	6	10	16	14	8	3	2	..	2	..	..	
	(*b*) Endocarditis, unspecified, 45 years and over	M.	9	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	2	1	..	..	..	2	..	..	..	..	92*b*
		F.	4	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	..	..	..	..	..	..	..	
93	Diseases of the myocardium	M.	133	..	1	..	..	1	..	..	2	2	..	3	1	4	8	10	8	10	21	26	19	8	9	..	..	..	..	93
		F.	108	..	..	..	..	..	2	2	3	2	3	2	..	..	2	2	4	3	16	23	24	10	8	1	1	..	..	
	(*a*) Acute myocarditis	M.	4	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	93*a*
		F.	2	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*b*) Myocarditis, unspecified, under 45 years of age	M.	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	93*b*
		F.	2	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*c*) Chronic myocarditis and myocardial degeneration	M.	103	..	..	..	..	1	..	..	2	1	..	1	1	3	6	8	7	6	17	23	14	6	7	..	..	..	..	93*c*
		F.	83	..	..	..	..	..	2	..	3	2	2	1	..	..	1	2	4	3	14	18	19	6	5	1	..	..	..	
	(*d*) Myocarditis, unspecified, 45 years and over	M.	24	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	1	3	4	3	5	2	2	..	..	..	..	93*d*
		F.	21	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	5	5	4	3	..	1	..	..	
94	Diseases of the coronary arteries and angina pectoris	M.	79	..	..	..	..	..	..	..	..	..	..	1	3	4	7	11	14	13	14	7	1	4	..	..	..	..	..	94
		F.	31	..	..	..	..	1	..	..	..	..	..	..	..	2	2	1	5	4	5	6	3	..	1	1	..	..	..	
	(*a*) Diseases of the coronary arteries	M.	10	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	3	2	..	..	..	..	1	..	..	..	..	..	94*a*
		F.	4	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2	..	..	..	..	1	..	..	..	
	(*b*) Embolism and thrombosis of coronary arteries	M.	24	..	..	..	..	..	..	..	..	..	..	1	1	2	2	3	4	4	3	3	..	1	..	..	..	..	..	94*b*
		F.	18	..	..	..	..	1	..	..	..	..	..	..	..	1	2	..	4	4	2	1	2	..	1	..	..	..	..	

	(*c*) Angina pectoris.....M.	45	..	..	..	..	..	..	..	..	..	..	..	2	1	4	6	7	7	11	4	1	2	..	..	..	..	..	94*c*
	F.	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	5	1	..	..	..	..	..	..	
95	Other diseases of the heart.....M.	45	..	..	..	..	..	..	..	..	3	..	..	1	2	..	5	2	4	7	6	6	7	1	1	..	..	..	95
	F.	38	..	..	..	..	..	..	..	..	..	1	1	..	1	1	1	1	3	5	5	6	8	4	1	..	..	..	
	(*a*) Functional diseases of the heart.....M.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	1	..	..	..	95*a*
	F.	5	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	..	..	1	..	..	..	..	
	(*b*) Others and not specified.....M.	42	..	..	..	..	..	..	..	..	3	..	..	1	2	..	5	2	4	5	6	6	7	1	..	..	..	..	95*b*
	F.	33	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	1	2	5	4	6	8	3	1	..	..	..	
96	Aneurysm (other than of the heart.....M.	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	96
	F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
97	Arteriosclerosis (of coronary arteries excepted).....M.	101	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	9	21	12	17	17	14	4	2	..	..	..	97
	F.	81	..	..	..	..	..	..	..	..	..	..	..	1	1	4	4	6	6	8	14	19	11	5	2	..	..	..	
98	Gangrene.....M.	9	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	3	..	..	1	..	..	98
	F.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	..	..	..	..	
99	Other diseases of the arteries.....M.	7	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	1	..	..	..	1	2	..	..	..	..	..	99
	F.	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
100	Diseases of the veins (varices, hæmorrhoids, phlebitis, etc.).....M.	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	100
	F.	4	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	1	..	1	..	..	..	..	..	
101	Diseases of the lymphatic system (lymphangitis, etc.).....F.	2	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	101
102	Idiopathic abnormalities of blood pressure.....M.	18	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	2	4	1	3	2	3	..	1	..	..	..	102
	F.	35	..	..	..	..	..	..	..	..	..	1	1	..	2	3	1	2	3	4	4	12	1	..	..	..	..	1	
103	Other diseases of the circulatory system...M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	103
	F.	3	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	
	Class VIII—Diseases of the respiratory system.....Total	614	240	45	16	7	..	5	5	5	10	13	12	8	16	16	15	29	14	27	38	32	32	22	4	3	..	..	
	M.	351	145	24	9	5	..	2	1	4	8	7	6	3	9	12	14	17	6	14	20	22	12	7	2	2	..	..	
	F.	263	95	21	7	2	..	3	4	1	2	6	6	5	7	4	1	12	8	13	18	10	20	15	2	1	..	..	
104	Diseases of the nasal fossæ and annexa.....M.	4	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	104
	F.	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
105	Diseases of the larynx M.	3	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	105
	F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*a*) Croup.....M.	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	105*a*
	(*b*) Other diseases of the larynx.....M.	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	105*b*
	F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

TABLE CXIX.—CAUSES OF DEATH BY SEX AND AGE, 1931—*Continued.*

Int. List No.	Causes of Death	Total	AGES																								Int. List No.
			Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs.	35 to 39 yrs.	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 to 79 yrs.	80 to 84 yrs.	85 to 89 yrs.	90 to 94 yrs.	95 to 99 yrs.	100 yrs. and over	Not stated	
106	Bronchitis.....M.	27	8	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	1	3	2	4	1	2	..	..	106
	F.	17	6	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1	..	1	5	..	..	..	..	
	(*a*) Acute.....M.	14	7	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	1	1	..	..	106*a*
	F.	7	5	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
	(*b*) Chronic.....M.	9	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	1	..	1	2	..	1	..	..	106*b*
	F.	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	4	..	..	..	..	
	(*c*) Unspecified.....M.	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	..	..	..	..	106*c*
	F.	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	..	
107	Bronchopneumonia.....M.	132	92	9	4	..	..	..	..	..	1	2	..	..	3	1	4	2	1	2	2	6	1	1	1	..	..	..	107
	F.	106	55	13	4	..	..	2	1	..	..	2	2	..	1	1	..	1	2	2	7	..	7	3	2	1	..	..	
	(*a*) Bronchopneumonia M.	132	92	9	4	..	..	..	..	..	1	2	..	..	3	1	4	2	1	2	2	6	1	1	1	..	..	..	107*a*
	F.	105	55	13	4	..	..	2	1	..	..	2	2	..	1	1	..	1	2	2	7	..	7	2	2	1	..	..	
	(*b*) Capillary bronchitis.....F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	107*b*
108	Lobar pneumonia.....M.	105	15	4	1	2	..	..	..	3	4	4	6	2	5	5	9	12	2	7	12	6	5	1	..	..	..	..	108
	F.	61	11	1	1	1	..	..	1	..	1	3	2	4	4	3	..	5	3	5	4	3	6	3	..	..	..	..	
109	Pneumonia, not specified.....M.	50	28	6	2	3	..	1	..	1	1	..	..	..	..	1	..	..	1	..	2	2	1	1	..	..	..	..	109
	F.	44	19	5	1	1	..	1	2	1	..	1	..	..	1	..	..	..	1	2	3	4	..	2	..	..	..	..	110
110	Pleurisy.....M.	11	..	1	..	..	..	1	..	..	1	1	..	..	1	1	1	..	2	1	..	..	1	..	..	..	..	..	
	F.	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	2	..	..	..	..	..	
111	Congestion and hæmorrhagic infarct of the lung, etc.....M.	6	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	..	1	2	..	..	..	..	..	111
	F.	11	..	1	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	2	3	2	..	..	..	..	
	(*a*) Pulmonary embolism and thrombosis.....M.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	111*a*
	F.	2	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*b*) Others under this title.....M.	4	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	2	..	..	..	..	..	111*b*
	F.	9	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	3	2	..	..	..	..	
112	Asthma.....M.	6	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	2	2	..	..	..	..	..	..	112
	F.	8	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	2	1	1	..	..	..	..	..	
113	Pulmonary emphysema M.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	113
	F.	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	
114	Other diseases of the respiratory system (tuberculosis excepted).....M.	5	1	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	114
	F.	6	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	2	..	1	..	..	..	..	..	..	..	..	
	(*b*) Gangrene of the lung.....M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	114*b*

	(*c*) Others under this title	M.	4	1	1	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	114*c*
		F.	6	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	2	..	1	..	..	..	..	..	..	..	..	
	Class IX—Diseases of the digestive system	Total	649	207	32	10	5	8	32	17	27	16	19	14	23	28	32	28	33	19	30	36	12	16	3	1	..	..	1	
		M.	383	124	17	3	4	..	18	7	13	9	15	8	16	19	19	20	20	14	20	17	7	9	2	1	..	..	1	
		F.	266	83	15	7	1	8	14	10	14	7	4	6	7	9	13	8	13	5	10	19	5	7	1	..	..	..	..	
115	Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	M.	26	..	2	1	1	..	2	..	1	1	1	3	..	4	3	1	2	1	..	1	1	1	..	..	..	..	..	115
		F.	14	2	2	1	..	..	2	..	3	1	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	
	(*a*) Diseases of the buccal cavity and annexa	M.	10	..	..	..	..	..	..	..	..	..	..	1	..	2	3	..	1	..	..	1	1	1	..	..	..	..	..	..	115*a*
		F.	4	..	..	..	..	..	1	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	
	(*b*) Diseases of the tonsils	M.	10	..	2	1	1	..	..	..	1	1	1	1	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	115*b*
		F.	5	2	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*c*) Others under this title	M.	6	..	..	..	..	..	2	..	..	..	..	1	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	115*c*
		F.	5	..	2	..	..	..	1	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	
117	Ulcer of the stomach or duodenum	M.	36	..	1	..	..	..	..	..	..	..	3	2	3	5	2	4	8	4	3	..	1	..	..	..	..	..	..	117
		F.	9	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1	1	..	1	2	..	1	..	..	..	..	..	
	(*a*) Ulcer of the stomach	M.	25	..	1	..	..	..	..	..	..	..	2	1	2	5	1	4	4	1	3	..	1	..	..	..	..	..	..	117*a*
		F.	6	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	2	..	1	..	..	..	..	..	
	(*b*) Ulcer of the duodenum	M.	11	..	..	..	..	..	..	..	..	..	1	1	1	..	1	..	4	3	..	..	..	..	..	..	..	..	..	117*b*
		F.	3	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	
118	Other diseases of the stomach	M.	19	7	3	..	..	..	..	..	..	..	1	..	2	..	..	..	1	..	..	2	1	1	..	1	..	..	..	118
		F.	12	4	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	3	2	1	..	..	..	..	..	
119	Diarrhoea and enteritis (under 2 years of age)	M.	117	111	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	119
		F.	80	72	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
120	Diarrhoea and enteritis (2 years and over)	M.	15	..	..	2	1	..	1	1	..	..	..	..	..	1	1	..	..	..	1	3	1	1	1	..	..	..	1	120
		F.	20	..	..	3	..	4	4	..	..	1	1	1	..	..	..	1	..	..	..	3	..	1	1	..	..	..	..	
	(*a*) Diarrhoea and enteritis	M.	13	..	..	2	1	..	1	1	..	..	..	..	..	..	..	..	..	..	1	3	1	1	1	..	..	..	1	120*a*
		F.	17	..	..	3	..	4	4	..	..	1	..	1	..	..	..	..	..	..	..	2	..	1	1	..	..	..	..	
	(*b*) Ulceration of the intestines	M.	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	120*b*
		F.	3	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	
121	Appendicitis	M.	83	1	3	..	1	..	11	6	6	7	9	1	7	6	7	5	4	2	7	..	..	..	..	..	..	..	..	121
		F.	48	..	1	3	..	3	6	8	7	2	1	2	2	3	1	2	3	..	2	2	..	..	..	..	..	..	..	

TABLE CXIX.—CAUSES OF DEATH BY SEX AND AGE, 1931—*Continued.*

Int. List No.	Causes of Death		Total	AGES																								Int. List No.
				Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs.	35 to 39 yrs.	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 to 79 yrs.	80 to 84 yrs.	85 to 89 yrs.	90 to 94 yrs.	95 to 99 yrs.	100 yrs. and over	Not stated	
122	Hernia, intestinal obstruction	M.	51	4	2	..	1	..	3	..	4	1	..	2	4	3	3	5	..	5	4	5	..	4	1	..	..	..	..	122
		F.	27	4	2	..	1	..	..	..	2	..	..	..	1	1	3	1	4	2	2	2	..	2	..	..	..	..	..	
	(*a*) Hernia	M.	18	..	..	..	1	..	1	..	1	..	..	..	2	..	3	2	..	2	1	1	..	3	1	..	..	..	..	122*a*
		F.	12	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	2	2	2	2	..	1	..	..	..	..	..	
	(*b*) Intestinal obstruction	M.	33	4	2	..	..	..	2	..	3	1	..	2	2	3	..	3	..	3	3	4	..	1	..	..	..	..	..	122*b*
		F.	15	4	2	..	1	..	..	..	1	..	..	..	1	1	2	..	2	..	..	..	..	1	..	..	..	..	..	
123	Other diseases of the intestines	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	123
		F.	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	
124	Cirrhosis of the liver	M.	9	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	1	2	1	..	2	..	..	..	..	..	124
		F.	9	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	1	4	1	..	..	..	..	..	..	
	(*b*) Not specified as alcoholic	M.	9	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	1	2	1	..	2	..	..	..	..	..	124*b*
		F.	9	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	1	4	1	..	..	..	..	..	..	
125	Other diseases of the liver	M.	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	125
		F.	4	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
	(*a*) Yellow atrophy of liver	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	125*a*
		F.	3	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*b*) Other diseases of the liver	M.	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	125*b*
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
126	Biliary calculi	M.	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	1	..	..	..	..	..	..	..	126
		F.	14	..	..	..	..	..	..	..	..	..	1	2	1	1	4	1	..	1	1	1	..	1	..	..	..	..	..	
127	Other diseases of the gall-bladder and biliary passages	M.	15	1	..	..	..	..	1	..	1	..	..	..	..	..	1	1	2	1	1	4	2	..	..	..	..	..	..	127
		F.	20	..	..	..	..	..	..	..	1	1	..	..	2	3	2	1	3	..	2	2	2	1	..	..	..	..	..	
129	Peritonitis, cause not specified	M.	4	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	129
		F.	7	..	2	..	..	1	1	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	
	Class X—Diseases of the genito-urinary system	Total	337	4	2	..	2	..	2	3	8	7	2	8	9	17	16	21	26	26	29	56	45	31	18	2	1	1	1	
		M.	190	2	1	..	1	..	1	2	4	1	..	1	4	9	6	11	11	15	16	38	29	25	11	1	..	..	1	
		F.	147	2	1	..	1	..	1	1	4	6	2	7	5	8	10	10	15	11	13	18	16	6	7	1	1	1	..	
130	Acute nephritis (including unspecified, under 10 years of age)	M.	9	2	..	..	..	..	1	..	..	..	..	..	..	1	..	1	1	..	1	1	..	1	..	..	..	..	..	130
		F.	6	1	..	..	..	..	1	..	..	1	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	..	

131	Chronic nephritis..... M.	103	..	..	..	..	..	..	2	2	..	..	..	3	4	6	7	7	11	7	22	13	14	5	..	..	..	..	131
	F.	104	..	..	..	1	..	..	1	3	1	1	5	2	5	5	9	11	9	10	15	13	6	4	1	1	1	..	
132	Nephritis not specified (10 years and over)..... M.	10	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	2	..	2	1	1	..	..	..	..	1	132
	F.	12	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	2	3	..	2	..	1	..	..	..	..	
133	Other diseases of the kidneys and annexa M.	15	..	1	..	1	..	..	..	1	1	..	..	1	3	..	..	1	..	1	3	1	..	1	..	..	..	..	133
	F.	8	1	1	..	..	..	..	..	..	..	..	..	1	..	1	..	3	..	..	1	..	..	..	..	..	..	..	
134	Calculi of the urinary passages..... M.	4	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	1	..	..	..	..	..	..	134
	F.	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	
135	Diseases of the bladder (tumours excepted)..... M.	3	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	135
136	Diseases of the urethra, urinary abscess, etc. M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	136
	F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*b*) Others under this title..... M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	136*b*
	F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
137	Diseases of the prostate..... M.	44	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	5	10	12	9	5	1	..	..	..	137
138	Diseases of the male genital organs (not specified as venereal) M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	138
139	Diseases of the female genital organs (not specified as venereal) F.	14	..	..	..	..	..	..	..	1	2	..	2	1	3	3	..	..	..	..	1	..	..	1	..	..	..	..	139
	(*a*) Of the ovary, Fallopian tube and parametrium..... F.	8	..	..	..	..	..	..	..	1	..	..	2	1	3	..	..	..	..	..	1	..	..	..	..	..	..	..	139*a*
	(*b*) Of the uterus..... F.	4	..	..	..	..	..	..	..	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	1	..	..	..	..	139*b*
	(*d*) Others under this title..... F.	2	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	139*d*
	Class XI—Diseases of pregnancy, childbirth and the puerperal state ..... Total	93	..	..	..	..	..	..	..	3	13	15	23	27	12	..	..	..	..	..	..	..	..	..	..	..	..	..	
140	Abortion with septic conditions..... F.	12	..	..	..	..	..	..	..	..	1	2	2	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	140
	(*a*) Abortion..... F.	8	..	..	..	..	..	..	..	..	..	2	1	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	140*a*
	(*b*) Self-induced abortion..... F.	4	..	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	140*b*
141	Abortion without mention of septic conditions (hæmorrhage included)..... F.	4	..	..	..	..	..	..	..	..	..	1	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	141
	(*a*) Abortion..... F.	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	141*a*
	(*b*) Self-induced abortion..... F.	2	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	141*b*

TABLE CXIX.—CAUSES OF DEATH BY SEX AND AGE, 1931—*Continued.*

Int. List No.	Causes of Death	Total	AGES																								Int. List No.
			Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs.	35 to 39 yrs.	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 to 79 yrs.	80 to 84 yrs.	85 to 89 yrs.	90 to 94 yrs.	95 to 99 yrs.	100 yrs. and over	Not stated	
142	Ectopic gestation..... F.	5	..	..	..	..	..	..	..	..	..	1	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	142
	(*a*) With sceptic conditions..... F.	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	142*a*
	(*b*) Without mention of septic conditions..... F.	4	..	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	142*b*
143	Other accidents of pregnancy (hæmorrhage excluded)..... F.	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	143
144	Puerperal haemorrhage F.	15	..	..	..	..	..	..	..	2	2	1	3	5	2	..	..	..	..	..	..	..	..	..	..	..	..	..	144
	(*a*) Placenta prævia.... F.	6	..	..	..	..	..	..	..	1	..	..	1	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	144*a*
	(*b*) Other hæmorrhage F.	9	..	..	..	..	..	..	..	1	2	1	2	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	144*b*
145	Puerperal septicæmia (not specified as consequent upon abortion)..... .... F.	20	..	..	..	..	..	..	..	..	4	5	5	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	145
	(*a*) Puerperal septicæmia or pyæmia..... F.	20	..	..	..	..	..	..	..	..	4	5	5	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	145*a*
146	Puerperal albuminuria and eclampsia..... F.	15	..	..	..	..	..	..	..	..	4	..	5	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	146
147	Other toxæmias of pregnancy..... F.	2	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	147
148	Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic),.. F.	10	..	..	..	..	..	..	..	1	..	3	2	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	148
	(*b*) Embolism..... F.	8	..	..	..	..	..	..	..	1	..	2	2	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	148*b*
	(*c*) Sudden death..... F.	2	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	148*c*
149	Other accidents of childbirth..... F.	7	..	..	..	..	..	..	..	..	1	2	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	149
	(*a*) Cæsarean section.. F.	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	149*a*
	(*b*) Dystocia..... F.	3	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	149*b*
	(*c*) Instrumental delivery..... F.	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	149*c*
	(*d*) Rupture of uterus in parturition..... F.	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	149*d*
	(*e*) Other accidents of labour..... F.	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	149*e*
150	Other or not specified condition of the puerperal state..... F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	150

	(*a*) Puerperal diseases of the breast	F.	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	150*a*
	Class XII—Diseases of the skin and cellular tissue	Total	12	4	1	..	1	..	1	..	..	..	..	1	..	..	1	..	1	..	1	..	..	1	..	..	..	..	..		
		M.	6	1	..	..	..	..	1	..	..	..	..	1	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..		
		F.	6	3	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..		
151	Carbuncle	M.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	151	
		F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
152	Cellulitis, acute abscess	M.	4	1	..	..	..	..	1	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	152	
		F.	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
153	Other diseases of the skin and annexa and of the cellular tissue	F.	3	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	153	
	Class XIII— Diseases of the bones and organs of locomotion	Total	21	2	1	3	..	..	2	4	1	2	1	1	..	..	1	..	..	..	1	1	..	..	..	1	..	..	..		
		M.	12	1	1	..	..	..	1	1	1	2	..	1	..	..	1	..	..	..	1	1	..	..	..	1	..	..	..		
		F.	9	1	..	3	..	..	1	3	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
154	Osteomyelitis	M.	6	..	..	..	..	..	1	1	1	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	154	
		F.	8	..	..	3	..	..	1	3	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
155	Other diseases of the bones (tuberculosis excepted)	M.	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	155	
156	Diseases of the joints and other organs of locomotion	M.	3	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	156	
		F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	(*a*) Of the joints (tuberculosis and rheumatism excepted)	M.	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	156*a*	
	(*b*) Of other organs of locomotion	M.	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	156*b*	
		F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	Class XIV—Congenital malformations	Total	120	110	2	2	..	1	2	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
		M.	78	69	2	2	..	..	2	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
		F.	42	41	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
157	Congenital malformations (stillbirths excluded)	M.	78	69	2	2	..	..	2	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	157	
		F.	42	41	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	(*a*) Congenital hydrocephalus	M.	14	12	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	157*a*	
		F.	5	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	(*b*) Spina bifida and meningocele	M.	14	13	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	157*b*	
		F.	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	(*c*) Congenital malformations of the heart	M.	33	29	..	1	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	157*c*	
		F.	23	22	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	(*d*) Monstrosities	F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	157*d*	
	(*e*) Others under this title	M.	17	15	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	157*e*	
		F.	10	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		

TABLE CXIX.—CAUSES OF DEATH BY SEX AND AGE, 1931—*Continued.*

Int. List No.	Causes of Death		Total	AGES																								Int. List No.
				Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs.	35 to 39 yrs.	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 to 79 yrs.	80 to 84 yrs.	85 to 89 yrs.	90 to 94 yrs.	95 to 99 yrs.	100 yrs. and over	Not stated	
	Class XV—Diseases of early infancy	Total	647	647	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		M.	378	378	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		F.	269	269	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
158	Congenital debility	M.	54	54	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	158
		F.	44	44	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
159	Premature birth	M.	217	217	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	159
		F.	159	159	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
160	Injury at birth	M.	50	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	160
		F.	22	22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*b*) Without record of cæsarean operation	M.	50	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	160*b*
		F.	22	22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
161	Other diseases peculiar to early infancy	M.	57	57	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161
		F.	44	44	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161*a*
	(*a*) Atelectasis	M.	8	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		F.	10	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161*b*
	(*b*) Icterus of the new-born	M.	13	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		F.	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*c*) Sclerema and œdema	F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161*c*
	(*d*) Athrepsia (3 months and under)	F.	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161*d*
	(*e*) Others, including lack of care	M.	28	28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161*e*
		F.	27	27	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*f*) Unspecified causes (under 3 months)	M.	8	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161*f*
		F.	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Class XVI—Senility	Total	136	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	4	5	22	26	35	29	7	7	..	..	
		M.	75	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	13	16	23	16	2	2	..	..	
		F.	61	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	4	9	10	12	13	5	5	..	..	
162	Senility	M.	75	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	13	16	23	16	2	2	..	..	162
		F.	61	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	4	9	10	12	13	5	5	..	..	
	(*a*) With senile dementia	M.	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	4	5	4	4	..	..	..	..	162*a*
		F.	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3	2	3	2	..	..	..	..	..	
	(*b*) Without senile dementia (70 years and over)	M.	55	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	11	19	12	2	2	..	..	162*b*
		F.	47	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	7	10	13	5	5	..	..	
	(*c*) Premature senility (55 years but under 70 years	M.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	162*c*
		F.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	
	Class XVII—Violent or accidental deaths	Total	450	20	24	11	6	7	14	23	41	45	23	23	32	24	34	32	23	16	14	14	6	9	5	2	..	..	2
		M.	364	9	13	9	4	7	10	18	33	40	18	18	29	24	30	29	20	15	12	12	4	6	2	..	..	..	2
		F.	86	11	11	2	2	..	4	5	8	5	5	5	3	..	4	3	3	1	2	2	2	3	3	2	..	..	..

163–171	Suicides M.	64	..	..	..	..	..	..	..	4	8	5	2	3	4	7	10	7	4	5	1	2	1	..	..	..	..	1	163–171
	F.	12	..	..	..	..	..	..	..	2	1	..	3	2	..	1	1	1	..	1	..	..	..	..	..	..	..	..	
163	Suicide by solid or liquid poisons or by absorption of cor- M.	9	..	..	..	..	..	..	..	..	2	1	1	1	..	2	1	..	..	1	..	..	..	..	..	..	..	..	163
	rosive substances .... F.	9	..	..	..	..	..	..	..	2	1	..	2	2	..	1	..	1	..	..	..	..	..	..	..	..	..	..	
164	Suicide by poisonous gas M.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	164
165	Suicide by hanging or M.	19	..	..	..	..	..	..	..	1	3	2	1	1	2	2	2	1	1	2	1	..	..	..	..	..	..	..	165
	strangulation F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	166
166	Suicide by drowning M.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1	167
167	Suicide by firearms M.	27	..	..	..	..	..	..	..	3	2	2	..	1	1	3	2	5	2	2	..	2	1	..	..	..	..	..	
	F.	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	168
168	Suicide by cutting or M.	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	
	piercing instruments F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	170
170	Suicide by crushing M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
171	Suicide by other means M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	171
173–175	Homicides M.	10	..	..	..	..	..	1	..	..	3	2	..	3	..	..	..	..	..	..	1	..	..	..	..	..	..	..	173–175
	F.	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
173	Homicide of persons one year of age and M.	6	..	..	..	..	..	1	..	..	3	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	173
	over by firearms F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
174	Homicide of persons one year of age and over by cutting or piercing instruments M.	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	174
175	Homicide by other M.	3	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	175
	means F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
176–198	Accidental deaths M.	290	9	13	9	4	7	9	18	29	29	11	16	23	20	23	19	13	11	7	10	2	5	2	..	..	..	1	176–198
	F.	72	11	11	2	2	..	4	5	5	4	5	2	1	..	3	2	1	1	1	2	2	3	3	2	..	..	..	
177	Food poisoning M.	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	177
178	Accidental absorption of toxic gases M.	9	..	..	..	..	..	..	1	..	..	2	..	1	1	2	1	..	1	..	..	..	..	..	..	..	..	..	178
179	Other acute accidental poisonings (except M.	5	..	1	2	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	179
	by gas) F.	9	1	4	..	1	..	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	180
180	Conflagration M.	8	..	1	..	..	1	..	3	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	
	F.	4	..	..	1	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
181	Accidental burns (conflagration excepted M.	15	1	2	3	1	..	2	..	..	..	..	1	..	2	2	..	..	..	..	..	1	..	..	..	..	..	..	181
	F.	7	1	3	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
182	Accidental mechanical M.	14	5	1	..	..	..	..	..	1	1	..	2	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	182
	suffocation F.	6	5	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
183	Accidental drowning M.	52	..	4	2	1	1	3	6	8	5	5	2	3	2	5	1	2	1	1	..	..	..	..	..	..	..	..	183
	F.	10	1	2	..	..	..	2	1	2	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
184	Accidental injury by firearms M.	18	..	..	..	..	..	1	1	4	1	..	3	2	..	..	3	2	..	..	1	..	..	..	..	..	..	..	184
185	Accidental injury by cutting or piercing instruments M.	6	..	..	..	..	..	1	..	1	..	..	1	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	185

TABLE CXIX.—CAUSES OF DEATH BY SEX AND AGE, 1831—*Continued.*

Int. List No.	Causes of Death		Total	AGES																								Int. List No.
				Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs	35 to 39 yrs	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 to 79 yrs.	80 to 84 yrs.	85 to 89 yrs.	90 to 94 yrs.	95 to 99 yrs.	100 yrs. and over	Not stated	
186	Accidental injuries resulting from falling, crushing or landslide	M.	113	1	1	1	1	3	1	4	12	14	2	5	14	10	10	7	5	5	4	7	..	3	2	..	..	..	1	186
		F.	26	2	1	1	..	..	..	..	1	3	1	..	..	..	3	2	1	1	1	2	1	2	2	2	..	..	..	
187	Cataclysm	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	187
188	Injuries inflicted by animals	M.	24	..	..	..	1	1	..	3	1	1	1	1	2	3	1	2	1	1	1	1	1	2	..	..	..	..	..	188
		F.	4	..	..	..	..	..	1	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
189	Hunger or thirst	F.	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	189
190	Excessive cold	M.	4	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	1	..	..	..	..	..	..	..	..	190
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	
191	Excessive heat	M.	8	2	1	..	..	..	..	..	..	2	1	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	191
		F.	3	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	
192	Lightning	M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	192
194	Other accidents	M.	10	..	2	1	..	..	..	..	2	3	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	194
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	
	(*a*) Foreign body	M.	4	..	2	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	194*a*
	(*b*) Others under this title	M.	6	..	..	..	..	..	..	..	2	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	194*b*
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	
198	Capital punishment	M.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	198
	Class XVIII—Ill-defined causes of death	Total	60	21	5	..	..	..	1	1	2	1	..	2	1	..	3	3	2	3	4	2	6	1	..	1	..	..	1	
		M.	35	9	2	..	..	..	1	1	1	..	..	2	..	..	1	3	2	2	4	1	4	1	..	..	..	..	1	
		F.	25	12	3	..	..	..	..	..	1	1	..	..	1	..	2	..	..	1	..	1	2	..	..	1	..	..	..	
199	Sudden death	M.	18	..	..	..	..	..	..	..	..	..	..	2	..	..	1	3	1	2	4	1	2	1	..	..	..	..	1	199
		F.	7	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	1	2	..	..	1	..	..	..	
200	Cause of death not specified or ill-defined	M.	17	9	2	..	..	..	1	1	1	..	..	..	..	..	..	..	1	..	..	..	2	..	..	..	..	..	..	200
		F.	18	12	3	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	

SPECIAL CLASSES OF ACCIDENTAL DEATHS (INCLUDED ALSO UNDER THE NUMBERS OF THE INTERNATIONAL LIST ABOVE), 1931.

B.	Accidents caused by machines	M.	15	..	..	..	..	..	1	..	3	1	..	1	1	1	3	2	1	1	..	..	..	..	..	..	..	..	..	..
C.	Railway accidents	M.	20	..	1	..	1	..	..	..	2	2	2	1	3	5	1	1	..	..	..	..	..	1	..	..	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
D.	Street car accidents	M.	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
E.	Automobile and motor-cycle accidents	M.	39	..	..	1	..	..	..	1	3	3	..	3	10	6	6	3	1	1	1	..	..	..	..	..	..	..	..	..
		F.	11	2	1	1	..	..	..	..	..	2	1	..	..	..	2	1	1	..	..	..	..	..	..	..	..	..	..	..
F.	Other land transportation	M.	23	..	..	..	..	2	1	1	4	1	..	1	..	2	..	..	1	3	2	3	..	1	..	..	..	..	..	1
		F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
G.	Water transportation	M.	2	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
H.	Air transportation	M.	2	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE CXX—TOTAL DEATHS FROM ALL

List No.	Diseases	1922		1923		1924	
		No.	Rate	No.	Rate	No.	Rate
1–2	Typhoid and paratyphoid fever	71	9.0	63	7.7	37	4.5
6	Smallpox	..	...	2	0.2	4	0.5
7	Measles	18	2.3	66	8.1	49	6.0
8	Scarlet fever	71	9.0	41	5.0	37	4.5
9	Whooping cough	28	3.6	75	9.2	81	9.9
10	Diphtheria	202	25.7	204	25.1	210	25.8
11	Influenza	259	33.6	298	38.1	165	20.7
13	Dysentery	45	5.7	52	6.4	20	2.4
15	Erysipelas	17	2.1	20	2.4	17	2.1
16	Poliomyelitis and polioencephalitis (acute)	2	0.2	7	0.8	13	1.6
17	Epidemic or lethargic encephalitis	..	..	..	..	17	2.1
18	Epidemic cerebrospinal meningitis	..	..	..	..	16	2.0
20	Malignant pustules, anthrax	..	..	1	0.1	1	0.1
21	Rabies	..	..	..	..	..	..
22	Tetanus	..	..	3	0.4	1	0.1
23–32	Tuberculosis	330	42.0	332	40.8	363	45.5
34	Syphilis	6	0.7	14	1.7	9	1.1
35	Gonococcus and other venereal diseases	2	0.2	1	0.1	1	0.1
36	Purulent infection, septicaemia (non-puerperal)	28	3.6	29	3.5	24	2.9
38	Malaria	1	0.1	1	0.1	..	..
43	Mycoses	1	0.1	..	..	2	0.2
44	Other infectious diseases	12	1.6	4	0.5	2	0.2
45–53	Cancer	332	42.2	347	42.6	349	43.8
54–55	Non-malignant tumors, nature not specified	13	1.7	10	1.4	23	2.6
56	Acute rheumatic fever	35	4.5	28	3.4	32	3.9
57	Chronic rheumatism, osteoarthritis	11	1.4	5	0.6	19	2.3
59	Diabetes mellitus	46	5.9	46	5.7	46	5.6
60	Scurvy	1	0.1	..	..	..	..
62	Pellagra	..	..	..	..	..	..
63	Rickets	10	1.3	5	0.6	2	0.2
64	Osteomalacia	..	..	..	..	..	..
65	Diseases of the pituitary gland	..	..	..	..	..	..
66	Diseases of the thyroid and parathyroid glands	16	2.0	17	2.1	12	1.5
67	Diseases of the thymus	..	..	..	..	3	0.4
68	Diseases of the adrenals (Addison's disease)	2	0.2	4	0.5	1	0.1
69	Other general diseases	11	1.4	18	2.2	21	2.6
70	Haemorrhagic diatheses	..	..	..	..	..	..
71	Anaemia	35	4.5	37	4.5	48	5.9
72	Leukaemia and Aleukaemia (Hodgkin's disease)	6	0.7	16	2.0	6	0.7
73	Diseases of the spleen	1	0.1	..	..	1	0.1
75	Alcoholism	6	0.7	8	1.0	8	1.0
76	Chronic poisoning by other organic substances	1	0.1	..	..	..	..
77	Chronic poisoning by mineral substances	..	..	..	..	..	..
78	Encephalitis (non-epidemic)	12	1.5	22	2.7	7	0.9
79	Simple meningitis	53	6.7	40	4.9	24	2.9
80	Progressive locomotor ataxia	3	0.4	1	0.1	3	0.4
81	Other diseases of the spinal cord	13	1.7	21	2.6	21	2.6
82	Cerebral haemorrhage, embolism or thrombosis	132	17.1	146	18.7	163	20.5
83	General paralysis of the insane	10	1.3	6	0.7	15	1.8
84	Dementia praecox and other psychoses	53	6.7	50	6.1	24	2.9
85	Epilepsy	24	3.1	28	3.4	26	3.2
86	Convulsions (under 5 years)	109	13.9	95	11.7	86	10.6
87	Other diseases of the nervous system	31	4.0	39	4.4	26	3.3
88	Diseases of the organs of vision	2	0.2	..	..	2	0.2
89	Diseases of the ear and mastoid process	6	0.7	9	1.1	17	2.1
90–95	Diseases of the heart	406	51.7	408	50.1	372	46.4
96–99	Diseases of the arteries	148	19.2	130	16.6	138	17.3
100	Diseases of the veins	2	0.2	2	0.2	6	0.7
101	Diseases of the lymphatic system	3	0.4	3	0.4	8	1.0
102	Idiopathic abnormalities of the blood pressure	..	..	..	..	..	..
103	Other diseases of the circulatory system	7	0.9	16	2.0	..	..
104	Diseases of the nasal fossae and annexa	4	0.5	1	0.1	1	0.1
105	Diseases of the larynx	4	0.5	7	0.8	16	2.0
106	Bronchitis	66	8.4	103	12.7	51	6.3
107	Bronchopneumonia	270	34.4	329	40.4	280	34.4
108	Lobar pneumonia	..	..	..	..	..	..
109	Pneumonia not specified	259	33.0	321	39.4	277	34.0
110	Pleurisy	13	1.7	9	1.1	15	1.8
111	Congestion and haemorrhagic infarct of the lung, etc.	22	2.8	15	1.8	20	2.4
112	Asthma	30	3.8	31	3.8	25	3.1
113	Pulmonary emphysema	..	..	3	0.4	1	0.1
114	Other diseases of the respiratory system	12	1.6	4	0.5	13	1.6
115	Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	27	3.5	32	4.1	34	4.3
116	Diseases of the oesophagus	..	..	1	0.1	..	..
117	Ulcer of the stomach or duodenum	14	1.8	16	2.0	33	4.0
118	Other diseases of the stomach	106	13.5	82	10.1	50	6.1
119	*Diarrhoea and enteritis (under 2 years of age)	367	46.7	351	43.1	234	29.4
120	Diarrhoea and enteritis and ulceration of the intestines (2 years and over)	..	..	..	..	..	..
121	Appendicitis	122	15.5	121	14.9	127	15.6
122	Hernia, intestinal obstruction	69	8.8	49	6.0	82	10.1
123	Other diseases of the intestines	19	2.5	20	2.6	15	1.9

AUSES AND RATES PER 100,000, 1922-1931.

1925		1926		1927		1928		1929		1930		1931		List No.
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
39	4.7	30	3.7	21	2.5	21	2.5	23	2.7	29	3.3	25	2.7	1–2
..	..	1	0.1	1	0.1	1	0.1	3	0.3	..	..	..	..	6
15	1.8	118	14.4	12	1.4	21	2.5	28	3.2	8	0.9	17	1.8	7
23	2.8	23	2.8	28	3.3	22	2.6	43	5.0	10	1.1	15	1.6	8
66	7.9	108	13.1	46	5.5	47	5.5	58	6.7	54	6.1	54	6.6	9
127	15.2	116	14.1	63	7.5	82	9.6	92	10.6	69	7.8	39	4.2	10
231	28.5	314	38.2	340	40.7	356	41.8	439	50.7	158	17.9	251	27.2	11
25	3.0	9	1.1	3	0.4	3	0.4	8	0.9	28	3.1	19	2.1	13
13	1.6	24	2.9	18	2.2	15	1.8	30	3.5	18	2.0	17	1.8	15
19	2.3	6	0.7	8	1.0	11	1.3	20	2.3	31	2.4	11	1.2	16
17	2.0	11	1.3	16	1.9	12	1.4	15	1.7	5	0.6	5	0.5	17
21	2.5	27	3.3	23	2.8	21	2.5	29	3.3	25	2.4	13	1.4	18
..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
1	0.1	..	..	..	..	..	..	..	..	..	..	..	..	21
1	0.1	2	0.2	..	..	2	0.2	..	..	3	0.3	..	..	22
334	42.5	382	46.5	391	46.8	378	44.4	377	43.5	407	46.1	326	35.4	23–32
10	1.2	12	1.5	22	2.6	16	1.9	11	1.4	17	1.9	12	1.3	34
2	0.2	..	..	1	0.1	1	0.1	1	0.1	..	..	..	..	35
29	3.5	23	2.8	24	2.9	30	3.5	27	3.1	19	2.2	8	0.9	36
1	0.1	..	..	..	..	1	0.1	..	..	..	..	..	..	38
3	0.4	..	..	..	..	4	0.5	..	..	3	0.3	3	0.3	43
5	0.6	9	1.1	4	0.5	4	0.5	4	0.5	3	0.3	5	0.5	44
353	43.6	387	47.1	445	53.2	470	55.2	511	59.0	480	54.4	585	63.5	45–53
8	1.0	18	2.2	21	2.5	9	9.4	25	2.9	19	2.2	31	3.4	54–55
22	2.6	25	3.0	26	3.1	30	3.5	30	3.5	26	2.9	32	3.5	56
9	1.1	15	1.8	9	1.1	8	1.0	7	0.8	3	0.3	10	1.1	57
46	5.5	66	8.4	63	7.5	59	7.0	77	8.9	67	7.6	85	9.2	59
..	..	1	0.1	1	0.1	..	..	..	..	..	..	..	..	60
..	..	2	0.2	..	..	..	..	..	..	..	..	2	0.2	62
13	1.6	7	0.8	10	1.2	13	1.5	15	1.7	12	1.4	8	0.9	63
..	..	..	..	..	..	..	..	..	..	..	..	1	0.1	64
1	0.1	..	..	..	..	1	0.1	..	..	1	0.1	1	0.1	65
14	1.7	27	3.3	20	2.4	25	2.9	25	2.9	17	1.9	19	2.1	66
2	0.2	5	0.6	6	0.7	7	0.8	16	1.8	7	0.8	5	0.5	67
3	0.4	1	0.1	3	0.4	5	0.6	3	0.3	3	0.3	2	0.2	68
12	1.5	12	1.5	14	1.7	13	1.5	11	1.3	13	1.5	4	0.4	69
..	..	..	..	..	..	..	..	..	..	..	..	7	0.8	70
36	4.3	51	6.2	42	5.0	29	3.4	33	3.8	32	3.6	31	3.4	71
12	1.4	17	2.1	18	2.2	18	2.1	16	1.8	25	2.8	17	1.8	72
1	0.1	..	..	2	0.2	1	0.1	1	0.1	..	..	5	0.5	73
13	1.6	8	1.0	15	1.8	14	1.6	14	1.6	15	1.7	8	0.9	75
1	0.1	..	..	1	0.1	..	..	1	0.1	..	..	1	0.1	76
..	..	..	..	..	..	1	0.1	1	0.1	1	0.1	..	..	77
7	0.8	15	1.8	13	1.6	10	1.2	15	1.7	11	1.2	3	0.3	78
29	3.5	24	2.9	31	3.7	27	3.2	28	3.2	15	1.7	15	1.6	79
1	0.1	2	0.2	3	0.4	2	0.2	2	0.2	2	0.2	3	0.3	80
15	1.8	19	2.3	22	2.6	24	2.8	22	2.5	16	1.8	13	1.4	81
172	21.2	158	19.2	169	20.2	176	20.6	170	19.6	157	17.8	142	15.4	82
12	1.5	12	1.5	11	1.3	13	1.5	7	0.8	3	0.3	8	0.9	83
10	1.2	31	3.8	34	4.1	30	3.5	23	2.7	30	3.4	26	2.8	84
26	3.1	24	2.9	35	4.2	25	2.9	21	2.4	23	2.6	33	3 6	85
107	12.8	91	11.1	78	9.3	39	4.6	61	7.0	52	5.9	48	5.2	86
25	3.1	22	2.7	27	3.2	37	4.4	35	4.0	30	3.4	24	2.6	87
1	0.1	..	..	2	0.2	2	0.2	1	0.1	1	0.1	1	0.1	88
14	1.7	18	2.2	27	3.2	7	0.8	17	2.1	20	2.3	12	1.3	89
405	50.0	498	60.7	569	68.1	571	67.1	638	73.6	651	73.8	656	80.3	90–95
157	19.4	168	20.4	181	21.6	218	25.6	259	29.8	283	32.1	205	22.2	96–99
8	1.0	2	0.2	5	0.6	11	1.3	5	0.6	3	0.3	5	0.5	100
1	0.1	1	0.1	3	0.4	2	0.2	3	0.3	1	0.1	2	0.2	101
..	..	..	..	..	..	..	..	..	..	..	..	53	5.7	102
1	0.1	..	..	..	..	1	0.1	..	..	2	0.2	4	0.4	103
2	0.2	3	0.4	2	0.2	5	0.6	3	0.5	6	0.7	6	0.7	104
14	1.7	16	1.9	11	1.3	12	1.4	13	1.5	9	1.0	4	0.4	105
24	2.9	41	5.0	32	3.8	34	4.0	27	3.1	32	3.6	44	4.8	106
271	32.5	282	34.3	235	28.1	214	25.1	232	26.8	179	20.4	238	25.8	107
..	..	..	..	..	..	..	..	..	..	..	..	166	18.0	108
231	27.7	293	35.7	268	30.9	321	37.7	340	39.2	264	29.9	94	10.2	109
16	1.9	11	1.3	16	1.9	20	2.4	27	3.1	19	2.2	16	1.7	110
14	1.7	21	2.5	7	0.8	6	0.7	13	1.5	9	1.0	17	1.8	111
31	3.7	24	2.9	19	2.3	18	2.1	22	2.5	17	1.9	14	1.5	112
1	0.1	2	0.2	..	..	1	0.1	2	0.2	..	..	4	0.4	113
6	0.7	4	0.5	8	1.0	18	2.1	14	1.6	15	1.7	11	1.2	114
21	2.6	29	3.5	30	3.6	26	3.1	56	6.5	26	2.9	40	4.3	115
2	0.2	2	0.2	1	0.1	..	..	..	..	1	0.1	..	..	116
26	3.1	27	3.3	31	3.7	33	3.9	36	4.2	34	3.8	45	4.9	117
63	7.6	51	6.2	54	6.5	49	5.8	49	5.7	43	4.9	31	3.4	118
261	32.2	231	28.1	208	24.9	180	21.2	192	22.2	352	39.9	197	21.4	119
..	..	..	..	..	..	..	..	..	..	..	..	35	3.8	120
143	17.2	140	17.1	121	14.5	143	16.8	170	19.7	159	18.0	131	14.2	121
73	8.8	54	6.6	74	8.9	73	8.6	62	7.2	75	8.1	78	8.5	122
13	1.6	13	1.6	8	1.0	6	0.7	17	2.0	10	1.2	3	0.3	123

TABLE CXX—TOTAL DEATHS FROM ALL

List No.	Diseases	1922		1923		1924	
		No.	Rate	No.	Rate	No.	Rate
124	Cirrhosis of the liver	13	1.7	15	1.8	12	1.5
125	Other diseases of the liver	42	5.4	27	3.4	32	4.0
126	Biliary calculi	17	2.1	11	1.4	21	2.6
127	Other diseases of the gall bladder and biliary passages	..	..	..	..	..	..
128	Diseases of the pancreas	..	..	..	..	5	0.6
129	Peritonitis (cause not specified)	22	2.8	29	3.5	14	1.7
130	Acute nephritis	39	5.1	19	2.3	39	4.9
131	Chronic nephritis	139	18.0	114	14.0	153	18.8
132	Nephritis not specified	..	..	..	..	..	..
133	Other diseases of the kidneys and annexa	12	1.5	11	1.4	21	2.6
134	Calculi of urinary passages	3	0.4	2	0.2	..	..
135	Diseases of the bladder (excluding tumours)	12	1.5	10	1.2	4	0.5
136	Diseases of the urethra, urinary abscess, etc.	2	0.2	3	0.4	4	0.5
137	Diseases of the prostate	13	1.7	20	2.4	27	3.3
138	Diseases of the male genital organs (not specified as venereal)	..	..	1	0.1	..	..
139	Diseases of the female genital organs (not specified as venereal)	12	1.5	8	1.0	11	1.4
140–150	Pregnancy, labour and puerperal state	112	14.3	111	13.6	145	17.8
151	Carbuncle	2	0.2	3	0.4	2	0.2
152	Cellulitis, acute abscess	10	1.3	7	0.8	12	1.5
153	Other diseases of the skin and annexa and of the cellular tissue	12	1.5	14	1.7	9	1.1
154–156	Diseases of the bones and organs of locomotion	19	2.5	21	2.4	16	2.0
157	Congenital malformations	115	14.6	102	12.5	120	14.7
158	Congenital debility	194	24.7	192	23.6	173	21.2
159	*Premature birth	404	52.4	418	52.4	420	51.5
160	Injury at birth	..	..	..	..	..	..
161	Other diseases peculiar to infancy	122	15.8	86	11.0	66	8.3
162	Senility	206	26.2	134	16.5	146	17.9
163–171	Suicides	48	6.1	50	6.1	44	5.4
172–175	Homicides	9	1.0	14	1.7	8	0.9
176	Attack by venomous animals	..	..	..	..	1	0.1
177	Food poisoning	2	0.2	2	0.2	1	0.1
178	Accidental absorption of toxic gases	18	2.3	19	2.3	2	0.2
179	Other acute accidental poisonings (except by gas)	16	2.0	15	1.8	14	1.7
180	Results of conflagration	9	1.0	15	1.8	15	1.8
181	Accidental burns (conflagrations excepted)	30	3.8	33	4.0	35	4.3
182	Accidental mechanical suffocation	..	..	..	..	14	1.7
183	Accidental drowning	44	5.6	74	9.1	42	5.2
184	Accidental injury by firearms	30	3.8	30	3.7	22	2.7
185	Accidental injury by cutting or piercing instruments	3	0.4	2	0.2	1	0.1
186	Accidental injuries from falling, crushing, landslide	117	..	116	..	108	..
187	Cataclysm	..	..	..	..	..	..
188	Injuries inflicted by animals	22	2.8	13	1.6	40	4.9
189	Hunger and thirst	..	..	..	..	..	..
190	Excessive cold	7	0.9	3	0.4	4	0.5
191	Excessive heat	1	0.1	..	..	2	0.2
192	Lightning	7	0.9	10	1.2	4	0.5
193	Accidental electric shocks	1	0.1	..	..	4	0.5
194	Other accidents	52	6.8	30	3.8	9	1.1
195	Violent deaths—nature unknown	..	..	..	..	..	..
198	Capital punishment	..	..	..	..	..	..
199	Sudden death	11	1.4	8	1.0	3	0.4
200	Cause of death not specified or ill-defined	129	16.4	116	14.3	95	11.7
	*Special Classes of Accidental Deaths.						
A	Accidents in mines and quarries	..	..	..	..	..	..
B	Accidents caused by machines	..	..	..	..	..	..
C	Railway accidents	..	..	..	..	..	..
D	Street car accidents	..	..	..	..	..	..
E	Automobile and motorcycle accidents	..	..	..	..	..	..
F	Other land transportation	..	..	..	..	..	..
G	Water transportation	..	..	..	..	..	..
H	Air transportation	..	..	..	..	..	..

*Not separately tabulated previous to 1931.

CAUSES AND RATES PER 100,000, 1922-1931—*Continued.*

1925		1926		1927		1928		1929		1930		1931		List No.
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
21	2.5	16	1.9	10	1.2	14	1.6	8	0.9	16	1.8	18	2.0	124
21	2.6	27	3.3	37	4.4	34	4.0	37	4.3	35	4.0	6	0.7	125
15	1.8	13	1.6	20	2.4	19	2.2	27	3.1	12	1.4	19	2.1	126
..	..	..	..	..	..	..	..	..	..	..	..	35	3.8	127
2	0.2	3	0.4	2	0.2	3	0.4	3	0.3	4	0.4	..	..	128
10	1.2	11	1.3	23	2.8	15	1.8	21	2.4	9	1.0	11	1.2	129
29	3.5	16	1.9	29	3.5	29	3.4	22	2.5	24	2.7	15	1.6	130
171	20.5	173	21.1	211	25.2	209	24.6	195	22.5	253	28.7	207	22.4	131
..	..	..	..	..	..	..	..	..	..	..	..	22	2.4	132
12	1.4	24	2.9	18	2.2	24	2.8	22	2.5	12	1.3	23	2.5	133
6	0.7	6	0.7	2	0.2	2	0.2	3	0.3	6	0.6	6	0.7	134
3	0.4	8	1.0	4	0.5	6	0.7	9	1.0	3	0.3	3	0.3	135
..	..	..	..	2	0.2	..	..	..	..	3	0.3	2	0.2	136
27	3.2	24	2.9	19	2.3	36	4.2	42	5.0	38	4.3	44	4.8	137
..	..	1	0.1	3	0.4	2	0.2	2	0.2	..	..	1	0.1	138
9	1.1	18	2.2	15	1.8	11	1.3	17	2.0	10	1.1	14	1.5	139
117	14.0	147	17.9	114	13.6	124	14.6	132	15.2	112	12.7	93	10.1	140–150
..	..	2	0.2	3	0.4	3	0.4	5	0.6	1	0.1	3	0.3	151
8	1.0	10	1.2	10	1.2	16	1.9	10	1.2	8	0.9	6	0.7	152
13	1.6	17	2.1	10	1.2	12	1.4	23	2.7	8	0.9	3	0.3	153
13	1.6	13	1.6	16	1.9	20	2.4	11	1.3	17	1.9	21	2.3	154–156
121	14.5	114	13.9	115	13.8	106	12.5	136	15.7	135	15.3	120	13.0	157
173	20.8	150	18.3	187	22.4	135	15.9	146	16.8	152	17.2	98	10.6	158
429	51.5	420	51.2	426	51.0	452	53.1	475	54.8	497	56.5	376	40.8	159
..	..	..	..	..	..	..	..	..	..	..	..	72	7.8	160
48	5.9	109	13.3	90	10.8	86	10.1	78	9.0	88	10.0	101	11.0	161
131	15.7	119	14.5	119	14.2	116	13.6	120	13.8	124	14.0	136	14.8	162
61	7.3	54	6.6	68	8.1	78	9.2	95	11.0	127	14.4	76	8.2	163–171
7	0.8	7	0.8	6	0.7	16	1.9	18	2.1	14	1.6	12	1.3	172–175
..	..	..	..	..	..	..	..	..	..	..	..	..	..	176
5	0.6	..	..	1	0.1	3	0.4	3	0.3	2	0.2	1	0.1	177
3	0.4	5	0.6	5	0.6	4	0.5	9	1.0	9	1.0	9	9.8	178
9	1.1	11	1.3	12	1.4	12	1.4	9	1.0	11	1.2	14	1.5	179
12	1.4	14	1.7	21	2.5	22	2.6	16	1.8	18	2.0	12	1.3	180
24	2.9	34	4.1	37	4.4	40	4.7	32	3.7	28	3.2	22	2.4	181
17	2.0	11	1.3	9	1.1	12	1.4	13	1.5	8	0.9	20	2.2	182
50	6.0	39	4.8	70	8.4	45	5.3	53	6.1	57	6.5	62	6.7	183
20	2.4	27	3.3	23	2.8	20	2.4	21	2.4	17	1.9	18	2.0	184
..	..	3	0.4	..	..	3	0.4	4	0.5	..	..	6	0.7	185
120	..	135	..	147	..	233	..	183	..	168	..	139	15.1	186
..	..	..	..	..	..	..	..	..	..	..	..	1	0.1	187
25	3.0	26	3.2	17	2.0	16	1.9	21	2.4	20	2.3	28	3.0	188
..	..	..	..	1	0.1	..	..	..	..	4	0.4	1	0.1	189
12	1.4	8	1.0	7	0.8	3	0.4	4	0.5	9	1.0	5	0.5	190
6	0.7	5	0.6	1	0.1	4	0.5	7	0.8	4	0.4	11	1.2	191
4	0.5	1	0.1	10	1.2	4	0.5	4	0.5	4	0.4	1	0.1	192
2	0.2	1	0.1	..	..	..	..	2	0.2	8	0.9	..	..	193
20	2.5	11	1.3	9	1.1	10	1.2	16	1.8	27	3.1	11	1.2	194
2	0.2	1	0.1	1	0.1	..	..	1	0.1	..	..	..	..	195
..	..	..	..	..	..	..	..	..	..	..	..	1	0.1	198
4	0.5	4	0.5	1	0.1	1	0.1	4	0.5	..	..	25	2.7	199
105	12.6	36	4.4	48	5.7	61	7.2	82	9.5	37	4.2	35	3.8	200
..	..	..	..	..	..	..	..	..	..	..	..	..	..	A
..	..	..	..	..	..	..	..	..	..	..	..	15	1.6	B
..	..	..	..	..	..	..	..	..	..	..	..	21	2.3	C
..	..	..	..	..	..	..	..	..	..	..	..	2	0.2	D
..	..	..	..	..	..	..	..	..	..	..	..	50	5.4	E
..	..	..	..	..	..	..	..	..	..	..	..	24	2.6	F
..	..	..	..	..	..	..	..	..	..	..	..	2	0.2	G
..	..	..	..	..	..	..	..	..	..	..	..	2	0.2	H

BIRTHS AND DEATHS AMONG INDIANS.

According to the 1931 census, the Indian population for this province is 11,939. This is a decrease of 799 compared with 1921, or 6.3 per cent.

The births among the Indians increased by 20 in 1931, which is 3.8 per cent. The birth rate is 45.3 per 1,000 of the Indian population. This is almost double the rate for the whole province.

The death rate is 22.7 per 1,000, a very slight increase over 1930.

The infant mortality is 171.1 per 1,000 living births, a decrease of 9.5 per cent compared with 1930.

The illegitimate birth rate was 88.4 per 1,000 births, a slight decrease for the year.

The very low percentage of the Indian mothers under 20 years of age giving birth to children is worthy of attention. In the province ten per cent of the mothers were of this age, while the rate among the Indian mothers is less than one per cent.

The mortality is very much condensed, only the classes of the causes of death being given.

As usual the epidemic diseases were the cause of a very large part of the deaths among the Indians. Over forty per cent of the deaths were due to these diseases, and seventy per cent of the epidemic diseases were due to tuberculosis.

The deaths from tuberculosis number 79, or 29 per cent of the total deaths. This is a decrease of 32.4 per cent compared with 1930. The death rate from tuberculosis among the Indians is 660.7 per 100,000 of the Indian population compared with 35.4 for the whole province.

The period of life claiming the largest number of deaths from tuberculosis was between 1 and 4 years of age.

The deaths among the Indians in the puerperal state only numbered four.

Fifty per cent of the deaths among the Indians were under five years of age, emphasizing the great need for conservation of life during the years of infancy.

The three diseases causing the highest infant mortality among the Indians were pneumonia, influenza and congenital debility. Forty-four per cent of the deaths of Indian children were due to these three diseases.

TABLE CXXI.—BIRTHS, DEATHS, AND INFANT MORTALITY OF INDIANS (Exclusive of Stillbirths) BY MONTHS, 1931.

	Total	Months											
		January	February	March	April	May	June	July	August	September	October	November	December
Births	543	49	41	50	56	37	34	59	43	46	34	51	43
Deaths	272	28	28	35	37	28	16	20	13	15	15	22	15
Infant mortality	93	8	11	16	15	7	5	7	3	2	5	6	8

TABLE CXXII.—BIRTHS OF INDIANS (Exclusive of Stillbirths) CLASSIFIED AS LEGITIMATE OR ILLEGITIMATE, 1931.

	Total births			Legitimate			Illegitimate		
	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the province	543	268	275	495	242	253	48	26	22

TABLE CXXIII.—BIRTHS OF INDIANS (Exclusive of Stillbirths) CLASSIFIED ACCORDING TO AGE OF PARENTS, 1931.

Age of Father	Total	Age of Mother					
		Under 20	20–29	30–39	40–49	50 and over	Not stated
Under 20 years	8	3	5	..	..	..	..
20–29 years	196	40	149	6	1	..	..
30–39 years	168	8	78	79	3	..	..
40–49 years	92	..	21	49	21	..	1
50 and over	25	..	5	9	11	..	..
Not stated	6	..	4	..	..	..	2
Children born to married mothers	495	51	262	143	36	..	3
Children born to unmarried mothers	48	10	30	7	1	..	..
Children born to all mothers	543	61	292	150	37	..	3

TABLE CXXIV—CAUSES OF DEATH OF INDIANS BY CLASSES, SHOWING AGE AND SEX, 1931.

Causes of death		Total	Ages																			
			Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 yrs.	20 to 24 yrs.	25 to 29 yrs.	30 to 34 yrs.	35 to 39 yrs.	40 to 44 yrs.	45 to 49 yrs.	50 to 54 yrs.	55 to 59 yrs.	60 to 64 yrs.	65 to 69 yrs.	70 to 74 yrs.	75 yrs. and over	Not stated
Deaths—All Causes	Total	272	93	18	11	10	5	18	16	8	13	10	8	6	3	5	4	7	6	3	11	15	2
	M.	142	54	8	5	3	3	11	10	4	6	5	5	4	..	4	1	3	3	2	4	6	1
	F.	130	39	10	6	7	2	7	6	4	7	5	3	2	3	1	3	4	3	1	7	9	1
Class I—Infectious and parasitic diseases	Total	111	22	8	6	4	4	12	14	4	9	7	5	2	1	..	3	2	1	1	3	1	2
	M.	53	10	3	2	..	3	8	9	2	5	3	3	2	..	..	..	1	1	..	..	..	1
	F.	58	12	5	4	4	1	4	5	2	4	4	2	..	1	..	3	1	..	1	3	1	1
Class II—Cancer and other tumours	Total	4	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1	1	..	..
	M.	3	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..
	F.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Class III—Rheumatic diseases, diseases of nutrition and of endocrine glands and other general diseases	Total	2	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
	M.	2	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Class VI—Diseases of the nervous system and organs of special sense	Total	6	2	..	..	1	..	1	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..
	M.	3	2	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
	F.	3	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Class VII—Diseases of the circulatory system	Total	6	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	1	..	..	2	..
	M.	4	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	1	..
	F.	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..
Class VIII—Diseases of the respiratory system	Total	54	31	4	3	3	..	2	1	1	..	1	1	1	..	..	..	1	..	..	3	2	..
	M.	33	18	3	3	2	..	1	..	1	..	1	..	..	..	..	..	..	..	..	2	2	..
	F.	21	13	1	..	1	..	1	1	..	..	..	1	1	..	..	..	1	..	..	1	..	..
Class IX—Diseases of the digestive system	Total	22	6	4	2	..	1	3	..	..	2	..	..	..	..	1	1	..	..	..	2	..	..
	M.	12	4	2	..	..	..	2	..	..	..	..	..	..	..	1	1	..	..	..	2	..	..
	F.	10	2	2	2	..	1	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
Class X—Diseases of the genito-urinary system	Total	4	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	..	..
	M.	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
	F.	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Class XI—Diseases of pregnancy, childbirth and the puerperal state	Total	4	..	..	..	..	..	..	..	1	1	1	..	..	1	..	..	..	..	..	..	..	..
	F.	4	..	..	..	..	..	..	..	1	1	1	..	..	1	..	..	..	..	..	..	..	..
Class XII—Diseases of the skin and cellular tissue	Total	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Class XIII—Diseases of the bones and organs of locomotion	Total	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
	M.	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Class XIV—Congenital malformations	Total	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Class XV—Diseases of early infancy	Total	24	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	M.	17	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	7	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Class XVI—Senility	Total	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	2	9	..
	M.	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	3	..
	F.	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	6	..
Class XVII—Violent or accidental deaths	Total	6	1	..	..	1	..	..	..	..	..	..	1	1	..	1	..	1	..	..	..	..	..
	M.	4	1	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	..
	F.	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Class XVIII—Ill-defined causes of death	Total	11	4	2	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1	..	1	..
	M.	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..
	F.	7	2	2	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..

TABLE CXXV.—DEATHS OF INDIANS FROM TUBERCULOSIS BY AGE AND SEX, 1931.

		Total	Under 1 year	1–4 years	5–9 years	10–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	70–79 years	Not stated
23–32. Tuberculosis	Total	79	7	16	11	12	3	15	6	1	4	2	2
	M.	41	5	6	7	7	2	8	4	..	1	..	1
	F.	38	2	10	4	5	1	7	2	1	3	2	1
23. Tuberculosis of the respiratory system	M.	32	4	4	5	5	1	7	4	..	1	..	1
	F.	30	1	6	4	3	1	7	2	1	3	1	1
24. Tuberculosis of the meninges and central nervous system	M.	6	1	1	1	1	1	1	..	..	..	..	..
	F.	5	1	2	..	2	..	..	..	..	..	..	..
25. Tuberculosis of the intestines and peritoneum	M.	1	..	1	..	..	..	..	..	..	..	..	..
	F.	3	..	2	..	..	..	..	..	..	..	1	..
26. Tuberculosis of the vertebral column	M.	2	..	..	1	1	..	..	..	..	..	..	..

TABLE CXXVI.—DEATHS OF INDIANS (Exclusive of Stillbirths) BY AGE GROUPS, 1931.

	Total	Male	Female		Total	Male	Female
All ages	272	142	130	50–54 years	4	1	3
Under 1 year	93	54	39	55–59 years	7	3	4
Under 5 years	137	73	64	60–64 years	6	3	3
5–9 years	18	11	7	65–69 years	3	2	1
10–14 years	16	10	6	70–74 years	11	4	7
15–19 years	8	4	4	75–79 years	1	..	1
20–24 years	13	6	7	80–84 years	3	1	2
25–29 years	10	5	5	85–89 years	8	5	3
30–34 years	8	5	3	90–94 years	1	..	1
35–39 years	6	4	2	95–99 years	2	..	2
40–44 years	3	..	3	Not stated	2	1	1
45–49 years	5	4	1				

TABLE CXXVII.—DEATHS OF INDIAN CHILDREN UNDER ONE YEAR (Exclusive of Stillbirths) BY AGE AT DEATH, 1931.

Ages		No.	Ages		No.
All infants	Total	93	4 months and under 5 months	Total	9
	M.	54		M.	6
	F.	39		F.	3
Under 1 day	Total	7	5 months and under 6 months	Total	4
	M.	5		M.	3
	F.	2		F.	1
1 day and under 1 week	Total	12	6 months and under 7 months	Total	7
	M.	7		M.	2
	F.	5		F.	5
1 week and under 2 weeks	Total	2	7 months and under 8 months	Total	5
	M.	2		M.	4
	F.	..		F.	1
2 weeks and under 3 weeks	Total	1	8 months and under 9 months	Total	5
	M.	1		M.	3
	F.	..		F.	2
3 weeks and under 1 month	Total	2	9 months and under 10 months	Total	7
	M.	..		M.	2
	F.	2		F.	5
1 month and under 2 months	Total	9	10 months and under 11 months	Total	2
	M.	5		M.	2
	F.	4		F.	..
2 months and under 3 months	Total	8	11 months and under 12 months	Total	6
	M.	4		M.	3
	F.	4		F.	3
3 months and under 4 months	Total	7			
	M.	5			
	F.	2			

TABLE CXXVIII.—DEATHS OF INDIAN CHILDREN (Exclusive of Stillbirths) FROM CERTAIN SPECIFIED CAUSES IN FIRST YEAR OF LIFE FOR EACH SEX, 1931.

Int. List No.	Causes of Death	Total	Male	Female
	All causes	93	54	39
9	Whooping cough	2	1	1
11	Influenza	12	4	8
16	Poliomyelitis and polioencephalitis	1	..	1
23	Tuberculosis of the respiratory system	5	4	1
24	Tuberculosis of the meninges and central nervous system	2	1	1
86	Convulsions	2	2	..
106	Bronchitis	4	2	2
107	Bronchopneumonia	9	5	4
108–109	Pneumonia	18	11	7
116–118	Diseases of the stomach	1	1	..
119	Diarrhoea and enteritis	5	3	2
130	Nephritis	1	..	1
157	Malformation	2	..	2
158	Congenital debility	11	7	4
159	Premature birth	9	6	3
160	Injury at birth	2	2	..
161	Other diseases peculiar to early infancy	2	2	..
176–198	Other external causes	1	1	..
199–200	Unspecified or ill-defined causes	4	2	2

TABLE CXXIX.—SEARCHES, CERTIFICATES AND CORRESPONDENCE, 1931.

Applications for searches and certificates received	7,130
Number of searches made	5,843
Birth certificates issued	6,642
Marriage certificates issued	454
Death certificates issued	584
Total number of certificates issued	7,680
Certificates issued for pension purposes	791
Certificates issued for legal purposes	387
Change of names	32
Letters received	32,565
Letters written	51,326
Forms and pieces of literature sent out	184,682

TABLE CXXX.—PRECIPITATION IN SASKATCHEWAN BY THREE

MONTHS	DISTRICT 1			DISTRICT 2			DISTRICT 3		
	Maple Creek	Swift Current	Shaunavon	Regina	Qu'Appelle	Tugaske	Carlyle	Whitewood	Yellowgrass
JANUARY—									
Heaviest fall in month	0.03	0.02	....	0.08	0.16	....	0.05	0.20	0.10
Days with .01 or more	2	4	....	5	8	....	3	4	2
Snow (inches)	0.50	0.80	....	1.60	4.40	....	1.00	4.00	2.00
FEBRUARY—									
Heaviest fall in month	....	0.06	....	0.05	0.20	....	0.60	0.20	0.20
Days with .01 or more	....	2	....	2	2	....	3	4	1
Snow (inches)	....	0.70	....	0.75	2.20	....	7.50	3.50	2.00
MARCH—									
Heaviest fall in month	0.24	0.23	....	0.20	0.34	0.30	0.25	0.30	0.25
Days with .01 or more	6	11	....	7	5	5	4	3	6
Snow (inches)	2.25	4.90	....	6.60	9.80	7.00	4.25	3.50	9.50
APRIL—									
Heaviest fall in month	0.10	0.07	....	0.03	....	....	0.05	0.02	....
Days with .01 or more	2	6	....	1	....	....	2	1	....
Snow (inches)	0.50	1.60	....	0.25	....	....	0.75	....	....
MAY—									
Heaviest fall in month	0.36	0.27	0.25	0.16	0.12	0.27	0.21	0.16	0.10
Days with .01 or more	4	5	4	5	5	3	3	4	3
Snow (inches)	....	....	....	....	0.80	....	....	0.50	....
JUNE—									
Heaviest fall in month	0.88	0.84	0.80	1.16	0.85	1.50	0.36	0.35	0.50
Days with .01 or more	9	10	6	9	10	9	9	9	7
Snow (inches)	....	....	....	....	....	....	....	....	....
JULY—									
Heaviest fall in month	0.70	0.30	0.58	0.96	0.42	0.54	1.75	0.59	0.65
Days with .01 or more	6	8	7	7	7	5	5	6	9
Snow (inches)	....	....	....	....	....	....	....	....	....
AUGUST—									
Heaviest fall in month	1.18	0.85	0.30	0.86	0.46	2.00	1.36	1.44	2.25
Days with .01 or more	1	6	2	10	10	2	7	9	7
Snow (inches)	....	....	....	....	....	....	....	....	....
SEPTEMBER—									
Heaviest fall in month	0.58	0.64	0.29	0.50	0.50	0.83	0.78	1.55	0.82
Days with .01 or more	5	8	5	9	10	3	6	6	10
Snow (inches)	....	....	....	....	....	....	....	....	....
OCTOBER—									
Heaviest fall in month	0.17	0.08	....	0.15	0.16	0.20	0.14	0.19	0.16
Days with .01 or more	2	2	....	5	6	2	3	4	4
Snow (inches)	....	....	....	....	....	....	....	....	....
NOVEMBER—									
Heaviest fall in month	0.40	0.26	....	0.10	0.34	0.40	0.25	0.25	0.20
Days with .01 or more	5	8	....	5	6	2	2	3	2
Snow (inches)	9.00	5.00	....	2.75	6.40	6.00	3.00	3.20	3.00
DECEMBER—									
Heaviest fall in month	0.50	0.44	....	0.28	0.24	0.61	0.40	0.22	0.40
Days with .01 or more	2	10	....	5	6	6	1	2	3
Snow (inches)	5.00	10.90	....	1.30	0.40	8.00	4.00	1.00	6.00
Average precipitation	0.82	0.99	0.60	0.86	0.89	0.89	1.15	0.81	1.27
Number of days of rain	44	80	24	70	75	37	48	55	54
Total snowfall in inches	17.25	23.90	....	13.25	24.00	21.00	20.50	15.70	22.50

SELECTED PLACES IN EACH HEALTH DISTRICT, 1931.

DISTRICT 4			DISTRICT 5			DISTRICT 6			DISTRICT 7			DISTRICT 8		
Kamsack	Hubbard	Quill Lake	Outlook	Saskatoon	Nokomis	Biggar	Beechy	Kindersley	Battleford	St. Walburg	Scott	Prince Albert	Melfort	Rosthern
0.03	0.20	0.05	....	0.10	....	....	....	....	....	0.10	0.10	0.20	....	0.05
3	3	3	....	4	....	....	....	....	....	2	1	9	....	1
0.70	6.00	1.00	....	3.00	....	....	....	....	....	2.00	1.00	6.90	....	0.50
0.03	0.20	0.10	....	0.10	....	....	0.25	....	0.03	0.15	0.10	0.14	0.18	.....
3	2	2	....	1	....	....	1	....	1	2	3	2	4	....
0.70	3.00	1.50	....	1.00	....	....	2.50	....	0.25	1.70	3.00	1.60	2.65	....
0.03	0.40	0.30	0.15	0.33	0.60	....	0.40	....	0.13	0.50	0.40	0.42	0.20	0.30
3	4	7	3	7	2	....	7	....	5	4	8	4	9	6
0.80	8.00	8.50	2.00	3.25	8.00	....	8.50	....	2.50	11.00	8.25	8.80	6.75	11.50
0.09	0.20	0.03	0.23	0.13	0.02	0.60	0.10	0.32	0.20	0.30	0.16	0.14	....	0.16
3	1	1	1	3	1	3	3	2	2	1	3	4	....	3
0.30	2.00	0.25	....	....	....	....	1.00	....	....	3.00	1.00	0.30	....	....
0.31	0.50	0.12	0.19	0.24	0.35	0.15	0.38	0.15	0.10	0.30	0.06	0.26	0.13	0.23
2	1	3	3	8	4	3	6	3	2	4	4	6	4	3
0.30	5.00	0.50	....	....	....	....	....	....	....	6.80	....	1.70	0.50	0.80
0.62	0.80	0.77	3.18	2.48	0.65	2.52	0.80	0.95	0.26	0.75	0.70	0.98	0.66	2.01
9	4	12	5	13	9	10	11	5	8	8	10	13	13	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0.54	0.85	0.88	0.21	0.37	1.35	0.75	0.43	0.56	0.30	1.38	0.79	0.74	1.08	1.15
5	5	7	6	10	6	8	6	8	10	10	12	10	13	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0.70	0.60	0.53	0.15	0.44	0.75	0.51	0.74	0.47	0.21	1.36	0.22	0.77	0.47	0.46
6	9	5	3	6	4	6	7	4	11	6	7	11	14	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0.37	0.50	0.30	1.53	1.72	0.55	0.73	1.06	1.06	0.76	0.57	0.53	1.25	0.73	1.44
8	3	4	6	12	6	12	5	12	11	9	12	14	13	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0.22	0.25	0.51	0.38	0.19	0.58	0.34	0.25	0.56	0.16	0.11	0.38	0.07	0.24	0.14
6	4	6	2	6	5	5	3	3	4	2	3	3	4	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0.04	0.40	0.20	0.50	0.50	0.40	....	0.35	....	0.35	0.67	0.40	0.43	0.70	0.50
5	6	4	2	10	2	....	3	....	5	3	7	10	7	3
1.10	9.00	4.00	5.50	11.80	6.00	....	5.00	....	6.75	9.70	8.25	9.80	13.33	11.00
0.03	0.20	0.20	0.70	0.20	0.60	....	0.26	....	0.24	0.40	0.30	0.50	0.20	0.70
2	2	4	2	10	2	....	7	....	11	7	6	14	4	7
0.50	4.00	3.50	7.00	7.50	6.00	....	6.25	....	8.50	14.00	8.50	13.40	5.25	15.50
0.63	0.96	0.84	0.95	1.14	1.06	1.25	0.93	1.09	0.74	1.58	1.05	1.10	1.25	1.24
55	44	58	33	90	41	47	59	37	70	58	76	100	85	60
4.40	37.00	19.25	14.50	26.55	20.00	....	23.25	....	18.00	48.20	30.00	42.50	28.48	39.30

TABLE CXXXI.—TEMPERATURE IN SASKATCHEWAN BY THREE

Months	DISTRICT 1			DISTRICT 2			DISTRICT 3		
	Maple Creek	Swift Current	Shaunavon	Regina	Qu'Appelle	Tugaske	Carlyle	Whitewood	Yellowgrass
JANUARY—									
Maximum	63	58	60	48	50	55	43	42	56
Minimum	-5	-12	-10	-18	-25	-14	-21	-25	-15
Mean temperature	30.4	26.9	28.0	18.2	18.2	23.0	13.4	16.7	21.4
Hours of sunshine	....	111	....	....	114	....	....	....	....
FEBRUARY—									
Maximum	60	60	54	53	45	59	44	44	56
Minimum	-9	5	8	-7	-16	1	-21	-20	-14
Mean temperature	32.9	31.7	31.7	27.9	25.9	29.4	23.9	22.2	25.8
Hours of sunshine	....	160	....	....	177	....	....	....	....
MARCH—									
Maximum	65	63	62	59	57	60	53	47	60
Minimum	-16	-14	-12	-14	-19	-5	-20	-18	-15
Mean temperature	29.5	27.4	27.5	23.4	20.7	23.0	21.3	19.0	21.4
Hours of sunshine	....	139	....	....	147	....	....	....	....
APRIL									
Maximum	75	77	77	79	80	77	82	78	84
Minimum	7	9	6	9	8	11	8	8	10
Mean temperature	43.8	44.0	42.6	43.3	42.2	42.1	40.3	40.1	43.2
Hours of sunshine	....	218	....	....	240	....	....	....	....
MAY—									
Maximum	92	94	92	95	95	89	94	92	94
Minimum	27	26	26	12	16	14	17	14	14
Mean temperature	54.8	55.0	53.5	54.0	50.8	52.4	50.6	49.5	51.7
Hours of sunshine	....	291	....	....	313	....	....	....	....
JUNE—									
Maximum	99	102	100	103	100	100	105	105	100
Minimum	35	36	36	33	31	31	29	29	28
Mean temperature	64.8	65.9	63.9	64.8	63.7	63.9	62.9	62.4	65.3
Hours of sunshine	....	....	....	....	269	....	....	....	....
JULY—									
Maximum	100	103	102	100	101	104	104	101	106
Minimum	39	40	41	40	40	43	38	40	40
Mean temperature	66.4	67.7	66.2	67.4	65.8	66.7	67.9	64.8	67.4
Hours of sunshine	....	332	....	....	341	....	....	....	....
AUGUST—									
Maximum	93	98	97	93	92	95	93	93	96
Minimum	40	40	40	35	35	37	37	35	30
Mean temperature	64.8	65.2	64.0	64.8	63.7	63.8	62.5	62.3	64.5
Hours of sunshine	....	267	....	....	277	....	....	....	....
SEPTEMBER—									
Maximum	90	96	93	92	90	95	90	88	94
Minimum	29	32	31	29	31	29	25	25	32
Mean temperature	55.8	55.5	54.8	55.3	54.1	54.4	54.1	53.2	56.0
Hours of sunshine	....	197	....	....	182	....	....	....	....
OCTOBER—									
Maximum	80	78	77	74	74	74	75	72	75
Minimum	13	8	11	16	20	18	13	15	15
Mean temperature	44.7	45.0	44.6	43.1	43.9	44.0	42.7	41.9	43.4
Hours of sunshine	....	214	....	....	186	....	....	....	....
NOVEMBER—									
Maximum	72	72	63	58	59	66	64	60	65
Minimum	-15	-16	-8	-9	-14	-15	-14	-11	-11
Mean temperature	24.7	25.4	24.9	23.8	22.6	21.9	22.8	23.0	23.9
Hours of sunshine	....	124	....	....	101	....	....	....	....
DECEMBER—									
Maximum	52	44	45	40	40	42	38	39	45
Minimum	-15	-8	-7	-8	-16	-11	-19	-20	-15
Mean temperature	24.4	22.3	23.0	19.9	19.4	18.8	13.4	17.0	18.1
Hours of sunshine	....	98	....	....	61	....	....	....	....

SELECTED PLACES IN EACH HEALTH DISTRICT, 1931.

DISTRICT 4			DISTRICT 5			DISTRICT 6			DISTRICT 7			DISTRICT 8		
Kamsack	Hubbard	Quill Lake	Outlook	Saskatoon	Nokomis	Biggar	Beechy	Kindersley	Battleford	St. Walburg	Scott	Prince Albert	Melfort	Rosthern
38	40	40	51	50	43	50	55	....	48	48	44	50	....	42
−30	−25	−25	−14	−16	−20	−12	−14	....	−6	−21	−16	−20	....	−19
7.4	13.2	11.4	21.3	15.5	14.8	17.7	24.9	....	15.5	10.3	15.9	12.2	....	13.4
....	....	....	....	....	....	....	....	....	....	....	86	....	....	....
37	41	39	58	55	45	59	59	....	53	44	53	45	51	44
−30	−17	−15	2	1	−10	2	1	....	−2	−10	−7	−12	−10	−4
13.1	20.4	18.8	29.8	27.3	24.7	30.1	30.7	....	27.2	21.7	25.5	22.1	20.5	24.8
....	....	....	....	....	....	....	....	....	....	....	166	....	....	....
42	47	49	60	51	55	64	59	....	60	48	53	52	49	53
−26	−18	−18	−11	−15	−11	−16	−15	....	−28	−35	−24	−27	−20	−22
12.9	17.1	18.0	24.1	20.8	20.8	22.2	23.9	....	21.6	16.6	20.4	18.5	18.2	20.4
....	....	....	....	....	....	....	....	....	....	....	125	....	....	....
78	75	72	78	77	75	80	76	80	78	77	73	77	....	75
0	7	10	16	16	12	17	14	14	15	12	16	9	....	12
40.0	38.2	39.7	42.9	40.5	40.9	43.8	43.1	41.2	42.5	39.5	40.2	41.2	....	41.6
....	....	....	....	....	....	....	....	....	....	....	238	....	....	....
91	94	89	96	94	91	95	96	89	89	82	88	89	86	89
14	14	15	21	19	15	23	21	24	25	18	21	13	14	22
48.9	47.8	49.2	53.8	51.2	51.2	53.2	54.4	52.3	54.0	48.7	50.5	50.5	49.2	51.5
....	....	....	....	....	....	....	....	....	....	....	260	....	....	....
100	100	94	97	96	98	92	99	99	92	84	92	96	96	98
36	30	33	32	34	32	35	34	36	31	26	32	35	31	34
62.8	61.7	60.6	65.0	62.3	62.8	63.1	64.2	64.7	61.6	57.3	60.0	60.7	60.1	61.7
....	....	....	....	....	....	....	....	....	....	....	247	....	....	....
96	98	89	103	96	101	95	103	102	91	87	90	93	87	89
41	38	42	44	40	38	42	45	40	39	37	38	45	41	45
66.0	63.8	62.5	66.6	64.7	64.7	66.2	67.2	65.6	65.5	61.0	63.0	65.7	63.6	65.5
....	....	....	....	....	....	....	....	....	....	....	324	....	....	....
91	85	84	100	96	90	96	98	99	99	88	93	92	86	92
29	35	32	40	39	36	39	40	43	38	36	38	40	30	41
63.5	60.3	60.5	64.8	62.4	64.2	64.2	64.1	65.1	64.1	58.0	61.2	63.5	62.2	63.0
....	....	....	....	....	....	....	....	....	....	....	256	....	....	....
92	87	87	92	87	93	86	92	86	89	78	84	84	85	81
22	30	27	30	28	29	29	28	27	29	24	29	30	31	31
54.5	51.3	52.2	54.4	51.9	53.2	53.2	54.1	52.2	53.4	49.3	50.8	52.7	51.6	51.6
....	....	....	....	....	....	....	....	....	....	....	144	....	....	....
74	69	71	74	71	75	76	75	77	73	70	68	70	69	69
14	23	20	13	22	21	16	11	12	16	19	13	23	21	22
45.3	41.5	42.7	44.1	43.1	42.7	43.0	44.2	42.2	43.0	41.1	41.6	43.8	42.3	42.3
....	....	....	....	....	....	....	....	....	....	....	180	....	....	....
55	55	58	65	60	54	61	69	....	62	54	63	57	51	57
−15	−15	−15	−12	−15	−16	−15	−16	....	−20	−27	−14	−10	−13	−14
20.8	21.1	21.2	23.0	19.9	22.4	22.3	23.6	....	20.7	20.5	19.0	21.9	19.8	20.3
....	....	....	....	....	....	....	....	....	....	....	90	....	....	....
37	37	45	43	40	39	44	44	....	43	36	39	40	38	37
−25	−22	−15	−11	−17	−18	−11	−11	....	−19	−22	−14	−21	−21	−21
14.2	15.2	14.1	18.1	14.5	16.1	16.6	19.2	....	13.5	9.9	13.5	13.5	13.5	14.1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

CANADIAN PUBLIC HEALTH ASSOCIATION MEETING, 1931

The Twentieth Annual Meeting of the Canadian Public Health Association, of which Dr. F. C. Middleton, Deputy Minister of Public Health for Saskatchewan, was President, was held in Regina at the Saskatchewan Hotel, on June 17, 18, 19, 1931, in conjunction with the Saskatchewan Health Officials' Association. All the provinces were represented in the attendance, the registration being 140. This was the second occasion the C. P. H. A. had met in this province, the former meeting being held here in 1913, the third year of its existence. The 1931 meeting was of special interest to Saskatchewan in view of the fact that in addition to the regular section, the Section for Mental Hygiene was revived, and a new Section of Public Health Engineering was welcomed to the family fold.

Sectional meetings were held in the forenoon and general sessions in the afternoon.

On the first day an Address of Welcome was extended to the delegates by Mayor Balfour of the City of Regina, and Hon. F. D. Munroe, Honorary President, Canadian Public Health Association. In the evening a reception was held at the Government House by Lieutenant Colonel the honorable Hugh Edwin Munroe, M.D., C.M., F.A.C.S., O.B.E., Lieutenant Governor of the Province of Saskatchewan, and Mrs. Munroe.

At noon on the second day a luncheon was tendered by the Regina Board of Trade, at which the speaker was Hon. Dr. E. W. Montgomery, Minister of Health and Public Welfare, Manitoba. In the afternoon a visit was made by the delegates to the Exhibition Grounds, where the Provincial Department of Public Health had set up their departmental Public Health exhibit. In the evening a public meeting was held at the F. N. Darke Hall for Music and Art, when His Honor, the Lieutenant Governor, Dr. H. E. Munroe, kindly took the chair. At this meeting an address was given by Hon. F. D. Munroe, M.D., C.M. Dr. E. E. Shepley, Saskatoon, gave a paper on Public Health Aspects of the Cancer Problem, and Dr. Alan Brown, Toronto, spoke on "Irradiation of Food Stuffs." Miss Genevieve Curtin, of the Saskatchewan Provincial Department of Public Health, contributed two solo selections.

At a noon luncheon of the Canadian Club, Dr. W. J. Bell, Deputy Minister of Health for Ontario, gave an address on Public Health. At the general sessions with all sections combined, addresses were given and discussion followed on: The Challenge of Tuberculosis; The Menace of Raw Milk; The Problem of Immunization; The Place of Mental Hygiene in a Public Health Program; Bacillus Calmette Guerin (B.C.G.) Vaccine; County Health Units; The Junior Red Cross; Beach and Swimming Pool Sanitation.

In the Vital Statistics Section of which Mr. S. Muirhead, Director of Vital Statistics for the Province of Saskatchewan was Chairman, the following subjects were discussed:

Aids to Complete Registration; Birth Registration and Birth Statistics in Canada; The Influence of the Mortality Trend of Certain Diseases on Life Expectancy; The Problems and Treatment of the Registration of Non-Resident Births and Deaths; The Efficiency of Toxoid in Controlling Diphtheria, Toronto, 1906-1930; Definition of Stillbirths; The Need for Uniformity in Vital Statistics; The Classification of Maternal Mortality; Statistics of Communicable Diseases in Canada; Some Aspects of the Outbreak of Psittacosis in Burnaby, B.C.; and The Value of Statistics in Mental Hygiene.

In the Laboratory Section discussion on the following subjects took place:

B. Dysenteriae Sonne Infections; Influence of Sulphur Compounds on the Production of Welchii Hæmotoxin; Psittacosis; Bacteriological Investigation of Arthritis; Epidemic Catarrhal Jaundice; and Undulant Fever.

The Public Health Nursing Section of which Miss Ruby Simpson, R.N., Director of Public Health Nursing Services, Department of Public Health, Saskatchewan, was Chairman, discussed: Publicity in Health Education; The Public Health Nurse in a Health Unit; A Prenatal Program for a Rural Area; A Mental Hygiene Program; Public Health Nurse in the Mental Hygiene Field; Child Guidance Clinics; the Place of Parental Education in Child Study in the Mental Hygiene Program.

The Section of Mental Hygiene with Dr. J. W. MacNeill, Superintendent of the Battleford Mental Hospital as Chairman, discussed: The Problems and Difficulties in the Prevention of Mental Diseases; Reception Service; Dementia Præcox, Its Prevention and Treatment in the Early Stage; Mental Hygiene of the Critical Epochs of Life.

The Section of Public Health Engineering provided discussion on: Developments in Sanitary Engineering and their effect upon Public Health Programs; Symposium of Stream Pollution; Symposium of Milk Control; Chemical Cleansing of Milk Bottles; Tests for Isolation of Colon Groups in Water; Water and Ice

Supplies on Common Carriers; Interpretation and Significance of Milk Analyses; Behaviour of Acid-Fat Bacteria in Oil and Water Systems.

In all some seventy papers dealing with various public health subjects were read and fully discussed and the meeting was really a concentrated post graduate course in public health. Dr. W. J. Bell, Toronto, was elected President for the year 1933.

The Saskatchewan Health Officials' Association, of which Dr. W. R. Coles, M.H.O. for Regina, was President, held only a business session.