

Annual report of the Department of Public Health of the Province of Saskatchewan.

Contributors

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PROVINCE OF SASKATCHEWAN

ANNUAL REPORTS

OF THE

Department of Public Health

AND THE

REGISTRAR GENERAL

AS REQUIRED BY THE VITAL STATISTICS ACT

FOR THE CALENDAR YEAR

1939



REGINA:
THOS. H. McCONICA, King's Printer
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Organization Chart

Department of Public Health Saskatchewan



Acts Administered:—

See
Opposite Page

Minister of Public Health

DEPUTY MINISTER

COUNCIL OF HEALTH

CANCER COMMISSION

Establish consultative diagnostic and treatment clinics. Control of Radium supplies & derivatives. Education. Records & statistics. Liaison with research.

ADMINISTRATION

Legislation. Personnel control. Supervision of Director of Health, Hospital Management, Relief of Debtfuls, Financial Grants, Purchase and issue of supplies, Full-time Health Districts, Medical Hospital and Nursing Services in Un-organized Territory. Publicity.

DIVISION OF COMMUNICABLE DISEASE

Epidemiology, Treatment & Supervision of Trachoma. Issue of Vaccines and Sera. Isolators Quarantine & Disinfection. Care of the Dead. Control of Venereal Disease disseminators. Free examination & treatment of VD. Investigations & follow-up. Education and Literature. Records and Statistics.

DIV. OF MENTAL HYGIENE

Correlative clinic and supervise the work of Provincial, Treatment & Care of the Mentally Disturbed and Mentally Deficient cases in Provincial Institutions and in jails. Psychopathic wards in General Hospitals. Mental Hygiene in Child Clinics. Systems of Parade.

DIVISION OF SANITATION

Engineering Urban & Rural Sanitation. Inspect Hospital Organizations. Milk Water & Ice supply. Sewerage systems & Sewage disposal. Trade wastes & Refuse collection. Hospital Construction. Hotel & Restaurant Inspections. Sanitary sites. Supervisors of Eight Sanitation Districts.

DIVISION OF VITAL STATISTICS

Recording of Births, Marriages and Deaths. Searches & Certificates. Records of Deceased. Marriage license control. Inspections. Transcripts for Dominion Authorities. Classification and Tabulation.

DIV. OF MATERNAL AND CHILD WELFARE & PUBLIC HEALTH NURSING

Maternity Grants. The school organizations Clinics. Organizing midwives in Child Welfare. Infant Feeding. Nursing & pre-natal midwives. Inspection of Nursing & Maternity Homes, and school children. Organization of Maternity Centres. Co-operation with Local Authorities.

DIV. OF PUBLIC HEALTH EXHIBITS

The Preparation of models for Fairs and Exhibitions, Graphs, Posters and Drawings, etc.

HEALTH SERVICES BOARD

ORGANIZATION

Minister of Public Health	Hon. J. M. Uhrich, M.D.
Deputy Minister and Registrar General	R. O. Davison, M.D.
Medical Officer and Acting Deputy Minister	C. F. W. Hames, B.A., M.D., D.P.H.
Medical Officer	J. W. Lord, M.D.
Director of Bacteriological Laboratory	Frances G. McGill, M.D.
Provincial Analyst	W. A. Riddell, B.A., M.Sc., Ph.D.
Director, Division of Communicable Disease	F. C. Middleton, M.B., D.P.H.
Director of Nursing Services	Miss R. M. Simpson, O.B.E., Reg.N.
Sanitary Engineer	J. G. Schaeffer, B.Sc.
Chief Clerk	W. D. Williams, M.C.
Supervisor, Office of Registrar General	D. K. LaFlamme

MENTAL HYGIENE

Commissioner of Mental Services and Superintendent, Mental Hospital, North Battleford	J. W. MacNeill, M.D., C.M.
Superintendent, Mental Hospital, Weyburn	A. D. Campbell, M.B.
Director of Occupational Therapy (and Matron, Mental Hospital, North Battleford)	Miss Hazel Jacques
Director, Psychopathic Ward, Regina	O. E. Rothwell, B.A., M.D., C.M.

HEALTH SERVICES BOARD

Chairman	R. O. Davison, M.D.
Member for College of Physicians and Surgeons	H. H. Christie, M.D., C.M. (Esterhazy, Sask.)
Member for Association of Rural Municipalities	M. S. Anderson (Bulyea, Sask.)
Acting Secretary	W. L. Sandstrom

SASKATCHEWAN CANCER COMMISSION

Chairman	R. O. Davison, M.D.
Deputy Chairman	L. A. Roy, M.D.
Member	David Low, M.D., C.M.
Secretary	F. C. Middleton, M.B., D.P.H.

ACTS ADMINISTERED


1. The Public Health Act.
2. The Hospitals Act.
3. The Union Hospital Act.
4. The Tuberculosis Sanatoria and Hospitals Act.
5. The Venereal Diseases Act.
6. The Vital Statistics Act.
7. The Marriage Act.
8. The Mental Hygiene Act.
9. The Anatomy Act.
10. The Municipal Medical and Hospital Services Act.
11. The Mutual Medical and Hospital Benefit Associations Act.

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DEPARTMENT OF PUBLIC HEALTH,
REGINA, *December 31, 1940.*

TO HIS HONOUR,
ARCHIBALD P. McNAB,
Lieutenant Governor of Saskatchewan.

MAY IT PLEASE YOUR HONOUR,—

I beg to present herewith for your consideration the annual reports of the Department of Public Health and the Registrar General for the calendar year 1939.

Respectfully submitted,

J. M. UHRICH, M.D.,
Minister of Public Health.

DEPARTMENT OF PUBLIC HEALTH,
REGINA, *December 31, 1940.*

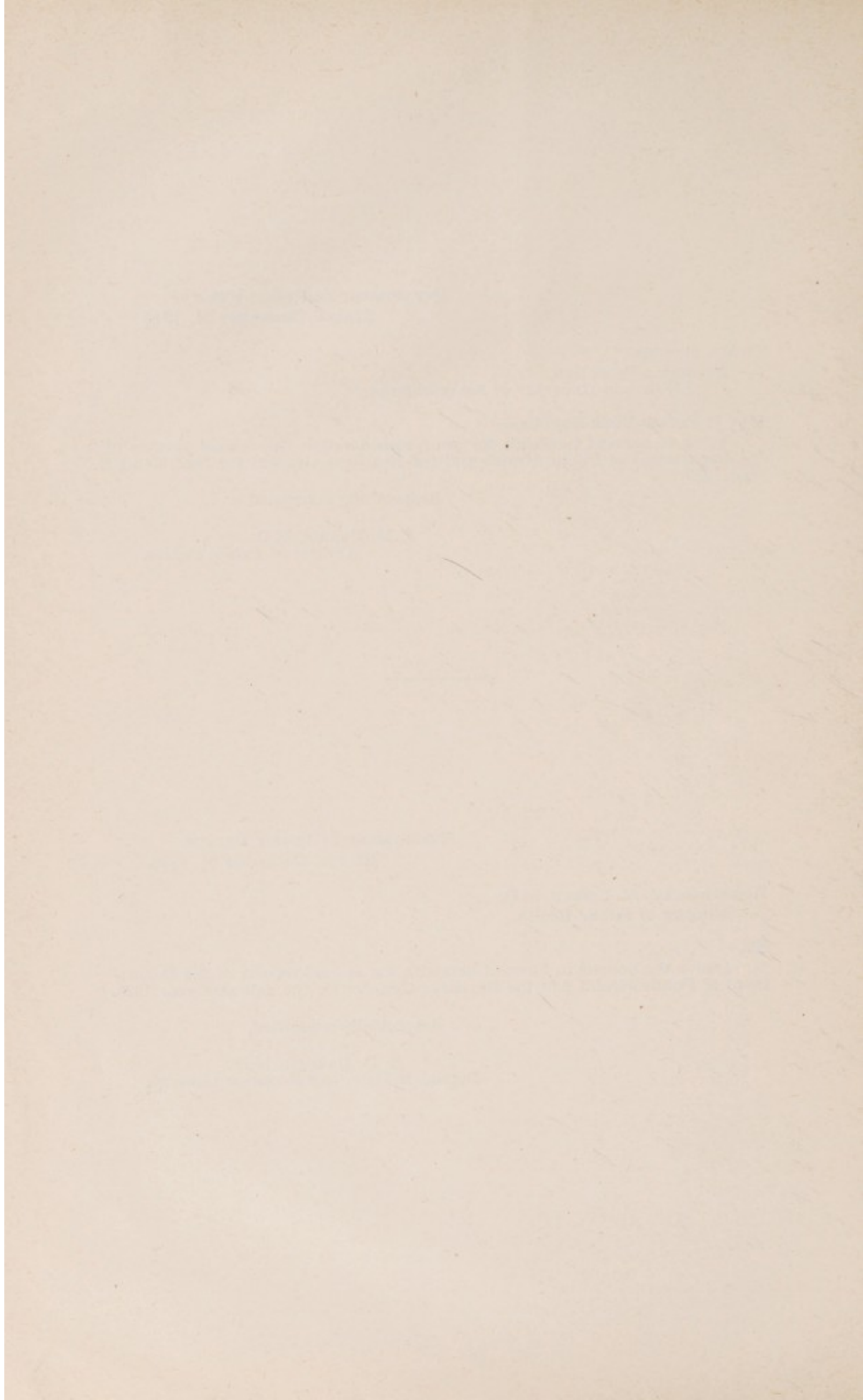
HONOURABLE J. M. UHRICH, M.D.,
Minister of Public Health.

SIR,—

I have the honour to forward herewith the annual reports of the Department of Public Health and the Registrar General for the calendar year 1939.

Respectfully submitted,

R. O. DAVISON, M.D.,
Deputy Minister and Registrar General.



Thirtieth Annual Public Health Report

Including Vital Statistics

1939

Council of Public Health

The twenty-first meeting of the Council of Public Health was held on December 28, 1939, in Room 330, Legislative Building, Regina, at which the following members were present:

Dr. Arthur Wilson, Saskatoon,
Dr. R. G. Ferguson, Fort San,
Dr. J. S. Fulton, D.V.S., Saskatoon.
Dr. W. W. Tyerman, Lang,
Dr. R. O. Davison, Regina (in the chair).

Control of the Sale of Raw Vegetables from Market Gardens

This question was brought up by Dr. Wilson, Medical Officer of Health for the City of Saskatoon, in view of the fact that market gardeners operating along the river bank were using river water for watering raw vegetables that would be sold in the city markets, and the water which was being used was contaminated with effluent of the sewage disposal system. It is recognized that the control of the sale of these vegetables does come within the purview of the City Health Department, and if considered unfit for sale could be prohibited. At the same time this would involve serious complications and an elaborate inspection service. After discussing the problem, Dr. Wilson suggested that it be left for the time being, as he felt that he was obtaining the co-operation of the market gardeners in this matter.

Control of Milk Tasters in Milk and Butter Distributing Plants

In order to detect any unusual taste that may be present in milk, the milk tasters in milk plants and butter factories are required to taste raw milk for foreign flavours and odours. As a result some experience has been had with cases of septic sore throats resulting from this occupational practice. The Council decided this was a matter to be taken up initially with the Workmen's Compensation Board, and the chairman was asked to bring the question up at the next Dominion Council of Health meeting in order to see if any definite action was being taken by other provinces.

Industrial Hygiene

Dr. Davison indicated that representations had been made to the Dominion Department of Pensions and National Health and also to the Rockefeller Foundation in order to have a survey made of this province concerning hazards existing in small manufacturing and dry-cleaning plants, garages, etc., in the province. He indicated that a conference had been held between the Workmen's Compensation Board, the Factory Inspection Service, Department of Public Works and the Department of Public Health with regard to this matter. The Council was of the opinion that this line of survey be pursued and, if possible, an Industrial Hygiene Branch be established by the Department of Public Health to co-operate with the Workmen's Compensation Board in dealing with hazardous occupations in these various industries.

Human Encephalomyelitis

Dr. Fulton reported to the Council that he had definitely isolated the virus of equine encephalomyelitis in the case of two persons. In one case it was found in the blood of a patient who ultimately recovered; at least the virus was neutralized by the blood serum of this patient; and in another case, which proved to be fatal, he recovered the virus from the brain. Dr. Fulton indicated that much experimental work is being done in connection with this disease, that he now has potent anti-serum; i.e., potent horse anti-serum, and

that if it would be advantageous to use it in humans his supply was available. He further stated that a disease existed in poultry which gives every indication of being similar to the encephalomyelitis which had been so general among the horses of this province. He further stated that the virus had been recovered from hens a month afterwards, even though no major symptoms had developed after artificial infection in the laboratory.

Examination of Recruits—C.A.S.F.

The chairman summarized the result of the Dominion Council of Health meeting held in October, 1939, where definite recommendations were made for a thorough examination of all recruits before being accepted for service, including a Wassermann test and a complete X-ray examination of the chest of the recruit.

Relief Medical Services and Hospitalization

The chairman indicated to the Council the plan of relief medical services and hospitalization which had been conducted during the past year in the relief areas and among the northern settlers and the Bureau of Labour cases in the local improvement districts.

Medical Certificates for Marriages

Discussing the present method of medical examination of the male applicant for a licence to marry, the Council expressed the opinion that the present health certificate for marriage does not accomplish the object for which it was intended, inasmuch as the Anti-Tuberculosis League has no record of any patient who stated his admission to a sanatorium was due to failure to obtain a medical certificate for marriage. The recommendation, therefore, was made that both parties to the marriage ceremony should produce a health certificate and such certificate should state the result of a tuberculin test, and, if positive, of an X-ray of the chest. Also an adequate test for venereal diseases, including Wassermann test.

Regulations governing Private Hospitals and Nursing Homes; Regulations governing Fumigation with Hydrocyanic Acid Gas; Regulations re Second-hand Mattresses.

These proposed regulations were given consideration and it was decided by Council that copies thereof should be forwarded to each member of the Council for further study and comment by them.

B.C.G. Vaccination

Dr. Ferguson gave a short résumé of the work being done in connection with vaccinating apparently healthy adults against tuberculosis by the use of B.C.G. vaccines. He reported that they had received a small grant of \$2,000.00 from the National Research Council in order to carry out this work in the production of B.C.G. vaccines. Dr. Ferguson expects to try tuberculin tests and vaccinate non-reactors with the vaccine, commencing with the schools of nursing of the general hospitals and the nursing staffs of the mental hospitals. He expects to do at least 800 to 1,000 during this year. Dr. Ferguson explained that the Anti-Tuberculosis League have had a considerable amount of work done on the Indian Reservation of File Hills and that the results so far obtained there and at Montreal appear to be quite satisfactory, and in his opinion the immunity produced was 75% efficient in the average individual. In view of the low incidence of infection among early adults at the present time as compared with the incidence of infection 20 years ago, it is felt that some method of active immunization is essential if the control of tuberculosis is to materialize. Consequently, with the experience obtained from the B.C.G. vaccine, it is felt that this should be gradually extended in order that people at large may make use of this method of immunization in the same way as that used against typhoid, diphtheria, smallpox, etc. The Council commended Dr. Ferguson for his efforts along these lines.

TREATMENT OF RESIDUAL PARALYSIS—ANTERIOR POLIOMYELITIS (See also *Division of Communicable Disease Report*)

No further outbreak of this disease having occurred during 1939, the problem of handling these patients was lessened considerably as compared with the years of 1937 and 1938.

Owing to the follow-up system instituted in 1938, whereby an orthopaedic surgeon visited patients at their homes and gave full instructions regarding

management and treatment of the cases, only those cases which required operative treatment or special paralytic appliances reported to the Red Cross Society who had taken over control in 1938.

Thirty-seven patients received treatment in the Junior Red Cross Hospital in 1939 and many of these patients suffered from deformities due to infantile paralysis several years ago. Surgery to correct the deformities was instituted in 16 cases and the patients were greatly improved. Special exercises, plastic casts and metal braces proved beneficial in all but three cases, where no improvement could be noticed.

During the year 1939, sixteen cases of acute anterior poliomyelitis (infantile paralysis) were reported to the department.

LEGISLATION: STATUTES OF 1940
(2nd Session of 9th Legislature)

The following amendments to the various Acts administered were enacted to be in force on dates shown:

1. *The Hospitals Act.* (May 1, 1940)
 - (a) Sec. 5 amended limiting number of days for which public aid may be granted.
 - (b) New section 6a re hospital accounting systems.
2. *The Tuberculosis Sanatoria and Hospitals Act.* (May 1, 1940)
 - (a) Sec. 29 amended re rates of interest and taxes due by municipalities.
3. *The Union Hospital Act.* (May 1, 1940)
 - (a) Sec. 51 re cancellation of specific assessment for lands.
4. *The Mutual Medical and Hospital Benefit Associations Act.* (May 1, 1940)
 - (a) Sec. 20 amended re passage of bylaws.
5. *The Municipal Medical and Hospital Services Act.* (May 1, 1940)

Several amendments involving 8 sections and 3 new sections.
6. *The Vital Statistics Act.* (Jan. 1, 1940)
 - (a) Sec. 54 amended re change of name.
 - (b) Sec. 56 repealed re stillbirths. New section.
 - (c) Sec. 60 amended re transportation of bodies.
7. *The Mental Hygiene Act.* (May 1, 1940)
 - (a) Sec. 22 amended re withholding Warrant of Committal.

Amendments were also enacted to the following Acts which are not administered by the department:

1. *The Medical Profession Act.*
2. *The Coroners Act.*
3. *The Child Welfare Act.*
4. *The Administrator of Estates of the Mentally Incompetent Act.*

REGULATIONS

No amendments or new regulations.

Health Services Board

Members of the Board

As in the previous year, the board was composed of Dr. H. H. Christie of Esterhazy, representing the Saskatchewan College of Physicians and Surgeons; Mr. R. W. Hanham of Woodrow, representing the Saskatchewan Association of Rural Municipalities, and Dr. R. O. Davison, Deputy Minister of Public Health, as chairman.

Mr. Hanham resigned during the year and Mr. M. S. Anderson of Bulyea, Reeve of R.M. 220, was appointed to the vacancy on October 1st.

Municipal Bylaws and Agreements Approved

Bylaws for the employment of municipal physicians, prepared under the provisions of the municipal Acts, were approved for the villages of Eatonia, Holdfast, Pangman and Rocanville, R.M. 12, R.M. 69, R.M. 151, R.M. 260, R.M. 261, R.M. 301, R.M. 312, R.M. 331 and R.M. 442.

Bylaws for the employment of municipal surgeons, prepared under the provisions of the municipal Acts, were approved for the village of Eatonia, R.M. 169, R.M. 260, R.M. 261, R.M. 457 and R.M. 458.

Bylaws authorizing hospital care and treatment at municipal expense, prepared under the provisions of the municipal Acts, were approved for the town of Cabri, the villages of Briercrest and Dollard, R.M. 271, R.M. 277, R.M. 303, R.M. 312, R.M. 366, R.M. 397, R.M. 405, R.M. 411 and R.M. 458.

Bylaws, prepared under *The Municipal Medical and Hospital Services Act*, were approved for the towns of Lumsden, Scott and Strasbourg, the villages of Bulyea, Earl Grey, Pangman, Revenue and Silton, R.M. 70, R.M. 128, R.M. 169, R.M. 189, R.M. 219, R.M. 220 and R.M. 380.

Agreements with municipal physicians, entered into under the provisions of the municipal Acts, were approved for the villages of Lake Lenore and Viceroy, R.M. 65, R.M. 71, R.M. 95, R.M. 168, R.M. 169, R.M. 334, R.M. 428 and R.M. 440.

An agreement with a municipal surgeon, entered into under the provisions of *The Rural Municipality Act*, was approved for R.M. 459.

Termination of a municipal physician agreement, entered into under the provisions of *The Rural Municipality Act*, was approved for R.M. 440.

Under *The Municipal Medical and Hospital Services Act*, agreements with physicians were approved for R.M. 220, the villages of Bulyea, Pangman and Silton, and the town of Strasbourg.

Agreements with hospitals, under the same statute, were approved for the towns of Lumsden and Strasbourg, the villages of Bulyea, Earl Grey and Silton, R.M. 189, R.M. 219 and R.M. 220.

An agreement with a hospital, under *The Village Act*, was approved for the village of Dollard.

The Mutual Medical and Hospital Benefit Associations Act

The following mutual benefit associations were incorporated during 1939:

The Prince Albert Mutual Medical Benefit Association, Limited;
 The Kindersley Mutual Health Benefit Association, Limited;
 The Tramping Lake Health Club and Mutual Benefit Association, Limited;
 The Chaplin District Mutual Medical Benefit Association, Limited;
 The Delisle Community Mutual Medical Benefit Association, Limited;
 The Saskatoon Mutual Medical and Hospital Benefit Association, Limited;
 The Conquest Mutual Medical Benefit Association, Limited.

Bylaws of four associations, as well as agreements entered into with physicians and hospitals by two associations, were approved during the year.

Number of Municipal Physicians

In 1939, the following three towns, 53 villages and 86 rural municipalities employed municipal physicians under the provisions of the municipal Acts:

The towns of Eston, Kindersley and Wadena, the villages of Arborfield, Beechy, Buchanan, Bethune, Brock, Colgate, Chamberlain, Coronach, Ceylon, Dilke, Dafoe, Elfros, Flaxcombe, Findlater, Goodwater, Hardy, Hazenmore, Hubbard, Holdfast, Imperial, Jasmin, Kelliher, Kincaid, Kelvington, Kandahar, Kennedy, Lestock, Lipton, Leslie, Lake Lenore, Liberty, Landis, Leroy, Mazenod, Maryfield, Madison, Mervin, Muenster, Margo, Meyronne, Osage, Penzance, Quill Lake, Richlea, Salvador, Spring Valley, Simpson, Turtleford, Vantage, Viceroy, Wawota, Wishart and Welwyn, and R.M. 9, R.M. 11, R.M. 12, R.M. 37, R.M. 39, R.M. 45, R.M. 46, R.M. 65, R.M. 66, R.M. 69, R.M. 71, R.M. 73, R.M. 75, R.M. 91, R.M. 92, R.M. 93, R.M. 95, R.M. 96, R.M. 101, R.M. 103, R.M. 121, R.M. 122, R.M. 123, R.M. 126, R.M. 128, R.M. 133, R.M. 136, R.M. 151, R.M. 153, R.M. 166, R.M. 168, R.M. 169, R.M. 190, R.M. 214, R.M. 215, R.M. 216, R.M. 217, R.M. 221, R.M. 223, R.M. 226, R.M. 246, R.M. 247, R.M. 251, R.M. 259, R.M. 260, R.M. 261, R.M. 277, R.M. 280, R.M. 281, R.M. 289, R.M. 290, R.M. 291, R.M. 304, R.M. 307, R.M. 308, R.M. 310, R.M. 321, R.M. 334, R.M. 336, R.M. 337, R.M. 338, R.M. 339, R.M. 340, R.M. 341, R.M. 348, R.M. 366, R.M. 367, R.M. 368, R.M. 369, R.M. 370, R.M. 371, R.M. 381, R.M. 398, R.M. 410, R.M. 427, R.M. 428, R.M. 439, R.M. 440, R.M. 442, R.M. 456, R.M. 457, R.M. 458, R.M. 459, R.M. 471, R.M. 486 and R.M. 499.

The aggregate population of towns employing municipal physicians was 2,262, that of the villages 10,334, and those areas of rural municipalities where the scheme was in effect 170,948. Thus, a total of 183,544 persons resided in communities where medical services were provided under the provisions of the municipal Acts.

In addition, two districts of the province were established under *The Municipal Medical and Hospital Services Act* and both provided medical and hospital services to their residents. The first district comprised the town of Strasbourg, the villages of Bulyea and Silton, and R.M. 220, with a total population of 2,350. The second included the village of Earl Grey and R.M. 219 with a population of 2,173. The village of Pangman with 146 people employed a physician under this statute.

Therefore, under the municipal Acts and *The Municipal Medical and Hospital Services Act*, an aggregate of 188,213 persons received the benefit of municipal medical services, or 19.8% of the provincial total.

Number of Municipalities Providing Hospital Care and Treatment for Their Residents

Under the provisions of the municipal Acts, 3 towns with a total population of 2,622, 4 villages with a total population of 612, and 57 rural municipalities with a total population of 110,731, provided municipal hospitalization. They included the following:

The towns of Cabri, Shaunavon and Wadena, the villages of Dollard, Edam, Evesham and Major, R.M. 78, R.M. 79, R.M. 131, R.M. 158, R.M. 167, R.M. 168, R.M. 169, R.M. 228, R.M. 229, R.M. 243, R.M. 244, R.M. 246, R.M. 258, R.M. 259, R.M. 260, R.M. 261, R.M. 262, R.M. 278, R.M. 286, R.M. 287, R.M. 288, R.M. 290, R.M. 291, R.M. 303, R.M. 305, R.M. 313, R.M. 317, R.M. 318, R.M. 320, R.M. 321, R.M. 336, R.M. 337, R.M. 340, R.M. 341, R.M. 352, R.M. 367, R.M. 368, R.M. 369, R.M. 370, R.M. 371, R.M. 379, R.M. 381, R.M. 382, R.M. 408, R.M. 409, R.M. 410, R.M. 411, R.M. 442, R.M. 458, R.M. 467, R.M. 469, R.M. 472, R.M. 493, R.M. 495, R.M. 497, R.M. 498 and R.M. 502.

In addition, the town of Strasbourg, the villages of Bulyea, Earl Grey and Silton, R.M. 219 and R.M. 220, provided municipal hospitalization under the provisions of *The Municipal Medical and Hospital Services Act*. The aggregate population of these urban and rural municipalities was 4,282.

Therefore, under the municipal Acts and *The Municipal Medical and Hospital Services Act*, a total of 115,013, or 12.1% of the people of the province reside in municipalities where hospital care and treatment is provided at municipal expense.

The extent of hospitalization paid for by municipalities varied, although the majority assumed the cost of public ward accommodation at a rate which usually included all ordinary nursing services. These daily rates ranged from \$2.00 to \$2.75 per day. Some municipalities merely paid \$1.00 per day on the

hospital account of any resident for a maximum period of either fifteen or thirty days. Others hospitalized their residents on a cost plus 10% basis, or paid up to a maximum of \$35.00 on any account. Two rural municipalities secured public ward accommodation for their people by the payment of a specified annual lump sum.

Municipalities Providing Both Municipal Medical and Hospital Services

Under the municipal acts, the town of Wadena and the following rural municipalities had established both medical and hospital services:

R.M. 168, R.M. 169, R.M. 246, R.M. 259, R.M. 260, R.M. 261, R.M. 290, R.M. 291, R.M. 321, R.M. 336, R.M. 337, R.M. 340, R.M. 341, R.M. 367, R.M. 368, R.M. 369, R.M. 370, R.M. 371, R.M. 381, R.M. 410, R.M. 442 and R.M. 458.

In addition, the town of Strasbourg, the villages of Bulyea, Earl Grey and Sifton, R.M. 219 and R.M. 220 had likewise done so, but under the provisions of *The Municipal Medical and Hospital Services Act*.

Thus, two towns, three villages and 24 rural municipalities provided both municipal medical and hospital services. These communities represented a total population of 54,315, or 5.7% of the provincial figure.

Amendments to Legislation

The Rural Municipality Act was amended to permit rural municipalities to employ dentists for their residents.

Relief Medical Services

REGINA, SASK., June 10, 1940.

DR. R. O. DAVISON,
Deputy Minister of Public Health.

SIR:

I beg to submit a report of the Medical Relief Services Branch for the Relief Year 1938-39 (to August 31, 1939).

Owing to poor crop conditions throughout a large part of the province the system of special grants was continued to doctors, dentists, hospitals, the Canadian Red Cross Society and the Canadian National Institute for the Blind, also assistance by way of medical relief to residents in Southern Local Improvement Districts, Northern Local Improvement Districts and bordering rural municipalities, where Northern Settlers are located. Large numbers of single homeless and transient persons were assisted, as well as persons moving from one municipality to another in Saskatchewan. In the Province of Manitoba settlers were placed under the Land Utilization Board.

This branch of your department commenced operation on September 1, 1937; a summary is given herewith to show the extent of our operations during the 1938-39 relief year.

Physicians

Class "A1": In the Main Drought Area physicians were guaranteed an income of \$150.00 plus mileage of 10c per mile in summer and 20c per mile in winter—total maximum grant including mileage not to exceed \$250.00 per month.

Monthly average:

Number of physicians	81
Cash receipts	\$54.87
Mileage	438
Grant per doctor	\$157.36

Class "A2": Owing to the Relief Area extending much further north and west, doctors who were considered in the marginal relief area during 1937-38, were given a definite classification. They were eligible for a maximum grant of \$125.00 plus mileage of 10c per mile in summer and 20c per mile in winter; maximum mileage not to exceed \$75.00 per month. Grant and mileage to be applied toward making up the professional income from all sources to \$150.00 per month.

Monthly average:

Number of physicians	18
Cash receipts	\$81.85
Mileage	231
Grant per doctor	\$104.74

Class "C": Physicians practising in the cities of Regina, Saskatoon and Moose Jaw were eligible for a grant based on 25% of the last approved Schedule of the College of Physicians and Surgeons of Saskatchewan.

Grants were not to exceed \$100.00 per month, and were paid only for patients referred under the proper authority from the relief area. No mileage was granted.

Monthly average:

Number of physicians	87
Fees per doctor	\$302.81
Grant per doctor	\$54.43

Class "C1": Physicians in the smaller hospital centres in the Relief Area, doing referred hospital or office work and engaged in rural practice in the adjacent rural districts, such as Estevan, North Battleford, Swift Current and Weyburn. A grant of \$100.00 per month based on 33 1/3% of the last approved Schedule of the College of Physicians and Surgeons of Saskatchewan, plus a mileage allowance of up to a maximum of \$100.00 per month for necessary

transportation to and from patients at 10c per mile in summer and 20c per mile in winter.

Monthly average:	
Number of physicians	20
Fees per doctor	\$457.25
Mileage	131
Grant per doctor	\$105.03

Extra Area: Certain physicians practising in Northern Districts were guaranteed an income up to \$150.00 per month, provided that the relief grant was not in excess of \$50.00 per month; no mileage allowance was provided.

Monthly average:	
Number of physicians	19
Cash receipts	\$63.24
Mileage	157
Grant per doctor	\$49.33

Total grants to physicians, all classes, during 1938-39 Relief Years: \$309,319.04.

Dentists

Dentists practising in the Area designated A1, and in the cities of Swift Current and Weyburn were eligible for a grant up to a maximum of \$75.00 per month; grant was computed on a basic sum of \$25.00, plus 33 $\frac{1}{3}$ % of the Schedule of the Saskatchewan Dental Association, and \$3.00 for denture repairs.

Dentists practising in the area designated A2 were eligible for a grant up to a maximum of \$50.00 per month, to cover cost of services rendered to patients from the Relief Area. Grant was computed on a basic sum of \$25.00 per month, plus 33 $\frac{1}{3}$ % of the Schedule of the Saskatchewan Dental Association.

Main Drought Area	\$75.00 per month
Secondary Drought Area	\$50.00 per month
Cities (Regina, Saskatoon, Moose Jaw, North Battleford) for services rendered to patients from adjacent Relief Areas	\$50.00 per month
Total paid to dentists, all classes, for 1938-39 Relief Year:	\$27,775.76.

Dental Clinics: School Dental Clinics in the Relief Area were conducted under the supervision of the Public Health Nursing Division, at rate of payment of \$15.00 per day, plus transportation and subsistence allowance, with \$3.00 for supplies used. School districts paid fifty cents per child treated, which amount was applied in reduction of total cost per individual school district.

Total cost of Dental Clinics: \$6,367.16.

Dentures: Repairing of plates and providing dentures was supplied when the department was satisfied that the health of the patient was being seriously impaired by the lack of proper plates. Payment was on the basis of \$12.50 per plate and dentists were permitted to collect the balance from the patient or municipality responsible.

Total cost of Dentures: \$6,622.00.

Hospitals

A relief grant of 50c per day per patient—in addition to the statutory grant—was paid to hospitals who made application for such assistance, when patients were from the Relief Area. The department reserved the right to withhold grants from any hospital who did not agree to admit emergent and necessitous cases from any municipal unit, and who did not allow a 10% discount on relief patients' accounts, whose admissions were authorized by municipalities in the Relief Area.

Those hospitals who were not paid on the 50c per day per patient basis received a straight monthly grant based on their financial necessity.

Hospitals Paid Monthly Grant

Arcola, Union	\$ 1,400.00	Leader, Town	\$ 760.00
Assiniboia, Union	3,200.00	Macklin, St. Joseph's	2,585.00
Bengough, Municipal	960.00	Maple Creek, General	4,200.00
Biggar, St. Margaret's	2,000.00	Milden, Community	660.00
Birch Hills, General	960.00	North Battleford, Notre	
Cabri, Union	2,400.00	Dame	4,310.00
Central Butte	870.00	Oxbow, Union	1,400.00
Climax, Board	300.00	Pontieux, Gabriel	1,640.00
Cudworth, St. Michael's	1,800.00	Rabbit Lake, Rose Gill	1,200.00
Davidson, Union	1,020.00	Red Cross, Bracken	800.00
Eatonia, Union	1,105.00	Red Cross, Lucky Lake	700.00
Edam, Lady Minto	2,235.00	Red Cross, Rockglen	525.00
Frontier, Community	720.00	Rouleau, Community	480.00
Gravelbourg, St. Joseph's	5,890.00	Scott, Municipal	450.00
Gull Lake, Union	1,960.00	Shaunavon, Union	4,800.00
Hafford	1,200.00	Swift Current, General	4,700.00
Herbert, Community	1,400.00	Unity, Union	2,860.00
Kerrobert, Union	1,560.00	Vanguard, Union	1,945.00
Kincaid, Community	1,200.00	Wakaw, Anna Turnbull	1,500.00
Kindersley, Union	3,070.00	Weyburn, General	2,800.00
Lampman, Union	3,260.00	Wilkie, Union	2,720.00
			<u>\$79,545.00</u>

Hospitals Paid 50c per Day per Patient.

Borden, Nursing Home	\$ 51.00	Moosomin, General	23.00
Broadview, St. Michael's	194.50	Nokomis, Community	65.00
Cut Knife, Municipal	158.00	Prince Albert, Holy Family	5,702.50
Elrose, Community	30.50	Prince Albert, Victoria	3,890.00
Empress, Cottage	666.50	Red Cross, Dinsmore	383.50
Estevan	3,680.50	Red Cross, Regina	1,160.00
Estevan, St. Joseph's	2,150.00	Regina, General	7,650.00
Hepburn, Good Will	50.00	Regina, Grey Nuns	10,963.00
Humboldt, St. Elizabeth's	343.00	Rosetown, Union	83.50
Indian Head, Union	411.50	Saskatoon, City	14,222.50
Medicine Hat, General	1,607.00	Saskatoon, St. Paul's	13,413.00
Milden, Community	577.00	Unity, Union	553.00
Moose Jaw, General	9,088.50	Watrous, Manitou	1,099.00
Moose Jaw, Providence	5,566.50	(Miss M. Pickup)	150.00
			<u>\$83,932.50</u>

Canadian National Institute for the Blind

Advances were made to the above institution to provide glasses for relief patients, also examination.

Total advances

\$10,411.35

Canadian Red Cross Society

Advances were made to the above organization to provide drugs for necessitous cases.

Total advances

\$20,000.00

Northern Areas

Out of a total of 22,583 persons on relief under the Northern Settlers' Re-establishment Branch, we provided medical, hospital, dental, drug and burial services for approximately 16,209 persons. Before payment of accounts was made certification form had to be signed by the relief inspector and attending physician. For indigent cases, a destitute form had to be filled out by the head of the family, if the family was not on relief. A demand note was signed by the head of the family, and is on file here for each case.

Medical	\$100,038.45
Dental	5,221.25
Hospitals	78,191.56
Drugs	14,971.44
Nursing services	3,649.25
Sustenance of patients	4,400.56
Optical	30.32
Transportation	8,816.92
Burials	3,039.36
	\$218,359.11

Southern Areas

Under this section relief recipients were given medical, dental, hospital, drug and burial services, in southern Local Improvement Districts, authorizations for assistance being given by the municipal inspectors at Shaunavon and Rockglen. All accounts had to be accompanied by a demand note before payment was made.

Medical	\$15,517.27
Dental	533.25
Hospitals	15,256.38
Drugs	2,893.58
Nursing services	695.75
Transportation	640.21
Burials	777.90
	\$36,314.34

Single Homeless and Transient Families

All requests for medical, dental, hospital, drug and burial services were referred to the medical officer by the Bureau of Labour and Public Welfare, Direct Relief Branch. Accounts after being assessed were passed for payment.

Medical	\$55,556.00
Dental	5,190.07
Hospitals	42,952.40
Drugs	19,584.09
Optical	22.12
Transportation	673.87
Burials	1,745.45
	\$125,724.00

Municipal Cases

These represent persons moving from one municipality to another, and as neither the municipality from which they came nor the municipality in which they are now living will assume responsibility, the Government has had to assume the care of these people. The Direct Relief Branch of the Bureau of Labour and Public Welfare refers the cases to the Medical Officer for treatment.

Medical	\$5,330.15
Dental	502.35
Hospitals	2,957.51
Drugs	1,360.42
Optical	2.50
Transportation	161.80
Burials	138.35
	\$10,453.08

Land Utilization Cases

A few years ago certain families were moved from southern Saskatchewan to the Province of Manitoba on the understanding that they would not become a charge on the latter province. Cases are referred to the Medical Officer by the Direct Relief Branch, Bureau of Labour and Public Welfare.

Medical	\$ 363.70
Dental	20.00
Hospitals	1,436.40
Drugs	16.70
Transportation	1.50
Burials	96.25
	\$1,934.55

P.F.R.A. Cases

Under *The Prairie Farm Rehabilitation Act* certain families were moved from southern Saskatchewan to the Province of Alberta a year or so ago.

They are the direct responsibility of the Province of Saskatchewan, and cases for medical treatment are referred to the Medical Officer by the Direct Relief Branch, Bureau of Labour and Public Welfare.

Medical \$25.00

Relief Medical Services Expenditures
(1938-39)—Sept. 1, 1938, to Aug. 31, 1939

Administration \$ 19,503.31

Grants:

Physicians	\$309,319.04	
Dentists	27,775.76	
Hospitals	163,477.50	
Dental Clinics	6,367.16	
Dentures	6,622.00	
C.N.I.B.	10,411.35	
Canadian Red Cross	20,000.00	
		543,972.81

Northern Areas:

Medical	\$100,038.45	
Dental	5,221.25	
Hospitals	78,191.56	
Drugs	14,971.44	
Nursing Services	3,649.25	
Sustenance of patients	4,400.56	
Optical	30.32	
Transportation	8,816.92	
Burials	3,039.36	
		218,359.11

Southern Areas:

Medical	\$15,517.27	
Dental	533.25	
Hospitals	15,256.38	
Drugs	2,893.58	
Nursing Services	695.75	
Transportation	640.21	
Burials	777.90	
		36,314.34

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Dental	5,190.07	
Hospitals	42,952.40	
Drugs	19,584.09	
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Burials	1,745.45	
		125,724.00

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Dental	20.00	
Hospitals	1,436.40	
Drugs	16.70	
Transportation	1.50	
Burials	96.25	
		1,934.55

P.F.R.A.:

Medical	\$25.00	
		25.00

\$956,286.20

General

The Relief Area for the year 1938-39 included 86 rural municipalities under the Class "A1" area, and 36 rural municipalities under the Class "A2" area, together with 18 southern Local Improvement Districts. Residents of cities, towns and villages within the Relief Area were also given assistance.

Close co-operation between the medical profession and the department was responsible for the smooth working of the Medical Relief Plan, which primarily was established to relieve the suffering of destitute persons throughout the province.

Under the direction of the Supervising Medical Committee and the Department of Public Health overlapping of expenditures was avoided and government branches were given proper medical advice which had been lacking in previous years.

With improved conditions throughout the province it is hoped that a very considerable curtailment of medical relief expenditures can be made during the coming year.

Respectfully submitted,

J. W. LORD, M.D.
Medical Officer.

NOTE: The above costs are not included in the expenditures table immediately following, but form part of the vote of the Department of Municipal Affairs (Relief Services).

Expenditures for Fiscal Years 1938-39 and 1939-40

Sub-Vote	Service	1938-39	1939-40	Increase or Decrease
1	Administration	\$ 18,510.25	\$ 17,417.37	-\$ 1,092.88
2	General services, including nursing services, sanitation, disease prevention, hospital administration and miscellaneous	79,344.81	75,225.90	- 4,118.91
3	Treatment of venereal disease	21,991.12	22,988.58	+ 997.46
4	Registrar General's office	22,730.26	23,643.93	+ 913.67
5	Statutory grants to approved hospitals and three sanatoria	742,920.00	718,580.50	- 24,339.50
6	Provincial Laboratory	20,051.11	21,302.48	+ 1,251.37
7	Free distribution of vaccines and sera	26,252.96	28,735.47	+ 2,482.51
8	Grants to charitable organizations	20,400.00	22,400.00	+ 2,000.00
9	Relief of destitutes	14,807.64	14,967.88	+ 160.24
10	Maternity grants	43,178.00	42,600.00	- 578.00
11	Psychopathic Ward, Regina	15,924.76	8,225.10	- 7,699.66
12	Mental hospitals at North Battleford and Weyburn and cost of committals.....	537,435.92	577,029.50	+ 39,593.58
13	Health Services Board.....	2,687.38	3,481.22	+ 793.84
14	Cancer services	48,284.89	96,049.92	+ 47,765.03
		\$1,614,519.10	\$1,672,647.85	+\$58,128.75

The per capita expenditures in cents on the above services for the past five years, based on populations shown in parentheses in the year columns, were as follows: (These population totals are provided annually by the Dominion Bureau of Statistics.)

Sub-vote	1935-36 (978,000)	1936-37 (931,000)	1937-38 (939,000)	1938-39 (941,000)	1939-40 (949,000)
1	1.3	1.7	1.5	2.0	1.9
2	6.9	7.8	8.6	8.4	8.0
3	2.2	2.5	2.5	2.3	2.4
4	1.8	2.1	2.2	2.4	2.5
5	67.5	74.9	77.0	78.9	75.7
6	1.8	2.1	2.5	2.1	2.2
7	1.6	2.8	2.4	2.8	3.0
8 .....	.2	.3	1.5	2.2	2.4
9 .....	.7	1.2	1.2	1.6	1.6
10	4.5	6.4	5.9	4.6	4.5
11	1.1	1.2	1.6	1.7	.9
12	27.9	35.2	49.3	57.1	60.8
13 .....	.1	.6	.5	.3	.4
14	3.6	5.1	5.0	5.1	10.1
Total per cap. cost	\$1.21	\$1.44	\$1.62	\$1.71	\$1.76

Saskatchewan Anti-Tuberculosis League

FORT SAN, SASK., September 3, 1940.

DR. R. O. DAVISON,
Deputy Minister,
Department of Public Health.

SIR:

On behalf of the Saskatchewan Anti-Tuberculosis League, I beg to submit the following brief report of some of the outstanding features of anti-tuberculosis work in Saskatchewan during the year 1939:

During the past year the league has done the largest amount of preventive work in its history; 28,863 examinations were made for the discovery of new cases. As a result of this increased work twenty-seven more new active cases of tuberculosis were discovered than in the previous year.

War makes increased demands on tuberculosis organizations. In the past it has been associated with rising death rates from this disease. Against the tuberculosis causes associated with this war the Saskatchewan Anti-Tuberculosis League is well equipped, and with increased public support we hope to hold the position which we have fought so hard to attain, and as a recognized war effort advance towards the ultimate goal.

The recruits to the Canadian Expeditionary Force are being carefully examined on enlistment, including X-ray. Spreaders and early cases of tuberculosis are being identified and transferred to the sanatoria for treatment. The league is offering assistance through its personnel and clinics to carry out this plan as thoroughly as possible. The results should be increased efficiency in the army and increased protection for the civilian population.

With the experience of the last war fresh in mind the league plans to increase its preventive work in 1940 by providing additional stationary clinics and one additional travelling clinic. Our educational programme must be accelerated to meet the greater needs of prevention occasioned by the war.

We have been greatly encouraged during the present year by the increased efforts made by the Department of Indian Affairs to institute a programme for the control of tuberculosis among the Indians. A great deal of work has been done by the Indian Department. Tuberculosis has been removed from the Indian schools, and altogether 2,625 Indians were examined for tuberculosis.

During 1939, 296,713 days' treatment for tuberculosis was given in Saskatchewan, and 9,149 persons were admitted for treatment, and for observation for diagnosis, review or special treatment in the three sanatoria. Of this number, 1,383 had active tuberculosis requiring more or less prolonged treatment.

Altogether a total of 33,306 persons had medical examination and advice by the league during the year. Of this number 23,863 were examined at the expense of the preventive fund raised by the sale of Christmas seals.

In 1939, there were 478 new cases of active tuberculosis discovered, compared with 452 in 1938. The proportion of early cases among the new cases of active pulmonary tuberculosis discovered in 1939 was practically the same as in 1938:

	Pulmonary Tuberculosis		
	Minimal	Mod. Adv.	Far Adv.
1938	48.6	18.4	33.0
1939	48.2	16.8	34.4

Details of the medical work of the league are contained in the annual report of the Saskatchewan Anti-Tuberculosis League which may be secured by those especially interested.

As a result of the greater proportion of our children and young adults now not being infected with the disease, the tuberculin test for the presence

of infection has become of great importance in eliminating persons with doubtful symptoms who have not been infected with the disease. At the present time tuberculin, diluted and ready to use, is supplied regularly to practically every physician in the province, either at his office or the local hospital. The use of this test has stimulated interest in the eradication of the disease by the family physicians, and they deserve every credit for the way they have co-operated in the discovery of early cases for treatment.

Reduction of infection appears to be the solution of the problem insofar as the general public is concerned, but in the case of persons who are engaged in the care of the sick in hospitals and sanatoria, where they are unavoidably exposed to infection, a more difficult problem arises as infection decreases.

Although the incidence of tuberculosis has fallen steadily in the general population, the proportion who break down among the nurses in training in the province has remained practically the same notwithstanding the fact that living conditions have improved, working hours have been shortened, and increased instruction has been given in the principles of technique of protection against infection.

This year Calmette's tuberculosis vaccine, B.C.G., has been made available to the nurses in the hospitals and sanatoria in the province who enter training uninfected, and who have been found to be more susceptible to the disease than those who have had infection prior to entering the hospital. The use of this vaccine for the protection of unavoidably exposed persons is a necessary step in a province where infection is being rapidly reduced. This vaccine has been used for the protection of nurses in the Scandinavian countries for more than ten years, with very gratifying results, and it has been used for the protection of Indian infants on the Qu'Appelle Indian Health Unit in Saskatchewan for the past six years with equally encouraging results. Dr. Boudouin of Montreal has had a similar experience in protecting babies born in homes where there was open tuberculosis.

The vaccine does not give as high a degree of protection as vaccination against smallpox or diphtheria, but in the above experience it has reduced the number of breakdowns among exposed persons by 75 per cent. in comparison with the unvaccinated group. It does not seem opportune as yet to use this vaccine in the case of the general public, where the danger of contracting the disease is less than one-tenth as great as that found among nurses. Consequently, for the time being at least, it is being made available only to unavoidably exposed persons.

Respectfully submitted,

R. G. FERGUSON,
Director of Medical Services and General Superintendent.

Division of Communicable Disease

REGINA, November 14, 1940.

DR. R. O. DAVISON,
Deputy Minister of Public Health,
Regina, Sask.

SIR,—

I beg to submit the report of the Division of Communicable Disease, including Venereal Disease report, for the calendar year 1939.

Tables I to XVI are as follows:

- I—The fluctuation of morbidity and mortality during 1938-1939, also showing population and fatality rates.
- II—Monthly distribution of communicable disease morbidity.
- III—Summary of distribution of communicable disease morbidity, by cities (individual totals of each city), towns, villages and rural municipalities.
- IV—Diphtheria incidence—distribution by age and sex groups.
- V—Scarlet fever incidence—distribution by age and sex groups.
- VI—Measles incidence—distribution by age and sex groups.
- VII—Whooping cough incidence—distribution by age and sex groups.
- VIII—Detailed distribution of communicable disease morbidity—alphabetically by cities, towns, villages and rural municipalities.
- IX—Comparative issues and costs of vaccines and sera—1935-1939.
- X—XI—Trachoma.
- XII—XVI—Venereal disease.

ROUTINE

Letters received	3,718
Physicians' reports received	873
Memoranda received	165
Telegrams received	55
Letters dispatched	2,051
Memoranda dispatched	229
Telegrams dispatched	11
Parcels of vaccines and sera dispatched	2,917
Parcels of forms, bulletins, regulations, etc. dispatched	523
Statistical reports—internal—dispatched	480
Statistical reports—external—dispatched	260
Undertakers' licences issued	34
Disinterment permits issued	65

Diphtheria:

There were 261 cases of diphtheria in 1939, being 5 more than in 1938. The 1939 deaths were 36 as compared with 28 in 1938. In 1938 and 1939 there were considerably more cases each year than in any year since 1931. The largest number of cases occurred in November, when 78 cases were reported. In July there was only 1 case. Prince Albert reported 10, Moose Jaw 9, Saskatoon 3, North Battleford 2, Yorkton 2, Weyburn 2. Melfort reported 84 cases and Cudworth 16 cases. Five towns, 7 villages and 39 rural municipalities reported cases. Forty-one, or 15.7%, of the cases were under 6 years of age, and 58, or 22.2%, were between 6 and 15 years. An unusually large number (65) were over 20 years of age. During the year 43,191,000 units of diphtheria antitoxin, at a cost of \$3,796.16, were distributed. Only 31,334,000 units were sent out in 1938. Sufficient toxoid to immunize 49,297 persons was sent out in 1939, as compared with 25,615 in 1938. There were 56 cases of diphtheria carrier reported.

Measles:

Following the epidemic of measles which occurred in the years 1934-5-6-7, when a total of 22,382 cases occurred with 341 deaths, there were only 412

cases with 19 deaths in 1938 and 261 cases with 6 deaths in 1939. There were fewer cases in 1939 than in any year since 1909. One hundred and eleven of the cases occurred in December. Eighty-four, or 32.18%, of the cases were under 6 years, and 107, or 40.9%, were between 6 and 15. Regina had 33, Moose Jaw 11, Saskatoon 4, Weyburn 4, North Battleford 1, and Yorkton 1. Humboldt had 30 and Estevan 15 cases. Bracken had 27 cases and L.I.D. 17 and R.M. 18 had, together, 74 cases.

Mumps:

One hundred and forty-four cases occurred as compared with 132 in 1938.

Scarlet Fever:

This disease appears to be subsiding, as less than half the number of cases occurred in 1939 as compared with 1938, the figures being 1,479 in 1938 and 712 in 1939. Fortunately the deaths are comparatively few, there being only 12 in 1939. The greatest number of cases occurred in January and February (291). One hundred and forty-six of the cases were in Saskatoon. One hundred and forty-four, or 20.1%, were under 6 years of age and 345, or 40.8%, were between 6 and 15 years. 8,600,000 units of scarlet fever anti-toxin were sent out, and scarlet fever toxin for 24,149 persons was issued during the year.

Smallpox:

Thirty-one cases were reported in 1939 as compared with 47 in 1938. No deaths were reported. Twenty-four of the cases occurred in January. Moose Jaw and Yorkton were the only cities reporting smallpox, and only 1 case from each was reported. R.M. 215 reported 13 cases. Sufficient smallpox vaccine for 57,175 persons was sent out, the most since 1928.

Typhoid Fever:

Seventy-five cases were reported in 1939 and 74 in 1938. Ten deaths were reported in 1939. Some cases occurred in every month except February, but most cases occurred in September and October (34). Six cases were reported from Prince Albert and 1 from Regina. Six cases were reported from L.I.D. 559. Typhoid and paratyphoid vaccine for 5,416 persons was distributed.

Whooping Cough:

There were 1,257 cases of whooping cough in 1939 and 178 in 1938. There were 48 deaths. This makes whooping cough one of our most serious fatal communicable diseases. Most cases occurred in October, November and December, although cases occurred in fairly large numbers in every month except February, when only 12 were reported. Moose Jaw reported 164, North Battleford 75, Regina 508, Saskatoon 52, Swift Current 13, Weyburn 2 and Yorkton 22 cases. Two-thirds of the cases, therefore, occurred in cities. Five hundred and fifty-seven, or 44.9%, were under 6 years of age and 508, or 39.6%, were between 6 and 15 years. Pertussis vaccine (prepared from freshly isolated strains) sufficient for 3,980 persons was sent out.

Tuberculosis:

Four hundred and ninety-four new cases of tuberculosis were reported in 1939, as against 525 in 1938. Two hundred and thirty-three deaths occurred during the year, in comparison with 271 in 1938.

Anterior Poliomyelitis:

Only 16 cases were reported in 1939 as compared with 30 in 1938 and 512 in 1937. One death was reported. Yorkton reported 2 cases. There was 1 case in January, 1 in May, 3 in July, 1 in August, 7 in September, 1 in October and 2 in November. Seventy-two doses of poliomyelitis serum were sent out.

Influenza:

Two hundred and forty-two cases of influenza were reported with 199 deaths in 1939, in comparison with 14 cases and 154 deaths in 1938.

Undulant Fever:

Only 5 cases of undulant fever were reported in 1939 and 4 in 1938.

German Measles:

Thirty-seven cases were reported in 1939, and 59 in 1938.

Encephalomyelitis:

Only 2 cases were reported in 1939 in comparison with 15 cases in 1938.

During the year 1939, 5,486 cases of the different communicable diseases were reported as compared with 5,466 in 1938. November and December each accounted for 682 cases; then October 560, April 537 and January 532. August had the smallest number of cases—255.

Two thousand five hundred, or 45.5%, of the cases occurred in cities, although the cities have only 15.6% of our population. Of course reporting would be more accurate in the cities. Five hundred and thirty, or 9.6%, of the cases occurred in towns, which comprise 6.5% of the population. Four hundred and ninety-three, or 9%, of the cases occurred in villages, which comprise 7.8% of the population. One thousand, nine hundred and sixty-three, or 35.6%, of the cases occurred in rural municipalities, with 69.9% of the population.

In the calendar year 1939, \$28,994.78 was expended for various vaccines, toxoid, toxin, sera, etc., in comparison with \$19,838.36 in 1938. The extra expenditure was for diphtheria antitoxin, toxoid, smallpox vaccine, scarlet fever toxin and pertussis vaccine.

See special reports on trachoma and venereal diseases.

Respectfully submitted,

F. C. MIDDLETON, M.D., D.P.H.,
Director.

TABLE I—MORBIDITY AND MORTALITY. FLUCTUATION. POPULATION RATES, 1938-1939.

Disease	Cases		Deaths		Deaths per 100 cases reported		Rate per 100,000 Population			Mortality			
	1938	1939	1938	1939	1938	1939	Increase or Decrease	Morbidity		1938	1939	Increase or Decrease	
								1938	1939				Increase or Decrease
Chickenpox	1,667	1,517	5	36	3	177.15	Decrease	159.81	177.15	.5	3.8	Decrease	
Diphtheria	256	261	28	36	10.9	27.20	Increase	27.50	27.20	3.0	3.8	Increase	
Measles	412	261	19	6	4.6	43.78	Decrease	27.50	43.78	2.0	.6	Decrease	
Mumps	132	144	12	12	1.7	14.02	Increase	15.17	14.02	1.3	1.3	Increase	
Scarlet fever	1,479	716	12	12	.8	157.17	Increase	75.45	157.17	1.3	1.3	Increase	
Smallpox	47	31	2	2	4.2	4.99	Decrease	3.26	4.99	.2	1.1	Decrease	
Typhoid and paratyphoid fevers	74	75	8	10	10.8	7.86	Increase	7.90	7.86	.9	1.1	Increase	
Whooping cough	178	1,257	18	48	10.1	18.91	Decrease	132.45	18.91	1.9	5.1	Increase	
Infantile paralysis	30	16	7	1	23.3	3.18	Decrease	1.66	3.18	.7	.1	Decrease	
Trachoma	96	56	271	233	271	233	Increase in morbidity			28.8	24.6	Decrease	
Tuberculosis	525	494	3	3	3	3	Decrease in mortality			.3	.3	Decrease	
Cerebrospinal meningitis	23	29	6	4	6	4	Increase in morbidity			.6	.4	Decrease	
Erysipelas	44	35	429	380	429	380	Decrease in mortality			45.6	40.0	Decrease	
Pneumonia and broncho-pneumonia	8	2	11	6*	11	6*	Increase in morbidity			1.2	.6	Decrease	
Bacillary dysentery	7	2	5	7	5	7	Decrease in mortality			.5	.7	Increase	
Encephalitis lethargica	2	2	2	2	2	2	Population						
Epidemic encephalitis	5	5	5	6	5	6	Province	1938	1939				
Encephalitis	3	2	2	2	2	2	Cities	941,000	949,000				
Encephalomyelitis	59	37	37	37	37	37	Towns	147,573	148,828				
German measles	14	242	154	199	154	199	Villages	61,885	62,411				
Influenza	3	54	9	15	9	15	Rural districts	73,755	74,382				
Puerperal septicaemia	47	56	47	56	47	56	Moose Jaw	657,787	663,379	16.4	21.0	Increase	
Sore throat—epidemic	4	56	4	56	4	56	North Battleford	20,017	20,187	1.0	.8**	Increase	
Diphtheria carrier	148	121	148	121	148	121	Prince Albert	4,770	4,811				
Impetigo contagiosa	135	48	135	48	135	48	Regina	11,168	11,263				
Scabies	52	12	52	12	52	12	Saskatoon	53,927	54,385				
Conjunctivitis	1	2	1	2	1	2	Swift Current	42,183	42,542				
Vincent's angina	15	4	15	4	15	4	Weyburn	5,129	5,173				
Trench mouth	4	1	4	1	4	1	Yorkton	5,395	5,441				
Ringworm	4	5	4	5	4	5		4,984	5,026				
Undulant fever	1	1	1	1	1	1							
Leprosy	1	1	1	1	1	1							
Totals	5,466	5,486	987	967	987	967						.1	

*All types. **Rate per 1,000 live births.

TABLE II—MONTHLY DISTRIBUTION OF COMMUNICABLE DISEASE MORBIDITY, 1939.

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Chickenpox	200	107	174	144	71	50	101	36	83	150	233	168	1,517
Diphtheria	17	28	13	13	7	3	1	10	39	37	78	15	261
Measles	28	11	11	5	2	19	6	18	6	4	40	111	261
Mumps	13	2	11	19	5	...	1	1	1	11	8	72	144
Scarlet fever	160	131	88	79	44	27	11	27	23	28	47	51	716
Smallpox	24	3	2	...	...	2	...	...	...	...	...	...	31
Trachoma	1	25	...	...	10	11	4	1	1	...	3	...	56
Tuberculosis	8	26	61	48	41	35	27	67	44	41	27	69	494
Typhoid and paratyphoid fevers	2	...	3	5	1	3	7	7	18	16	6	7	75
Whooping cough	44	12	51	120	130	97	131	78	89	212	137	156	1,257
Cerebrospinal meningitis	...	...	...	1	1	1	...	2	...	...	...	...	5
Pneumonia	2	6	3	11	4	1	1	...	1	3	2	1	35
Erysipelas	4	1	4	6	3	1	...	...	...	7	2	1	29
Infantile paralysis	1	...	...	...	1	...	3	1	7	1	2	...	16
Encephalitis lethargica	...	...	1	...	1	...	...	...	...	...	...	...	2
Encephalitis only	...	...	...	...	5	...	...	...	...	...	...	...	5
Encephalitis epidemic	...	...	...	...	...	...	...	1	...	1	...	...	2
Encephalomyelitis	...	...	...	...	...	...	...	1	...	1	...	...	2
German measles	...	3	3	6	2	5	2	3	...	5	1	4	37
Influenza	...	2	93	72	67	8	...	...	...	...	...	...	242
Sore throat—epidemic	5	20	18	2	10	...	1	...	...	...	...	...	54
Diphtheria carrier	...	1	...	2	...	6	...	...	...	...	35	12	56
Undulant fever	...	...	...	...	...	1	...	...	...	...	2	2	5
Impetigo contagiosa	16	3	3	2	3	1	...	3	10	31	43	6	121
Scabies	7	5	3	3	...	1	...	...	11	4	10	7	48
Conjunctivitis	...	...	...	...	...	...	...	...	...	7	2	...	12
Vincent's angina	...	...	...	1	1	...	...	...	...	...	...	...	2
Trench mouth	...	...	...	...	...	...	...	...	...	1	...	...	1
Totals	532	386	542	537	408	273	296	255	334	560	682	682	5,486

TABLE III—SUMMARY OF DISTRIBUTION OF COMMUNICABLE DISEASES, 1939.

Disease	Moose Jaw	North Battle- ford	Prince Albert	Regina	Saska- toon	Swift Current	Wey- burn	York- ton	(Cities' totals)	Towns	Vil- lages	Rural Munici- palities	Totals
Chickenpox	109	54	14	509	254	4	44	2	990	81	129	317	1,517
Diphtheria	9	2	10	3*	3	.....	2	2	31	92	22	116	261
Measles	11	1	.....	33	4	.....	4	1	54	52	44	111	261
Mumps	2	.....	86	33	9	.....	.....	.....	130	2	8	4	144
Scarlet fever	25*	14	11	55	146	2	5	.....	258	79	77	302	716
Smallpox	1	.....	.....	.....	.....	.....	.....	1	2	.....	8	21	31
Trachoma	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	54	56
Tuberculosis	8	8	7	43	50	.....	2	6	124	50	40	280	494
Typhoid and paratyphoid	.....	.....	6	1	3*	.....	.....	.....	10	6	18	41	75
Whooping cough	164	75	.....	508	52	13	2	22	836	24	73	324	1,257
Cerebrospinal meningitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	5
Pneumonia	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	9	19	35
Erysipelas	.....	.....	1	2	.....	.....	1	.....	4	3	1	21	29
Infantile paralysis	.....	.....	.....	.....	.....	.....	.....	1	1	3	4	8	16
Encephalitis lethargica	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	9
Encephalomyelitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	2
German measles	11	.....	.....	5	11	.....	1	.....	28	2	2	5	37
Influenza	.....	.....	.....	.....	.....	.....	.....	.....	.....	74	17	151	242
Sore throat epidemic	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	31	22	54
Diphtheria carrier	.....	.....	1	7	1	.....	1	2	12	41	2	3	56
Undulant fever	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	2	5
Impetigo contagiosa	.....	14	1	.....	.....	.....	2	.....	15	1	.....	105	121
Scabies	.....	1	.....	.....	.....	.....	2	.....	3	4	4	37	48
Conjunctivitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	9	12
Vincent's angina	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
Ringworm	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trench mouth	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	340	169	137	1,199	534	19	64	38	(2,500)	530	493	1,963	5,486

*Non-residents—no specific address given.

TABLE IV—DIPHTHERIA INCIDENCE. DISTRIBUTION BY AGE AND SEX GROUPS. 1939.

Age groups	Cities		Towns		Villages		Rural Municipalities			Age-Sex group totals			Aggregate
	Male	Female	Male	Female	Male	Female	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year	7	2	1	1	2	4	1	5	...	1	1	...	2
1 year and under 6 years	5	3	2	2	5	3	17	8	...	28	11	...	39
6 years and under 10 years	1	1	2	1	1	2	7	7	...	18	18	...	36
10 years and under 15 years	...	1	1	3	2	1	3	5	...	11	11	...	22
15 years and under 20 years	3	6	13	26	7	1	7	9	...	6	10	...	16
20 years and over	...	2	24	17	...	1	20	11	6	44	31	6	81
Sex group totals	16	15	42	50	10	12	63	47	6	131	124	6	
Distribution totals	31		92		22		116			261			

TABLE V—SCARLET FEVER INCIDENCE. DISTRIBUTION BY AGE AND SEX GROUPS. 1939.

Age groups	Cities		Towns		Villages		Rural Municipalities			Age-Sex group totals			Aggregate
	Male	Female	Male	Female	Male	Female	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year	27	20	4	7	4	6	9	8	...	13	8	...	21
1 year and under 6 years	31	39	10	17	11	11	29	19	...	67	56	3	126
6 years and under 10 years	35	26	8	8	9	8	35	35	...	87	102	...	189
10 years and under 15 years	9	16	...	3	5	4	33	29	...	85	71	...	156
15 years and under 20 years	16	25	...	3	5	6	17	19	...	31	42	...	73
20 years and over	3	8	...	...	4	4	17	19	...	38	53	...	91
Age not stated	...	...	...	...	...	...	12	10	11	19	22	19	60
Sex group totals	121	134	29	42	38	39	152	139	11	340	354	22	
Distribution totals	258		79		77		302			716			

TABLE VIII—DETAILED DISTRIBUTION OF MORBIDITY, 1939.

CHICKENPOX—Total cases 1,517.

Cities—990. Moose Jaw 109, North Battleford 54, Prince Albert 14, Regina 509, Saskatoon 254, Swift Current 4, Weyburn 44, Yorkton 2.

Towns—81. Canora 8, Estevan 6, Fleming 3, Herbert 5, Humboldt 14, Leader 7, Lemberg 4, Melfort 2, Melville 24, Watrous 8.

Villages—129. Aberdeen 1, Bateman 22, Balcarres 4, Borden 6, Bracken 1, Cadillac 1, Gainsborough 2, Glaslyn 1, Griffin 2, Kelvington 9, Kipling 1, Lampman 4, Landis 2, Lucky Lake 1, Manitou Beach 5, Mervin 3, Montmartre 3, Norquay 6, Rockglen 1, Southey 1, Spring Valley 10, Tessier 20, Tramping Lake 2, Young 21.

Rural Municipalities—317. No. 1, 3; 4, 24; 34, 3; 38, 25; 49, 4; 66, 2; 67, 4; 76, 1; 101, 51; 104, 6; 110, 3; 121, 3; 129, 2; 162, 1; 165, 1; 186, 16; 187, 27; 217, 1; 227, 2; 228, 1; 247, 4; 253, 1; 254, 2; 276, 1; 280, 9; 281, 10; 306, 13; 310, 4; 312, 6; 316, 2; 333, 1; 335, 2; 338, 1; 379, 7; 382, 2; 403, 1; 405, 10; 411, 1; 423, 3; 426, 3; 427, 1; 439, 10; 457, 2; 460, 3; 486, 6; 523, 3; Indian Agencies: Lac la Ronge 16, File Hills 5, Qu'Appelle 8.

DIPHTHERIA—Total cases 261.

Cities—31. Moose Jaw 9, North Battleford 2, Prince Albert 10, Regina 3, Saskatoon 3, Weyburn 2, Yorkton 2.

Towns—92. Meadow Lake 4, Melfort 84, Nipawin 2, Rosthern 1, Whitewood 1.

Villages—22. Alvena 1, Blaine Lake 1, Colonsay 1, Cudworth 16, Hafford 1, Loon Lake 1, St. Walburg 1.

Rural Municipalities—116. No. 9, 2; 43, 2; 44, 8; 67, 7; 72, 2; 78, 1; 124, 1; 166, 3; 245, 2; 260, 1; 373, 3; 382, 1; 396, 4; 398, 4; 401, 1; 403, 1; 404, 3; 426, 5; 427, 1; 428, 2; 435, 3; 459, 3; 461, 1; 491, 3; 494, 3; 495, 1; 496, 1; 498, 1; 521, 2; 525, 1; 526, 1; 529, 1; 531, 3; 559, 1; 588, 1; 619, 3; 661, 5; 698, 24; 721, 2.

MEASLES—Total cases 261.

Cities—54. Moose Jaw 11, North Battleford 1, Regina 33, Saskatoon 4, Weyburn 4, Yorkton 1.

Towns—52. Carlyle 1, Eastend 1, Estevan 15, Herbert 2, Humboldt 30, Melville 2, Milestone 1.

Villages—44. Big River 1, Bracken 27, Dundurn 1, Forget 1, Lampman 8, Ponteix 4, Riverhurst 1, Togo 1.

Rural Municipalities—111. No. 4, 3; 5, 3; 9, 6; 17 and 18, 74; 34, 4; 67, 2; 121, 1; 217, 1; 229, 1; 252, 1; 276, 1; 312, 1; 366, 8; 399, 1; 427, 1; 435, 1; 486, 1; 519, 1.

MUMPS—Total cases 144.

Cities—130. Moose Jaw 2, Prince Albert 86, Regina 33, Saskatoon 9.

Towns—2. Leader 1, Shaunavon 1.

Villages—8. Prelate 7, Tessier 1.

Rural Municipalities—4. No. 231, 1; 288, 1; 290, 1; 499, 1.

SCARLET FEVER—Total cases 716.

Cities—258. Moose Jaw 25, North Battleford 14, Prince Albert 11, Regina 55, Saskatoon 146, Swift Current 2, Weyburn 5.

Towns—79. Battleford 3, Carlyle 4, Grenfell 1, Humboldt 4, Indian Head 3, Kindersley 3, Meadow Lake 3, Melfort 1, Melville 1, Moosomin 1, Nipawin 1, Nokomis 3, Radisson 5, Rosetown 3, Rosthern 9, Shaunavon 16, Star City 1, Vonda 1, Wapella 14, Whitewood 2.

Villages—77. Aberdeen 8, Arborfield 1, Aylesbury 4, Bladworth 1, Blaine Lake 1, Borden 1, Buchanan 1, Denzil 1, Dundurn 1, Duval 3, Elrose 2, Eyebrow 1, Ft. Qu'Appelle 1, Hague 3, Kelliher 1, Kipling 8, Landis 2, Loverna 1, Marcelin 1, Meacham 7, Montmartre 1, Naicam 3, Norquay 6, Penzance 3, Perdue 1, Ponteix 9, Spy Hill 1, St. Boswells 1, Tantallon 1, Wilcox 1, Woodrow 1.

Rural Municipalities—302. No. 1, 2; 4, 4; 7, 2; 9, 10; 34, 4; 38, 3; 39, 11; 49, 1; 63, 3; 67, 2; 71, 1; 72, 8; 76, 1; 77, 1; 91, 8; 94, 5; 100, 2; 101, 1; 124, 5; 129, 1; 131, 1; 153, 3; 154, 1; 155, 2; 165, 1; 168, 3; 169, 1; 187, 1; 214, 1; 216, 1; 218, 1; 219, 1; 221, 6; 222, 2; 224, 1; 229, 1; 279, 3; 280, 1; 281, 2; 312, 25; 321, 1; 333, 4; 341, 3; 342, 7; 343, 1; 349, 7; 368, 3; 373, 5; 378, 1;

381, 11; 382, 5; 398, 1; 401, 14; 403, 9; 405, 5; 408, 2; 410, 1; 411, 2; 423, 4; 426, 4; 427, 2; 428, 2; 434, 1; 437, 3; 456, 7; 457, 15; 464, 1; 466, 4; 467, 4; 469, 4; 486, 12; 487, 3; 491, 1; 498, 2; 499, 4; 501, 1; 519, 5; 523, 2; 526, 1; 528, 1; 559, 1; 561, 1. Indian Agencies: Duck Lake 2.

SMALLPOX—Total cases 31.

Cities—2. Moose Jaw 1, Yorkton 1.

Villages—8. Duff 2, Glenavon 1, Grayson 5.

Rural Municipalities—21. No. 67, 1; 215, 13; 216, 1; 224, 4; 244, 1; 276, 1.

TRACHOMA—Total cases 56.

Villages—2. Bateman 1, Holdfast 1.

Rural Municipalities—54. No. 231, 2; 377, 1; 404, 2; 405, 10; 411, 1; 516, 1. Indian Agencies: Duck Lake 12, File Hills 17, Qu'Appelle 8.

TUBERCULOSIS—Total cases 494.

Cities—124. Moose Jaw 8, North Battleford 8, Prince Albert 7, Regina 43, Saskatoon 50, Weyburn 2, Yorkton 6.

Towns—50. Assiniboia 2, Bredenbury 1, Canora 4, Carlyle 1, Duck Lake 1, Estevan 1, Fleming 1, Foam Lake 2, Gravelbourg 1, Hanley 1, Humboldt 2, Indian Head 1, Lanigan 1, Maple Creek 3, Meadow Lake 2, Melville 2, Moosomin 1, Morse 1, Oxbow 1, Radville 2, Rosetown 2, Rosthern 1, Sutherland 3, Tisdale 2, Unity 1, Wadena 1, Watrous 1, Wapella 1, White-wood 4, Wilkie 1, Wynyard 2.

Villages—40. Abbey 1, Bruno 1, Calder 1, Canwood 1, Conquest 1, Cut Knife 1, Fillmore 1, Gainsborough 1, Glen Ewen 1, Goldfields 1, Grayson 2, Hafford 1, Horizon 1, Imperial 1, Kelliher 1, Kisbey 1, Limerick 1, Loreburn 2, Montmartre 2, North Portal 1, Ponteix 1, Preeceville 1, Prelate 2, Regina Beach 1, Rhein 2, Sceptre 1, Scotsguard 1, Val Marie 1, Vanguard 1, Wakaw 3, Waldheim 1, Willow Bunch 2.

Rural Municipalities—280. No. 3, 4; 5, 1; 7, 1; 9, 2; 13, 1; 31, 1; 34, 2; 37, 1; 40, 2; 42, 2; 44, 2; 63, 1; 67, 1; 73, 2; 78, 1; 94, 2; 95, 1; 97, 1; 100, 1; 101, 1; 105, 2; 108, 1; 110, 4; 124, 2; 125, 2; 129, 1; 133, 1; 134, 1; 138, 1; 145, 1; 152, 1; 153, 2; 154, 1; 156, 1; 158, 1; 159, 2; 168, 1; 172, 1; 186, 1; 187, 7; 190, 1; 213, 1; 215, 3; 216, 4; 217, 1; 219, 1; 220, 1; 223, 1; 225, 1; 228, 4; 231, 1; 241, 2; 243, 1; 244, 3; 245, 2; 247, 2; 248, 1; 250, 1; 254, 2; 255, 8; 257, 1; 262, 1; 271, 1; 274, 1; 275, 2; 276, 4; 277, 1; 281, 1; 282, 4; 285, 1; 288, 1; 304, 1; 305, 1; 306, 4; 307, 1; 312, 1; 314, 1; 316, 2; 317, 1; 318, 1; 331, 4; 333, 2; 334, 2; 337, 2; 338, 1; 340, 3; 342, 2; 344, 1; 345, 1; 349, 1; 350, 1; 366, 1; 367, 1; 369, 1; 371, 2; 372, 1; 373, 2; 374, 1; 394, 1; 396, 1; 397, 1; 400, 1; 401, 1; 402, 1; 404, 5; 405, 2; 406, 1; 409, 1; 423, 1; 426, 1; 429, 1; 430, 1; 431, 2; 435, 3; 443, 2; 458, 3; 459, 2; 460, 4; 461, 2; 463, 4; 465, 1; 471, 3; 487, 3; 493, 1; 494, 7; 495, 1; 498, 2; 499, 2; 517, 1; 518, 3; 519, 1; 527, 1; 531, 1; 559, 4; 583, 3; 588, 3; 589, 1; 591, 1; Beauval 2, Buffalo Lake 1, Buffalo River 1, Cumberland House 2, Goldfields 4, Ile a la Crosse 3, Lac la Ronge 2, Cando 2, Carleton Agency and other Indian Reserves 19.

TYPHOID AND PARATYPHOID FEVERS—Total cases 75.

Cities—10. Prince Albert 6, Regina 1, Saskatoon 3 (non-residents).

Towns—6. Cabri 1, Leader 1, Mortlach 1, Nokomis 1, Shaunavon 2.

Villages—18. Eston 1, Kinistino 1, Leask 2, Lockwood 1, Naicam 1, Neville 1, Perdue 1, Punnichy 5, Semans 1, Togo 3, Young 1.

Rural Municipalities—41. No. 105, 1; 110, 1; 136, 1; 218, 1; 247, 3; 312, 2; 318, 1; 336, 3; 348, 1; 366, 1; 377, 1; 397, 1; 427, 1; 431, 2; 460, 1; 461, 2; 491, 1; 499, 7; 559, 6; Carleton Agency 2, Island Falls 2.

WHOOPING COUGH—Total cases 1,257.

Cities—836. Moose Jaw 164, North Battleford 75, Regina 508, Saskatoon 52, Swift Current 13, Weyburn 2, Yorkton 22.

Towns—24. Alameda 7, Battleford 4, Eastend 9, Kamsack 2, Melville 1, Unity 1.

Villages—73. Arran 1, Bienfait 1, Ceylon 4, Evesham 5, Hardy 3, Landis 3, Lebreton 2, Parkbeg 1, Perdue 8, Preeceville 4, Rocanville 3, Senlac 19, Sturgis 11, Viceroy 5, Young 3.

Rural Municipalities—324. No. 4, 36; 39, 5; 71, 3; 91, 29; 110 and 111, 38; 121, 2; 126, 20; 165, 1; 186, 3; 187, 12; 190, 4; 195, 5; 216, 2; 217, 3; 222, 3;

224, 3; 227, 13; 246, 2; 247, 12; 252, 8; 253, 1; 271, 1; 280, 6; 281, 2; 305, 12; 310, 10; 335, 11; 346, 4; 349, 5; 378, 2; 382, 7; 408, 6; 409, 7; 411, 4; 426, 7; 439, 2; 456, 10; 486, 21; 490, 1; 528, 1.

CEREBROSPINAL MENINGITIS—Total cases 5.

Towns—1. Tisdale 1.

Villages—1. Girvin 1.

Rural Municipalities—3. No. 135, 1; 254, 1; 411, 1.

PNEUMONIA—Total cases 35.

Towns—7. Craik 1, Davidson 1, Eastend 5.

Villages—9. Big River 1, Griffin 1, Kelvington 6, Preeceville 1.

Rural Municipalities—19. No. 49, 1; 66, 1; 110, 1; 111, 1; 134, 1; 168, 1; 214, 1; 222, 4; 349, 2; 366, 1; 374, 1; 486, 1; 526, 1; 555, 1; Island Falls 1.

ERYSIPELAS—Total cases 29.

Cities—4. Prince Albert 1, Regina 2, Weyburn 1.

Towns—3. Eastend 1, Grenfell 1, Melfort 1.

Villages—1. Lucky Lake 1.

Rural Municipalities—21. No. 4, 1; 67, 8; 110, 1; 335, 3; 349, 1; 374, 1; 376, 1; 403, 1; 434, 2; 437, 1; 521, 1.

INFANTILE PARALYSIS—Total cases 16.

Cities—1. Yorkton 1.

Towns—4. Davidson 3, Moosomin 1.

Villages—3. Kelvington 1, Maryfield 1, Plunkett 1.

Rural Municipalities—8. No. 244, 1; 245, 1; 282, 1; 366, 1; 379, 1; 486, 1; 589, 2.

ENCEPHALITIS LETHARGICA—Total cases 9.

Towns—1. Foam Lake 1.

Rural Municipalities—8. No. 37, 1; 186, 2; 216, 3; 243, 1; 487, 1.

ENCEPHALOMYELITIS—Total cases 2.

Towns—1. Cabri 1.

Rural Municipalities—1. No. 317, 1.

GERMAN MEASLES—Total cases 37.

Cities—28. Moose Jaw 11, Regina 5, Saskatoon 11, Weyburn 1.

Towns—2. Canora 1, Tisdale 1.

Villages—2. Dundurn 1, Hawarden 1.

Rural Municipalities—5. No. 121, 1; 227, 1; 439, 1; 460, 2.

INFLUENZA—Total cases 242.

Towns—74. Craik 8, Eastend 66.

Villages—17. Aylesbury 6, Buchanan 3, Consul 6, Dollard 2.

Rural Municipalities—151. No. 9, 30; 20, 1; 49, 17; 50, 21; 79, 4; 80, 14; 134, 18; 222, 13; 304, 4; 411, 2; 519, 27.

SORE THROAT—Total cases 54.

Towns—1. Melville 1.

Villages—31. Bateman 26, Spy Hill 5.

Rural Municipalities—22. No. 4, 1; 104, 5; 134, 3; 349, 3; 378, 4; 379, 6.

DIPHTHERIA CARRIER—Total cases 56.

Cities—12. Prince Albert 1, Regina 7, Saskatoon 1, Weyburn 1, Yorkton 2.

Towns—41. Melfort, 41.

Rural Municipalities—3. No. 459, 3.

UNDULANT FEVER—Total cases 5.

Cities—1. Saskatoon 1.

Villages—2. Buchanan 1, Mantario 1.

Rural Municipalities—2. No. 91, 1; 460, 1.

IMPETIGO CONTAGIOSA—Total cases 121.

Cities—15. North Battleford 14, Prince Albert 1.

Towns—1. Herbert 1.

Rural Municipalities—105. No. 9, 4; 38, 2; 80, 1; 110 and 111, 10; 168, 1; 280, 4; 281, 5; 304, 2; 305, 5; 306, 1; 310, 7; 335, 1; 382, 1; 401, 3; 405, 4; 411, 1; 423, 5; 456, 20; 460, 2; 467, 1; 517, 15; 519, 1; 523, 1; Lac la Ronge 8.

SCABIES—Total cases 48.

Cities—3. North Battleford 1, Weyburn 2.

Towns—4. Canora 4.

Villages—4. Blaine Lake 2, Hague 2.

Rural Municipalities—37. No. 1, 1; 76, 2; 110, 1; 276, 4; 305, 3; 349, 5; 404, 1; 405, 4; 460, 3; 519, 11.

CONJUNCTIVITIS—Total cases 12.

Towns—3. Eastend 3.

Rural Municipalities—9. No. 349, 5; 460, 4.

VINCENT'S ANGINA—Total cases 2.

Towns—1. Melville 1.

Villages—1. Canwood 1.

TRENCH MOUTH—Total cases 1.

Rural Municipalities—1. No. 110, 1.

DEPARTMENT OF PUBLIC HEALTH

TABLE IX—COMPARATIVE ISSUES AND COSTS OF VACCINES AND SERA. QUINQUENNIAL PERIOD.

Product	1935		1936		1937		1938		1939		Total	
	Amount	Cost	Amount	Cost	Amount	Cost	Amount	Cost	Amount	Cost	Amount	Cost
Diphtheria antitoxin	34,621,000	\$4,071.74	27,321,000	\$3,306.94	23,676,000	\$2,861.04	31,334,000	\$3,796.16	43,191,000	\$5,261.04	60,143,000	\$19,296.92
Diphtheria toxoid	27,673	3,535.26	22,616	2,904.75	29,754	3,770.15	25,615	3,261.45	49,297	7,050.83	154,955	20,322.44
Diphtheria Schick test	6,700	67.00	8,925	89.25	11,900	119.00	11,575	115.75	19,275	192.75	58,375	583.75
Smallpox vaccine	29,285	1,317.86	24,700	1,111.54	28,020	1,270.90	36,800	1,656.02	57,175	2,593.89	175,980	7,950.21
Typhoid vaccine	2,927	328.58	5,567	546.46	4,886	502.38	4,557	438.32	4,499	571.36	22,436	2,387.60
Typhoid-paratyphoid vac.	438	40.08	229	34.11	1,337	123.32	1,184	94.36	917	89.15	4,105	381.52
Anti-meningococcus serum	4,720	295.00	5,260	328.75	5,740	358.75	4,460	278.75	3,620	226.25	23,440	1,487.50
Tetanus antitoxin	1,394,500	428.35	2,394,500	718.35	2,922,000	883.31	2,010,500	603.15	1,634,000	423.84	10,355,500	3,057.00
Scarlet fever antitoxin	20,613	3,260.85	4,384	6.389.05	14,136,000	6,135.50	10,126,000	4,376.75	8,600,000	3,731.02	32,886,997	23,893.17
Scarlet fever toxin	8,464	1,859.24	16,645	3,574.64	29,545	6,228.80	19,806	4,180.72	24,149	5,073.68	98,609	20,197.08
Scarlet fever Dick test	4,350	108.75	8,920	223.00	15,100	377.50	12,780	319.50	16,375	496.90	57,325	1,525.65
Anti-anthrax serum	1,200	42.00	500	17.50	300	10.50	300	10.50	400	18.50	2,700	91.00
Pertussis vaccine	1,106	442.40	768	307.20	893	357.20	(10 cc) 492 (8 cc) 97	264.70	3,980	3,073.34	7,336	4,444.84
Anti-dysenteric serum .....	.....	.....	1,600	213.60	.....	.....	.....	.....	.....	.....	1,980	264.33
Infantile paralysis serum .....	.....	.....	.....	.....	863	1,953.00	.....	391.50	.....	156.75	1,124	2,531.25
Totals .....	.....	\$15,797.11	.....	\$19,765.14	.....	\$24,951.35	.....	\$19,839.36	.....	\$28,994.78	.....	\$108,014.26

TRACHOMA REPORT, 1939

There were 235 trachoma cases (126 male and 109 female) reported as being under treatment in 1939, as compared with 242 at the end of 1938, a decrease of 7 cases. These are non-Indian cases.

The number of families affected was 120 in 1939 and 124 in 1938.

Assistance and supervision was carried on in three areas—Warman-Hague, Wymark and Kayville. Regular routine inspections of the eyes of children in these districts were made by Public Health Nurses, and treatments given where necessary, and parents taught how to look after the eyes of the children. The assistance given by the teachers in these areas is much appreciated, in their effort to control the disease.

In 1939 there were under supervision by the department 213 cases, as compared with 214 in 1938.

New cases discovered by the department were 18, and 36 cases were arrested. There were 3 recurrences.

Private doctors reported 18 new cases in 1939, as compared with 28 cases in 1938.

Age and Sex of Cases.

	Male	Female	Total
Number of pre-school age cases (5 years and under).....	4	2	6
Number of school age cases (5 to 14 years).....	53	45	98
Number of cases 15 to 19 years	19	26	45
Number of cases over 20 years	49	36	85
Number of cases age not stated	1	.....	1
	126	109	235

Of these cases 2.5% were pre-school age; 41.7% of school age; 19.1% between 15 and 19, and 36.6% over 20 years of age.

In 76 cases only one in the family was affected. There were 23 families with 2 in each family; 15 families with 3 in each; 4 families with 4 in each; 6 families with 5 in each; 1 family with 6; 1 family with 7, and 1 family with 10 cases.

Geographical distribution of cases by rural municipalities:

R.M. 70, 32; 104, 1; 105, 5; 107, 5; 136, 24; 137, 20; 165, 1; 166, 2; 171, 2; 172, 1; 195, 1; 217, 1; 218, 1; 221, 1; 222, 3; 229, 4; 230, 4; 231, 7; 253, 4; 254, 1; 333, 2; 374, 43; 375, 8; 377, 3; 394, 7; 402, 5; 403, 6; 404, 15; 405, 10; 406, 1; 458, 2; 465, 1; 466, 3; 487, 2; 411, 1; 516, 1; 526, 1; 555, 1; 588, 4.

In array of number of cases in municipalities they were:

R.M. 374, 43; 70, 32; 136, 24; 137, 20; 404, 15; 405, 10; 375, 8; 231 and 394, 7 in each; 403, 6; 105 and 107, 5 in each; 229, 230, 253, 588, 4 in each; 223, 377, 466, 3 in each; 166, 171, 333, 458, 487, 2 in each; 165, 172, 195, 217, 218, 221, 254, 406, 411, 465, 516, 526 and 555, 1 in each.

Cases exist, therefore, in 37 municipalities.

INDIANS.

TABLE XI—TRACHOMA IN SASKATCHEWAN, 1939. (NON-INDIAN) BY AGE, SEX AND DISTRICT.

Age	Warman-Hague		Wymark		Kayville		Scattered		Reported by private doctors		Total		Grand total	Indians R.M. 459		Total Indians	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					
	2 years	1	1	...	1	...	2	...	1	1
3 years	2	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...
4 years	4	...	3	...	...	...	3	...	1	...	2	...	3	...	2	2
5-9 years	15	7	6	3	2	4	7	4	2	2	13	20	33	1	1	...	
10-14 years	7	4	4	8	10	5	6	6	2	2	40	25	65	...	...	...
15-19 years	2	8	4	7	3	3	4	6	1	2	19	26	45	...	...	...
20-24 years	2	3	5	3	...	...	1	4	2	...	10	10	20	1	2	3
25-29 years	2	2	1	1	...	...	4	1	1	...	8	4	12	...	...	...
30-39 years	2	7	5	...	2	1	10	3	1	...	20	12	32	...	...	...
40-49 years	2	2	...	1	...	1	4	4	...	...	6	7	13	...	...	...
50-59 years	1	...	1	...	1	2	2	2	1	1	3
60-69 years	1	...	...	...	1	...	2	...	1	...	5	1	6	...	...	...
Not stated	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...
Total	37	33	25	24	18	14	37	29	9	9	126	109	235	4	8	12	
Grand total	70		49		32		66		18		235		12				

Venereal Disease

The number of cases of venereal disease reported shows very little difference from 1938, the total number reported 1939, both syphilis and gonorrhœa being 1,239, as compared with 1,244 in 1938.

Syphilis cases reported in 1939 were 377, compared with 438 in 1938, a decrease of 61 cases.

The number of gonorrhœa cases reported in 1939 was 862, an increase of 56 cases over 1938.

The amount of anti-luetic drugs supplied to physicians for the treatment of indigent syphilitic patients shows an increase, 8,171 doses being supplied in 1939, as compared with 7,106 doses in 1938, an increase of 1,065 doses.

There was a decrease of 149 in the number of patients being treated at the venereal disease clinics during 1939, and also a decrease in the number of treatments given, 3,833 less treatments being given in 1939 than in 1938.

The average number of treatments per syphilis patient was 17.2, and an average of 22 treatments was given to each gonorrhœal patient.

There were 160 syphilis patients and 575 gonorrhœal patients discharged from our clinics as apparently cured, during 1939.

Syphilis Reported by Stages of the Disease

	1939	1938	1937	1936	1935
First stage	16.2%	17.3%	27.6%	37%	26 %
Second stage	34.5%	29.9%	40.2%	34%	38 %
Third stage (or latent).....	43 %	44.8%	26.4%	25%	27.6%
Congenital	6.3%	8 %	5.6%	4%	8.4%

Drugs Supplied to Physicians

Arsenicals (doses)	3,631
Bismuth or mercury (doses)	4,540

Wassermanns taken in Gaols

	Taken	Positive	Per Cent. Positive
Regina	976	13	1.3%
Prince Albert	640	15	2.2%
Battleford (women)	105	19	18 %

The following tables give the details of the work done by the division:

1. Venereal diseases reported.
2. Patients treated at clinics.
3. Treatments given in clinics.
4. Comparative statement—syphilis clinics.
5. Comparative statement—gonorrhœa clinics.

TABLE 1.—VENEREAL DISEASES REPORTED, 1939.

Syphilis and Gonorrhœa	Total cases 1939	1939		1938		1937		1936-1930	
		M.	F.	M.	F.	M.	F.	M.	F.
<i>Syphilis</i>									
Reported by clinics	229	153	76	175	102	235	145	1,277	770
Reported by physicians..	148	86	62	91	70	116	71	320	186
Total syphilis	377	239	138	266	172	351	216	1,597	956
<i>Gonorrhœa</i>									
Reported by clinics	756	591	165	585	125	625	181	4,353	1,668
Reported by physicians..	106	70	36	74	22	75	43	476	173
Total gonorrhœa	862	661	201	659	147	700	224	4,829	1,841
Total—male and female, syphilis and gonorrhœa	1,239	900	339	925	319	1,051	440	6,426	2,797
Total cases syphilis and gonorrhœa		1,239		1,244		1,491		9,223	

During a 10-year period, 3,935 cases of syphilis and 9,262 cases of gonorrhœa have been reported. Total number of cases reported for 1939 is only 5 less than reported in 1938.

TABLE 2.—PATIENTS TREATED AT CLINICS, 1939.

Syphilis and Gonorrhœa	Total cases 1939	1939		1938		1937		1936-1930	
		M.	F.	M.	F.	M.	F.	M.	F.
Syphilis	775	466	309	528	324	581	355	2,818	1,712
Gonorrhœa	1,230	873	357	924	378	970	438	5,645	2,876
Total male and female....	2,005	1,339	666	1,452	702	1,551	793	8,463	4,588
Total		2,005		2,154		2,344		13,051	

A decrease of 149 from 1938, or 7.4%.

TABLE 3.—TREATMENTS GIVEN IN CLINICS, 1939.

	1939	1938	1937	1936-1930
Syphilis	13,355	14,203	15,441	58,158
Gonorrhœa	27,057	30,042	39,519	234,755
Total	40,412	44,245	54,960	292,913

TABLE 4.-SYPHILIS. COMPARATIVE REPORT. SASKATCHEWAN CLINICS, 1939.

V. D. Clinics	PATIENTS						Treatments and consultations	Wassermanns		Dark fields		Discharged						Home Visits		
	Cases carried over from previous year		New cases admitted to clinics		Total patients attending clinics (Monthly average)			Pos.	Neg.	Pos.	Neg.	Apparently cured		Transferred		Defaulters			M.	F.
	M.	F.	M.	F.	M.	F.						M.	F.	M.	F.	M.	F.				M.	F.
Regina	88	71	58	28	41	35.5	1,496	226	842	2	2	47	19	21	9	2	1	1	66	
Saskatoon	122	96	26	20	47.5	66	1,933	132	433	3	3	71	2	5	2	2	1	1	88	
Moose Jaw	65	33	24	8	19.1	6.8	1,548	77	268	.....	.....	12	4	16	6	12	3	.....	33
Prince Albert	31	30	14	9	20	20	565	56	152	.....	.....	2	3	7	.....	.....	.....	.....	.....
Swift Current	.....	.....	4	2	.....	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Regina Gaol	1	.....	13	.....	2.3	.....	902	13	963	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Albert Gaol	6	.....	14	.....	4.8	.....	841	15	625	.....	.....	.....	.....	17	.....	.....	.....	.....	.....
Battleford Gaol	.....	3	.....	9	.....	2.5	.....	19	86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	313	233	153	76	134.7	130.8	7,315	538	3,369	2	5	132	28	66	17	14	4	12	1	187
Grand Total	546	229	265.5	13,355	3,907	7	160	83	18	13	187

Division of Sanitation

REGINA, June 24, 1940.

DR. R. O. DAVISON,
Deputy Minister of Public Health,
Regina, Sask.

SIR,—

The following report covers the work of the Division of Sanitation for the calendar year 1939.

WATERWORKS AND SEWERAGE

The continued operation of *The Municipal Improvements Assistance Act*, together with *The Civic Improvements Act*, furnished the means for many municipalities to improve and extend water and sewerage facilities. The value of the construction work involved exceeded that for the previous year by a quarter million dollars.

Municipal Waterworks.

The total value of certificates issued for the extension and construction of waterworks systems was \$559,572.00 and represented 24 applications. However, two projects were abandoned and others were altered, so that the actual value of work undertaken amounted to \$478,072.00.

Authorization was given for the construction of 3 entirely new systems, but work thereon was deferred until the following year.

Semi-Urban and Rural Water Supplies.

An opinion was given on a total of 2,050 water samples which were submitted to the department for analysis.

The division has continued to advocate the use of dugout water for domestic supplies in those localities where sub-surface water cannot be obtained or is highly mineralized. Plans have been prepared showing how surface water of this nature may be adequately filtered and rendered safe for human consumption. Examinations of bacteriological samples obtained from these so-called dugout wells have shown that they are, on the average, more satisfactory than supplies from many of the ordinary wells.

Sewerage and Sewage Disposal.

Twenty certificates were issued for the extension or construction of sewage disposal plants and sewerage systems, representing a total value of \$135,481.00. One of the projects, however, was abandoned and the actual value of work undertaken amounted to \$116,531.00.

URBAN AND RURAL SANITATION

The total number of inspections made during the year was 15,625.

Milk Supplies.

There are now 277 towns, villages and rural municipalities in the province which have passed bylaws for the licensing of milk vendors and the compulsory testing of dairy cattle for tuberculosis. Of this number 118 bylaws provide for the testing of cows for infectious bovine abortion in addition to the tuberculin testing.

Only 7 municipalities in the province have made provision for compulsory pasteurization of milk sold within the municipality, and in two instances no attempt is made to enforce the bylaw.

During the year 1,541 inspections of milk supplies were made.

Food Supplies.

Two thousand, one hundred and thirty-seven butcher shops, slaughter houses and bakeries, where food is stored, processed or sold to the public, were inspected during the year 1939.

Hotels, Boarding Houses and Restaurants.

Three thousand, four hundred and twenty-seven inspections were carried out under this heading during the year. This included the inspection of 497 hotels and they were classified as follows:

A—Very good; B—Good; C—Fair; D—Poor.

Summer Resorts and Tourist Camps.

Fifty-six inspections of summer resorts and forty-seven of tourist camps were made during the year.

Lumber, Mine and Construction Camps.

Sixty-five camp inspections were made during the year. This includes lumber camps in the northern part of the province and the coal mines in the Estevan area. A number of road construction camps were also inspected.

GENERAL

Plumbing.

A total of 27 plumbing permits were issued during the year and sixty-three plumbing inspections were made by the sanitary officers.

Communicable Diseases.

The number of inspections made in connection with communicable disease was 43.

Vital Statistics.

Inspections and investigations in connection with vital statistics records totalled 178.

Ice Permits.

One hundred and fourteen permits regarding the sanitary quality of ice harvested by individuals and companies were issued during the winter months.

Cemetery Sites.

Fourteen new cemeteries were established during the year following the submission of satisfactory information regarding the topography and environment of the areas. The sites approved are located at Choiceland, Dunfield, Foxdale, Four Corners, Lisieux, Lebret, Matchee, Main Centre, Milestone, Orley, Pierceland, Rockford, Sokol and Veregin.

Slaughter Houses.

Licenses issued to butchers	198
Licenses issued to beef rings	112
Total	310

The increase in slaughter house licences over the previous year amounted to 18 and for beef rings 5, making a total increase of 23.

Council and Public Meetings.

The district sanitary officers addressed a total of 37 meetings of municipal councils and other public bodies during the year.

SUMMARY OF INSPECTIONS.

The total number of inspections and the percentage of the total, as carried out by the district sanitary officers during the year is given in the table below:

	No. of inspections	% of totals
Inspections to determine the sanitary environment of towns, villages and hamlets	1,788	11.4
Water, milk and food supplies	6,399	40.8
Hotels, boarding houses, restaurants and licensed premises	3,427	22.2
Disposal of wastes	1,154	7.4
Investigation of communicable disease and vital statistics records	221	1.4
Hospitals, schools, institutions (water supply and drainage) and plumbing inspections	243	1.5
Summer resorts and tourist camps	103	0.7
Barber shops	469	3.0
Camps—lumber, mining and boy scout	65	0.4
Public and council meetings	37	0.2
Miscellaneous inspections:		
Fox ranches	63	11.0
Other inspections	1,656	
Totals	15,625	100.0%

HOSPITAL INSPECTIONS

Seven inspections were made in connection with sites for proposed hospitals, additions to hospitals, newly established hospitals, etc. In addition 21 routine inspections in connection with plumbing and drainage were made by the district sanitary officers.

CORRESPONDENCE

During the year 3,283 letters were received and 4,960 were dispatched, exclusive of circular letters and correspondence to and from the district sanitary officers.

APPENDICES

Attached are four tables in connection with this report: Number 1 is in connection with waterworks; number 2, sewerage and sewage disposal; number 3, sanitary environment scores awarded urban municipalities; and number 4, inspections made by district sanitary officers.

Respectfully submitted,

J. G. SCHAEFFER, B.Sc.,
Sanitary Engineer.

TABLE NO. 1.—WATERWORKS

Date 1939	Municipality	Work authorized	Amount
Jan. 4	Moose Jaw.....	Replacing of a portion of the Caron pipe line	\$200,000.00
Feb. 8	Saskatoon	Extension to waterworks system	3,015.00
Mar. 3	Kamsack	Extension of, and improvements to waterworks system	10,000.00
Mar. 31	Lloydminster..	Installation of waterworks system	31,000.00
June 10	Arcola	Water gallery and supply line	11,500.00
June 26	Kindersley.....	Replacement of distribution system	31,000.00
July 15	Swift Current	Replacement of water mains	40,875.00
July 29	Regina	Extension to waterworks system	675.00
July 29	Melville	Extension to infiltration gallery	6,800.00
Aug. 8	Assiniboia	Extension to waterworks system	2,430.00
Aug. 9	Regina	Watermain to airport	11,200.00
Aug. 21	Estevan	Additions to water treatment plant	11,000.00
Sept. 1	Indian Head...	Extension to waterworks system	1,837.00
Sept. 5	Regina	Extension to waterworks system	950.00
Oct. 3	Rouleau	Replacement of watermains	2,450.00
Oct. 19	Regina	Extension to waterworks system	1,390.00
Oct. 19	Melville	Extension to water gallery.....	2,000.00
Oct. 25	Rosetown	Installation of waterworks system	65,000.00
Oct. 6	Regina	Extension to waterworks system	2,200.00
Nov. 6	Humboldt	Development of new water supply	40,000.00
Nov. 20	Maple Creek ..	Replacement of pipe lines	2,500.00
Nov. 27	Assiniboia	Extension to waterworks system	250.00
Total			\$478,072.00

TABLE NO. 2.—SEWERAGE

Date 1939	Municipality	Work authorized	Amount
Feb. 3	N'th Battleford	Extension to sewerage system	\$ 4,000.00
Feb. 8	Saskatoon	Extension to sewerage system	1,885.00
Feb. 9	N'th Battleford	Extension to storm sewer system	11,890.00
Mar. 31	Lloydminster..	Trunk sewer and sewage disposal plant	34,000.00
June 19	Regina	Storm sewer	575.00
July 15	Swift Current	Storm sewer	7,700.00
July 29	Regina	Extension to sewerage system	750.00
July 29	Regina	Improvements to sewage disposal plant	4,400.00
July 29	Melville	Storm sewer extension	13,000.00
Aug. 3	Regina	Extension to sewerage system	776.00
Aug. 9	Regina	Sewer main to airport	11,200.00
Aug. 17	Yorkton	Extension to sewerage system	1,280.00
Aug. 17	Yorkton	Extension to storm sewer system	3,830.00
Aug. 21	Regina	Improvements to sewage disposal plant	5,500.00
Aug. 22	Melville	Improvements to sewage disposal plant	2,400.00
Sept. 18	Regina	Extension to sanitary sewer system	400.00
Nov. 14	Maple Creek ..	Extension to sanitary sewer system	1,000.00
Nov. 27	N'th Battleford	Extension to storm sewer system	11,945.00
Total			\$116,531.00

TABLE NO 3.—SCORES AWARDED URBAN MUNICIPALITIES

District No. 1		Name	Score	Name	Score	Name	Score
<i>Towns</i>		Mortlach	76	Arcola	79	Melville	91
Name	Score	Milestone	75	Wapella	79	Kamsack	88
Shaunavon	91	Balgonie	71	Oxbow	79	Bredenbury	79
Herbert	90	Ogema	66	Carlyle	74	Foam Lake	79
Maple Creek	90	<i>Villages</i>		Wolseley	74	Lemberg	79
Gull Lake	89	Regina Beach	91	Grenfell	73	Wadena	64
Gravelbourg	88	Avonlea	85	Whitewood	70	<i>Villages</i>	
Cabri	86	Viceroy	84	Radville	70	B-Say-Tah	94
Leader	85	North Regina	80	Moosomin	67	Wishart	85
Morse	85	Riverhurst	80	Alameda	66	Dysart	83
Eastend	82	Central Butte	79	Sintaluta	65	Duff	78
<i>Villages</i>		Coderre	78	Fleming	64	Balcarres	77
Ernfold	90	Disley	78	Yellow Grass	59	Springside	77
Bateman	87	Keeler	78	Francis	56	Abernethy	75
Dollard	87	Tuxford	77	<i>Villages</i>		Killaly	74
Chaplin	86	Marquis	76	Glenavon	87	Langenburg	74
Lancer	86	Mazenod	75	Kipling	87	Pelly	74
Neville	86	Pense	75	Creelman	85	Rhein	74
Aneroid	85	Limerick	74	Bienfait	84	Lebret	73
Hodgeville	85	Briercrest	73	Carievale	82	Esterhazy	71
Prelate	85	Findlater	73	Benson	81	Theodore	71
Robsart	85	Ceylon	72	Welwyn	81	Kelliher	70
Tompkins	85	Craven	72	Windthorst	80	Calder	68
LaFleche	84	Edenwold	72	Goodwater	77	Ft. Qu'Appelle	68
Val Marie	84	Verwood	72	North Portal	77	Norquay	68
Admiral	83	Fife Lake	71	Rocanville	77	Sturgis	68
Consul	83	Palmer	71	Colgate	72	Kelvington	67
Kincaid	83	Bridgeford	69	Vibank	72	Hyas	66
Vanguard	83	Ettington	69	Forget	70	Preeceville	66
Frontier	83	Mossbank	69	Heward	70	Wroxton	66
Orkney	83	Readlyn	69	Antler	69	Atwater	65
Success	82	Rockglen	69	Maryfield	69	Hubbard	65
Webb	81	Ardill	68	Kisbey	67	Lipton	65
Bracken	80	Bengough	68	Alida	66	Stenen	65
Instow	80	Willows	68	Kennedy	66	Togo	65
Mendham	80	Bethune	67	Manor	66	Arran	64
Cadillac	79	Parkbeg	67	Torquay	66	Bangor	64
Climax	79	Wood Mountain	67	Wawota	66	Goodeve	64
Meyronne	79	Khediye	66	Macoun	65	Grayson	64
Rush Lake	79	Belle Plaine	65	Fairlight	64	Invermay	64
Scotsguard	79	Darmody	65	Glen Ewen	63	Otthon	64
Shackleton	79	Spring Valley	65	McTaggart	63	Spy Hill	64
Woodrow	79	Truax	65	Bromhead	62	Buchanan	63
Abbey	78	Vantage	65	Frobisher	62	Dubuc	63
Burstall	78	Brownlee	64	Griffin	62	Lestock	63
Portreeve	78	Coronach	64	Osage	61	Lintlaw	63
Vidora	78	Horizon	64	Halbrite	60	MacNutt	63
Waldeck	78	Lawson	64	Lang	59	Neudorf	63
Pennant	77	Willow Bunch	63	Summerberry	59	Rama	63
Piapot	77	Tugaske	61	Lampman	57	Tantallon	63
Sceptre	77	Pangman	60	Montmartre	57	Fenwood	62
Carmichael	76	Wilcox	60	Fillmore	56	Stockholm	62
Fox Valley	76	Mawer	59	Gainsborough	56	Insinger	61
Ponteix	76	Drinkwater	57	Odessa	55	Leross	61
Shamrock	76	Hardy	57	Roche Percee	54	Waldron	61
St. Boswells	76	Eye Brow	56	Tribune	54	Jasmin	60
Hazenmore	75	Amulet	55	Wauchope	50	Churchbridge	59
Lemsford	74	Forward	43	Redvers	48	Ituna	59
<i>District No. 2</i>		<i>District No. 3</i>		<i>District No. 4</i>		<i>District No. 4</i>	
<i>Towns</i>		<i>Towns</i>		<i>Towns</i>		<i>Towns</i>	
Assiniboia	88	Estevan	96	Canora	95	Willowbrook	58
Lumsden	86	Carnduff	87	Saltcoats	94	Sheho	56
Rouleau	80	Broadview	86			Elfros	54
Caron	79	Indian Head	81			Margo	50
Qu'Appelle	78						

TABLE NO. 3.—SCORES AWARDED URBAN MUNICIPALITIES—Continued.

District No. 5		Name	Score	Name	Score	Name	Score
<i>Towns</i>		Drake	76	Laney	65	Dalmeny	53
Name	Score	Venn	76	Loverna	65	Vawn	51
Wynyard	96	Markinch	75	Macrorie	65	Adanac	50
Davidson	95	Lake Lenore	74	Mantario	64	Denholm	50
Sutherland	95	Chamberlain	73	Sovereign	64	Cavell	48
Nokomis	94	Girvin	73	Hughton	63	Fielding	48
Humboldt	91	Jansen	73	Laura	63		
Outlook	91	Southey	73	Ruthilda	63	<i>East Section</i>	
Lanigan	90	Bradwell	72	Stranraer	63	<i>Town</i>	
Watson	90	Holdfast	70	Tramping		Meadow Lake	74
Vonda	88	Penzance	68	Lake	62		
Watrous	88	Guernsey	67	Springwater	60	<i>Villages</i>	
Hanley	87	Englefeld	66	Ardath	59	Blaine Lake	85
Craik	86	Muenster	66	Kelfield	58	Medstead	82
Govan	86	Kenaston	63	Marengo	58	Speers	82
Strasbourg	82	Leroy	63	Kyle	56	Marcelin	80
		St. Gregor	61	Madison	56	Rabbit Lake	77
				Bounty	55	Richard	71
				Swanson	54	Glaslyn	71
				Netherhill	48	Hafford	65
						Spiritwood	64
						Krydor	62
<i>Villages</i>		District No. 6		District No. 7		District No. 8	
Colonsay	93	<i>Towns</i>		<i>West Section</i>		<i>Towns</i>	
Punnichy	93	Rosetown	89	<i>Towns</i>		<i>Towns</i>	
Viscount	92	Kindersley	85	Wilkie	93	Tisdale	94
Imperial	90	Biggar	83	Macklin	85	Melfort	93
Raymore	89	Delisle	83	Lloydminster	81	Nipawin	91
Simpson	89	Eston	81	Scott	81	Rosthern	84
Spalding	89	Kerrobot	81	Langham	80	Star City	81
Manitou		Zealandia	75	Unity	78	Duck Lake	80
Beach	89	Alsask	71	Battleford	77		
Elbow	88	Asquith	66	Radisson	68	<i>Villages</i>	
Elstow	88					Naicam	92
Quill Lake	88	<i>Villages</i>		<i>Villages</i>		Parkside	89
Semans	88	Lucky Lake	84	Maidstone	84	Hudson Bay	
Bladworth	87	Dinsmore	83	Turtleford	83	Junction	88
Bruno	87	Perdue	80	Edam	81	Shellbrook	87
Dundurn	87	Herschel	80	Lashburn	77	Birch Hills	87
Allan	86	Beechy	78	Borden	74	Canwood	86
Aylesbury	86	Eatonia	77	Rockhaven	73	Codette	85
Loreburn	85	Elrose	76	Waseca	72	Kinistino	85
Plunkett	85	Plenty	75	Senlac	69	Leask	84
Prud'homme	85	Glidden	73	St. Walburg	69	Weldon	82
Quinton	85	Harris	73	Ruddell	68	Hague	81
Silton	85	Luseland	73	Landis	66	Ridgedale	81
Aberdeen	83	Dodslan	72	Marsden	66	Valparaiso	80
Cupar	83	Kinley	72	Meota	64	Big River	79
Earl Grey	83	Conquest	71	Mervin	64	Arborfield	78
Young	83	Dunblane	71	Spruce Lake	63	Domremy	77
Dafoe	82	Flaxcombe	71	Salvador	62	Hepburn	77
Kandahar	82	Major	71	Denzil	60	Beatty	74
Liberty	82	Tessier	71	Evesham	60	Waldheim	74
Lockwood	82	Handel	70	Leipzig	60	Debden	73
Meacham	82	Plato	70	Maymont	57	Laird	73
Strongfield	81	Vanscoy	70	Primate	57	Wakaw	73
Duval	80	McGee	69	Marshall	56	Cudworth	71
Hawarden	80	Richlea	69	Paynton	56	St. Brieux	66
Bulyea	79	Wiseton	69	Revenue	55	Alvena	65
Zelma	79	Birsay	68	Delmas	54	Meath Park	60
Dilke	78	Milden	68	Cut Knife	53		
Glenside	78	Brock	67				
Tate	78	Druid	67				
Saskatchewan		Smiley	67				
Beach	78						
Broderick	77						

TABLE NO. 4.—INSPECTIONS BY DISTRICT SANITARY OFFICERS FOR CALENDAR YEAR 1939.

District	Towns	Villages	Hamlets	Water Supplies	Milk Supplies	Food Supplies	Schools and Institutions	Tourist Camps	Summer Resorts	Hotels	Boarding Houses	Restaurants	Licensed Premises	Hospitals	Plumbing Inspectors	Camps—Lumber, Mining, etc.	Waste Disposal Grounds	Communicable Disease	Vital Statistics	Barber Shops	Public and Council Meetings	Miscellaneous	Total Inspections	Municipal Officials Interviewed	Total Inspection Hours
1	51	115	105	397	157	342	130	1	8	112	12	227	77	3	22	12	96	11	109	51	1	125	2,164	349	774
2	28	134	126	515	261	274	9	12	7	114	23	170	87	·	4	13	206	·	·	97	1	86	2,167	438	616¾
3	80	189	90	469	471	567	7	14	3	204	21	384	187	1	8	·	352	1	7	170	3	194	3,422	708	722½
4	22	140	79	428	213	211	5	4	11	160	4	193	142	·	1	10	95	13	·	51	2	18	1,802	332	436.45
5	58	124	6	150	140	272	3	2	2	133	1	99	105	8	15	·	99	7	·	18	16	14	1,272	397	434
6	14	49	30	110	76	85	1	1	1	42	2	54	38	·	3	2	70	1	15	·	1	104	699	75	146½
7	27	76	68	309	89	146	·	5	16	92	2	119	57	·	1	5	105	1	35	19	4	309	1,485	184	323¾
8	25	69	83	343	134	240	4	8	8	149	51	252	114	9	9	23	131	9	12	63	9	869	2,614	379	609
	305	896	587	2,721	1,541	2,137	159	47	56	1,006	116	1,498	807	21	63	65	1,154	43	178	469	37	1,719	15,625	2,862	4,060

District No. 7 was divided into two sections and worked by the sanitary officers of Districts No. 6 and No. 8.

Provincial Laboratory

REGINA, September 23, 1940.

DR. R. O. DAVISON,
Deputy Minister of Public Health,
Regina, Sask.

SIR,—

I beg to submit the following report of examinations made in the Provincial Laboratory during the year 1939:

Wassermann tests	30,052	First aid	382
Throat swabs	1,962	Blood counts	442
Sputa	346	Waters (bacteriological)	1,942
Widal tests	516	Waters (chemical)	2,195
Agglutination tests for bacillus abortus	537	Police exhibits	183
Urinalyses	3,360	Autopsies	21
Examinations for gonorrhœa ..	7,608	Miscellaneous (chemical)	506
Operation specimens	1,799	Total	53,581
Miscellaneous	1,730		

It will be noted from this table that there has been a marked increase in the number of Wassermann tests during the year. This may be accounted for by the fact that, in addition to a larger number of routine tests being made by physicians, several of the smaller hospitals of the province, which had not previously made a practice of taking routine Wassermann tests, have asked to be allowed to send routine specimens from all patients. The average percentage of positive reactions over a period of twelve months is 4.7. The large number of routine tests reduces the percentage of positive reactions.

A marked increase in the number of throat swabs for diphtheria is shown—the number being four times as high as in the previous year. Various outbreaks of diphtheria in the province account for this increase in the number of examinations which were made, and also for the high number of positive reactions, which showed an average of 23 per cent.

There having been no other epidemics which have any direct bearing on the work of the laboratory, other examinations remain approximately at the same level, or a slightly higher level, than the previous year.

Miscellaneous examinations include examinations which are not grouped under any other heading, and include spinal fluids and other body fluids, animal inoculations, cultures which are not otherwise grouped, examinations of water, milk, urine and faeces for typhoid, and various other types of examination.

In all, the total number of examinations made during this year has reached the highest point in the history of the laboratory, and the point has been reached where there can be no further expansion until adequate working space has been provided. The complete readjustment of the working space of the laboratories is an urgent need which will have to be dealt with in the immediate future, as the efficiency of the laboratory staff is greatly impaired by improper working conditions. Although the work of the laboratory has increased by twenty times since its establishment, the working space is still the same.

There was fortunately little call for poliomyelitis serum during the year, and it was not necessary to make an appeal for donors of blood for the preparation of serum.

Twenty thousand cultures were made up during the year, and two thousand water bottles were sterilized and packed. Two thousand, six hundred and seventy-two letters were received, and seventeen thousand, eight hundred and twenty-one letters were mailed. One thousand, six hundred parcels of supplies were mailed out to physicians and hospitals, and twenty-two thousand parcels were received by mail.

Respectfully submitted,

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

Public Health Nursing

REGINA, August 21, 1940.

DR. R. O. DAVISON,
Deputy Minister of Public Health,
Regina, Sask.

SIR,—

I beg to submit herewith the report of the Division of Public Health Nursing of the Department of Public Health for the year ended December 31, 1939.

There has been no change in the general organization of the work of this division since the date of the last report. The number of nurses employed and the boundaries of districts have remained the same. Headquarters have been maintained at Estevan, Assiniboia, Wolseley, Maple Creek, Shaunavon, Yorkton, Watrous, Rosetown, Saskatoon, Melfort, North Battleford and Cumberland House. In each case the location chosen was central in the district in order to provide as economically as possible, with reference to time and expense, for the nurse to reach any section in which her services might be required. There is indication of a need for some provision for bedside care service in homes in rural outpost areas. Such organization if undertaken would necessitate a reduction in the size of the present districts.

Public health nursing services, financed locally but supervised through this division, were maintained during the year at Prince Albert, North Battleford and Yorkton. School nurses at Melville and Weyburn were given assistance as requested, particularly with reference to supplies.

Supervision visits were made to all public health nurses. A staff conference was held in Regina in early November. This close contact between the office and the district nurses has added considerably to the effectiveness of the service.

Several staff changes occurred in the latter part of the year, a fact which caused some interruption in the work.

A summary of the work accomplished during 1939 is attached to and forms a part of this report.

SCHOOL HEALTH WORK

School Inspection.—A total of 512 schools was visited with 17,031 children given a complete health inspection. Others were visited for a check-up on vision or on the need for dental care.

The health inspection, carried out by the public health nurse, must be clearly distinguished from the medical examination which includes the heart and lungs and which can be done only by a medical doctor. Since many of the latest municipal doctor contracts include the examination of school children in the list of services, arrangements were made in some areas to have the nurse assist the doctor with this work as well as with the examination of pre-school age children. The important follow-up work through home visits was done by the nurse. The plan appeared to work satisfactorily and to the advantage of all concerned. It will be further developed in the coming months.

The number of rural schools visited was greatly in excess of the number of town and village schools, as rural travel began early and continued late in the season. Since many rural children are far distant from medical service it is felt that they should have the greater amount of attention from the nurse. We, therefore, welcomed the long driving season in which they might be reached. The number of special requests from school boards for the services of our nurses, has continued to increase until we have had difficulty in complying with them. Expansion of staff would appear to be the only solution to the problem. More nurses would mean smaller districts and more frequent and regular visits. This closer contact with teachers and parents would undoubtedly improve the quality of community co-operation as well as develop parental responsibility for health development. Much

emphasis is being placed on the importance of the care of the child during war time. The public health nurse has invaluable service to give at this time but for the maximum effect the number should be increased.

Tangible results of our work may be seen in the reports of corrected physical defects which were sent in by teachers whose schools have been visited. These reports were in response to a direct request for the information and were forwarded at the close of the year. Of the forms sent out for the purpose of the report, 77.2 per cent. were returned. Deleting the figures for immunization and for improved rate of gain in growth (height and weight), the reports gave a total of 5,090 corrections. Added to this were 128 defective vision cases for whom treatment was arranged by the nurses and 5,422 dental corrections carried out in dental clinics and not included in teachers' reports. A careful check was made to assure the fact that no duplication occurred in these figures. The total number of corrections, therefore, amounted to 10,640.

Emphasis on health education as the basis of school health work was continued as in previous years. The Department of Education has been working for some time on a new curriculum. Health is one of the few named as compulsory subjects. It is to be combined with other related topics and given added prominence throughout the grades. This fact is most satisfying to health workers. Every possible assistance has been given by this division to the committee in charge of the work.

Dental Clinics.—Early in the year arrangements for dental care for children in relief areas were continued through the plan in effect since 1933, which has provided for co-operation between the Canadian Dental Hygiene Council, the Saskatchewan Dental Association and this department. Happily harvest returns were greater than in previous years to the extent that, in the autumn months, in certain parts of the province, we were able to relax our efforts to some degree since the parents were able in many cases to assume responsibility for the needed attention to their own children. Our figures, therefore, were slightly lower than for 1938, not because we were less willing to do the work, but because the need had diminished. The following indicates the extent of this activity:

Number of clinics held (schools)	317
Number of children treated	6,700
Number of dentists who assisted	50
Amount contributed by districts	\$2,253.90
Amount contributed by department	\$5,414.64
Total amount paid to dentists	\$7,668.54

Of this number 31 clinics were financed locally but organized by our nurses. The town of Canora deserves special mention in this regard. For several years the town council has co-operated with the public health nurse to the fullest extent and has provided financially through the annual dental clinic for all children of indigent parents. Too much cannot be said in praise of this effort.

A special three-year research project in dental work for high school pupils was begun in the month of April. It provides for work for teen-age boys and girls for three years at an amount so nominal as to constitute only a registration fee. The relation between dental health, school progress and general development will be indicated in the results of the study. Financial assistance has been arranged through the Canadian Dental Hygiene Council.

We are again deeply indebted to the dentists of this province whose willing assistance has made possible the reported service to needy children.

Defective Vision.—Special attention to children suffering from defective vision has been continued through the co-operation of the Canadian National Institute for the Blind. This service has been available for any child living within the boundaries of the relief area. Our nurses reported 187 cases. Concerning this number the following report was received at the end of the year:

Glasses provided	128
Refused	6
Examination only	5
No reply received to letters	42
Insufficient information available	6

Home Nursing Instruction.—One thousand, nine hundred and thirty-seven senior girls in 94 public schools were given classes and demonstrations

in simple home nursing and first aid work. The demand for this service increased enormously following the outbreak of war in September, 1939. Adults, both men and women, as well as school pupils have shown a keen desire for instruction, particularly in first aid procedures. We have been pleased to arrange for classes as requested. We have assisted with the St. John Ambulance Association classes, the Homecraft Classes of the Division of Women's Work of the University of Saskatchewan, and with local groups desiring similar work.

PRE-SCHOOL WORK

Health Centres.—The value of the health centre as a means of supervising the health of infants and pre-school children has been demonstrated and the popularity of such centres has continued. Nurses conducted 101 centres with an attendance of 1,587 children. In many cases an annual medical examination day has become one of the activities of the centre, the local or nearest doctor giving his services without charge. In several of the centres, particularly those which have been continued for a number of years, excellent educational work has been done in the community and many needy mothers and children have been assisted. The nurses are indebted to members of Homemakers Clubs, Imperial Order Daughters of the Empire, and Red Cross Societies who have sponsored the centres and assisted with them.

Health Literature.—As in former years, material on child health has been given wide distribution through public health nurses, doctors, hospitals and local organizations. We now have excellent books on pre-natal care, infant care, the pre-school child, the public school child and, new this year, the high school age. A total of 11,990 books, 2,064 packages of miscellaneous literature on child care and 533 packages of school health material have been sent out, all in response to requests. These figures were in addition to the numbers of books distributed by our nurses in connection with health centres and home visits.

HOME VISITS

It is gratifying to report an increase in the number of contacts between the nurse and the home, the total of visits being 6,229. Every home was visited in every school district in which the nurse was working. Too much emphasis cannot be placed on this feature of the work. The best results invariably accrue from regular and frequent contacts between the nurse and the parents. It is the only really adequate means of interpreting the objectives of the work.

SPECIAL WORK

Private Hospitals and Nursing Homes.—All small institutions for the care of the sick were under the regular supervision of our nurses. The permit for the conduct of such places was given only on the recommendation of the nurse and her report on favourable conditions. One hundred and five inspection visits were made in 1939, an increase of 37 over the preceding year.

Trachoma.—Nurses in three districts assisted with the treatment of trachoma, a communicable eye disease which has been difficult to eradicate and which has existed in certain parts of the province for many years. Treatment is under the supervision of a medical doctor and is carried out in the homes of the patients. In the Wymark, Kayville and Hague—Rosthern areas—147 patients were under treatment and 635 home visits were made.

A number of the patients were treated with a new drug, sulphanilimide, with extremely good results. The number of cases under treatment at the close of the year had been materially reduced because of the success attributed to the use of the drug.

Bedside Care.—The whole service at Cumberland House, the one northern outpost in which bedside care is given by a public health nurse, was reorganized in October, 1939. Special attention was arranged for nursing care in obstetrical cases and for health education efforts which might improve the living conditions of the halfbreed population at that point. The provision of a nurse's house or small nursing home is now contemplated.

An epidemic of whooping cough among the children resulted in the death of three infants. Medical attention was sent in from The Pas by the Department of Public Health. At the time of the outbreak we were without a nurse at Cumberland House, since it occurred in the short interval between the retirement of the nurse and her replacement.

The nurse now in charge has had special training and experience and is particularly well fitted for the service needed in an area so far remote from medical aid.

Lecture Course for Schools of Nursing.—At the request of the Saskatchewan Registered Nurses' Association and with the approval of the Minister of Public Health, a course of eight lectures in public health nursing was prepared for senior students in schools of nursing in this province. The course was given in eight of the ten schools by the public health nurse located in or adjacent to the district. The lectures were not intended to prepare the students for public health work but rather to serve as an educational introduction to it. Sincere appreciation of the work was expressed by every school in which it was given. The lectures will be continued during 1940. The request now is for practical work in observing public health nursing. To date this has not been considered possible but the whole matter is being studied in an effort to meet this need of the schools.

MATERNITY GRANTS

During the period January 1 to December 31, the maternity grant was authorized for 4,665 needy mothers. The cost of the service was as follows:

Grants paid direct to mothers	\$23,325.00
Gratuities paid to doctors	20,561.00
Contributions toward hospitalization	104.00
Total amount expended	<u>\$43,990.00</u>

The average number of grants authorized for every week of the report period was 90.51. The peak occurred in April when the number was 520 for the month. The lowest number, 225, was in November.

Very few grants were authorized without the medical pre-natal report. This, together with the fact that the booklet on pre-natal care was sent to all applicants, serves to support the contention that the maternity grant is not a relief measure but is entirely an effort to safeguard motherhood and to reduce the rates of maternal and infant mortality.

A few figures may be of interest in this connection. The maternal death rate for the Dominion for the year 1938 was 4.2 per 1,000 living births. For the Province of Saskatchewan it was 2.5, the same as Prince Edward Island and the lowest in Canada. The number of deaths was 46. Figures for 1939 were not available when this report was prepared.

The infant death rate for the Dominion for 1938 was 63 per 1,000 living births. For Saskatchewan it was 52, only the fourth lowest in the Dominion. This might be reduced if closer supervision of infants in remote areas were possible. Smaller districts for public health nursing would be necessary for this more intensive work.

ACKNOWLEDGMENTS

We are again indebted to numerous individuals, including doctors, dentists, teachers, school and municipal officials and many others and to organizations, both official and voluntary, for co-operation and assistance, making possible the work as reported. Grateful acknowledgment is herewith recorded.

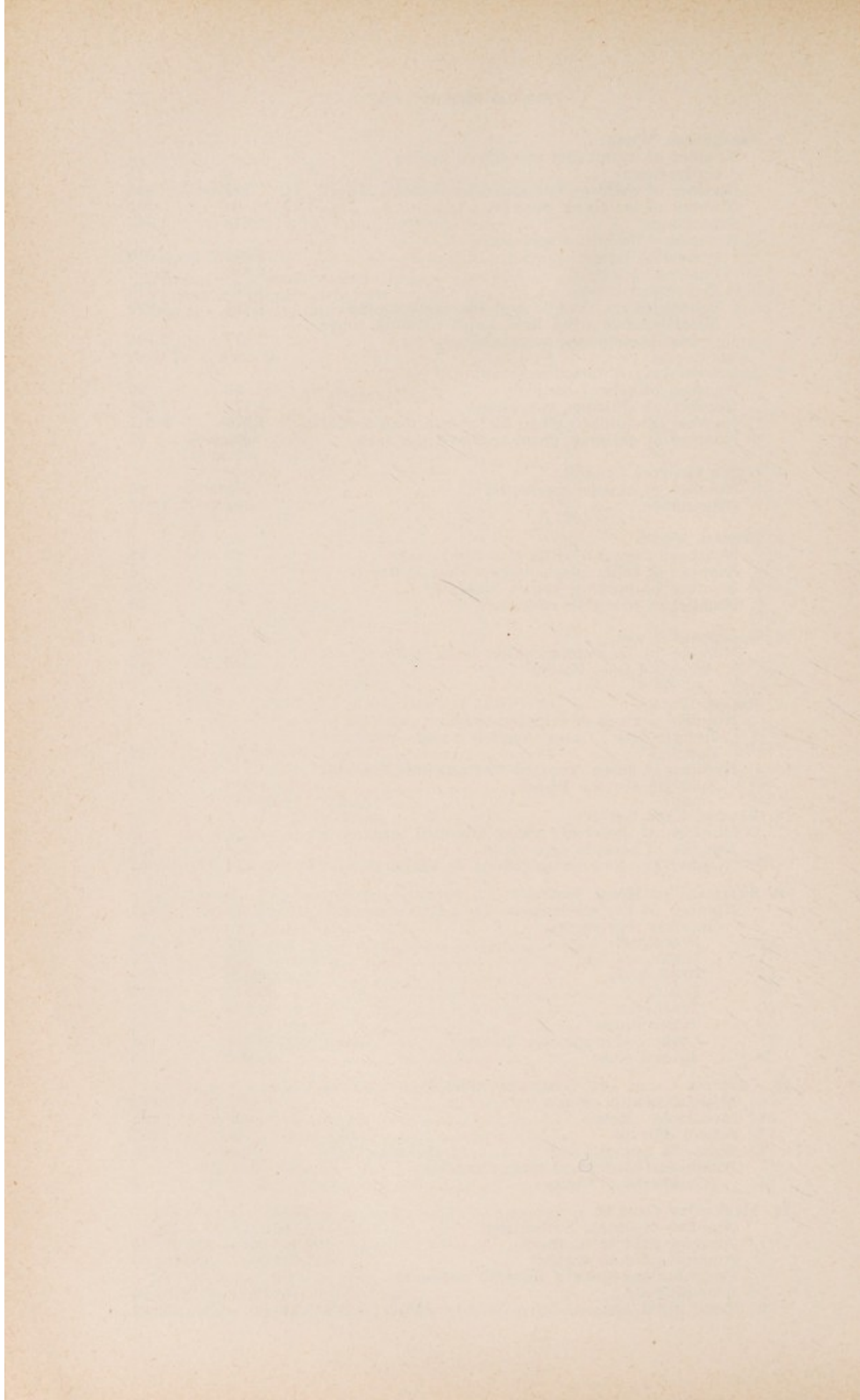
Respectfully submitted,

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

SUMMARY OF WORK OF PUBLIC HEALTH NURSES, 1939

1. SCHOOL WORK:		1938	1939
Number of schools visited		401	512
Number of pupils inspected		18,229	17,031
Number of pupils with no apparent defect		4,208	3,215
	<i>Signs of defect reported</i>	<i>Corrections reported by teachers</i>	
		(328 reports)	(359 reports)
(a) Inspection of pupils—	1938 1939	1938	1939
Defective vision	1,725 1,584	518	497
Defective hearing	217 185	50	41
Discharging ears	47 20	47	48
Unhealthy throat	2,818 3,433	454	365
Nasal obstruction	819 991	233	195
Carious teeth—temporary	5,948 5,323		
Carious teeth—permanent	8,306 7,866	4,115	3,534
Enlarged thyroid	390 383	27	35
Orthopedic defect	31 30	15	12
Skin eruptions	332 231	301	184
Nervous disorders	81 50	14	19
Suspect tuberculosis	6 2	15	13
Special cases	198 149	48	55
Dental corrections recorded in dental clinics for which no teacher's report was received		6,553	5,422
Total dental corrections		10,668	6,700
Immunization of school children previous to visit of nurse—			
Vaccination		5,131	5,609
Diphtheria toxoid		4,760	5,366
Immunization following visit of nurse—			
Vaccination		1,671	1,801
Diphtheria toxoid		1,818	2,089
Scarlet fever toxin		152	.....
Improved gain in growth		2,465	2,681
(b) Health talks in schools		698	621
(c) School improvements reported by teachers following the recommendation of the public health nurse—			
Lighting		28	20
Ventilation		13	17
Cleanliness		49	89
Desks		34	37
Blackboards		40	50
Water supply		47	42
Washing facilities		27	48
Toilets		41	68
(d) Special health teaching reported by teachers—			
Health plays		103	101
Records and charts		131	128
Morning inspection		217	232
Junior Red Cross organization		52	122
Weight records		83	73
Hot noon lunch		41	38
(e) Health teaching material sent to schools at request of teacher—			
Plays, stories, booklets, etc.		424	551
(f) Dental clinics—			
Number of clinics held		453	317
Number of children treated		7,952	6,700

2. PRE-SCHOOL WORK:		
Number of infant and pre-school health conferences	8	11
Number of children examined by doctor	282	445
Number of weighing centres	94	101
Attendance	1,636	1,587
Pre-school literature sent out—		
Pre-natal letters	2,475	2,816
Post-natal letters	3,835	4,126
Pre-school letters	1,691	1,750
School letters (Public and High School age) ..	1,127	3,298
Miscellaneous (diet lists, habit training, accident prevention, immunization, etc.)	2,877	2,181
	of each	of each
3. ASSISTANCE WITH IMMUNIZATION:		
Number of school districts	55	90
Number of children vaccinated	1,177	1,696
Number of children given diphtheria toxoid	1,877	2,841
Number of children given scarlet fever toxin ..	630	67
4. HOME NURSING CLASSES:		
Number of classes conducted	71	94
Attendance	1,497	1,937
5. SPECIAL WORK:		
Number of special visits re mental cases	12	15
Number of tuberculosis cases visited in homes ..	23	8
Number of nursing homes inspected	68	105
Number of meetings addressed	61	95
6. TRACHOMA WORK:		
Number of treatments given	676	485
Number of homes visited	487	635
7. RELIEF WORK:		
Number of cases of crippled children reported to Junior Red Cross Society and Shriners' Hospital	11	12
Number of cases reported to Canadian National Institute for the Blind	273	155
8. BEDSIDE CARE SERVICE:		
Number of maternity cases attended	21	8
Number of bedside care visits	583	439
Number of office consultations re illness	274	602
9. SUMMARY OF HOME VISITS:		
Number of homes visited	5,175	6,229
Services represented—		
Pre-natal	128	190
Infant welfare	523	679
Pre-school	1,328	1,579
School	3,546	4,370
Trachoma	505	637
Tuberculosis	22	14
Other communicable disease	101	85
Special cases	303	515
10. OFFICIAL CALLS AND CONSULTATIONS:		
Medical health officers	261	269
Municipal officials	220	601
School officials	659	215
Women's organizations	194	206
Number of obstetrical cases attended (Cumberland House)		8
11. MATERNITY GRANTS:		
	1938	1939
Number of grants authorized	5,266	4,665
Amount paid to mothers	\$26,420.00	\$23,325.00
Amount paid to doctors	\$17,083.00	\$20,561.00
Contributions toward hospital accounts	9	13
Amount paid	\$63.00	\$104.00
Total disbursements for maternity grants	\$43,566.00	\$43,990.00



Government-Aided Hospitals

REGINA, November 1, 1940.

DR. R. O. DAVISON,
Deputy Minister of Public Health,
Regina, Sask.

SIR,—

I beg to submit herewith the report on Government-aided hospitals for the calendar year 1939.

HOSPITALS—NUMBER AND CLASSIFICATION.

During the year four hospitals were approved as follows:

Name of hospital	Bed capacity	Date approved
Leader Town	17	January 1, 1939
Pierceland Red Cross Outpost	10	February 1, 1939
Rosthern Community	14	August 3, 1939
Kinistino and District	10	December 1, 1939

Two hospitals were closed during the year, the Estevan General on October 1st and the Dinsmore Hospital on October 31, 1939. This brought the total number of hospitals in operation up to 92, an increase of 2 over 1938.

The classification of these hospitals according to ownership and bed capacity is as follows:

Ownership	Bed Capacities	
23 Union	Over 100 beds	9 hospitals
19 Community	50 - 100 " "	8 " "
17 R.C. Sisters	30 - 49 " "	16 " "
11 Municipal	20 - 29 " "	13 " "
4 United Church	15 - 19 " "	15 " "
1 Presbyterian Church	10 - 14 " "	31 " "
3 Doctors		—
1 V.O.N.		92
3 Sanatoria		—
10 Red Cross		—
—		—
92		—
—		—

BED COMPLEMENT

The actual number of beds in operation during the year was 4,282. This is made up of 3,410 beds in general hospitals, 129 in Red Cross hospitals and 743 in the Sanatoria but does not include the 531 bassinets available for newborn babies. With an estimated population of 949,000 in 1939, there was one hospital bed available for every 221.6 persons, or 4.5 beds per 1,000 population.

PATIENTS AND HOSPITAL DAYS

There were 29,691 male, 40,478 female and 8,987 newborn patients cared for in general hospitals during the year. This, together with 9,149 patients treated in the Sanatoria, brought the total patients for the year up to 88,305, an increase of 1,222 over 1938. The Sanatoria showed an increase of 972 and general hospitals an increase of 250 over the previous year. One person in every 10.7 received hospital treatment during 1939, or 9.3% of the total population.

The total hospital days in general hospitals was 869,069 and in the Sanatoria 296,713, making a grand total of 1,165,782. An analysis of the general hospitals shows that 116,725 days were spent in private and semi-private wards, 663,558 in public wards and 88,786 were newborn.

The Sanatoria showed an increase of 9,902 days over the previous year, while the general hospitals showed a decrease of 54,783. This decrease may be partly accounted for owing to the fact that previous to May 1, 1939, the day of admission and day of discharge were both counted as patient days, but after that date the day of discharge was not counted.

HOSPITAL AVERAGES

The average stay of adults and children in hospital was 11.1 days, while newborns and maternity cases remained in hospital for an average of 9.9 days.

The average number of patients in general hospitals daily was 2,381, and in the Sanatoria 813, making a total of 3,194.

The average percentage of beds occupied in general hospitals during the year was 58.5%. Meadow Lake had the highest percentage of bed occupancy with 92.7% and Rouleau the lowest with 17.8% of the beds occupied daily.

DEATHS

During the year 1,340 male patients and 878 female patients died in general hospitals, making a total of 2,218, which represents 2.8% of all patients treated. Five hundred and seventy-nine of these deaths were within 48 hours of admission.

Three hundred patients died within 10 days of operations and 16 from anæsthetics. There were 15 maternal deaths and 226 babies died, not including 143 stillbirths.

Seventy-eight patients died from communicable diseases and 295 as a result of cancer. There were also 90 deaths in the tuberculosis Sanatoria.

NURSING TRAINING SCHOOLS AND INTERNES

Ten hospitals operated nurses' training schools and had a combined total of 637 student nurses in training during 1939. From these schools 203 nurses graduated during the year. This is the greatest number of nurses to graduate in any one year from Saskatchewan hospitals.

There were 23 internes employed in six of the city hospitals. The following is a distribution of the internes, student nurses and nurses graduating:

<i>Hospital</i>	<i>Internes</i>	<i>Student nurses</i>	<i>Nurses graduating</i>
Humboldt, St. Elizabeth's .....	.....	25	12
Moose Jaw, General	1	61	20
Moose Jaw, Providence	1	37	7
Prince Albert, Holy Family.....	.....	40	4
Prince Albert, Victoria .....	.....	26	7
Regina, General	7	110	34
Regina, Grey Nuns	4	92	32
Saskatoon, City	6	121	44
Saskatoon, St. Paul's	4	101	34
Yorkton, Queen Victoria .....	.....	24	9
	23	637	203

HOSPITAL STAFF

The total number of employees in general hospitals for the year was 2,300 and can be classified as follows:

Salaried doctors, full time	11
Salaried doctors, part time	7
Internes	23
Graduate nurses	565
Student nurses	637
Graduate dietitians	12
Orderlies	71
All other employees	974
	<hr/> 2,300

MATERNITY CASES AND BIRTHS

There were 8,879 maternity cases cared for in the hospitals this year, compared with 8,437 in 1938, an increase of 442. These cases comprised 12.6% of the total cases admitted. There were 15 maternal deaths, which is a death rate of 1.7 per 1,000 cases.

Living births were: Male 4,417, female 4,406, making a total of 8,823. Of these, 226 died before leaving the hospital, which is a death rate of 2.6 out of every 100 living births. There were also 143 stillbirths.

During the year there were 607 non-operative and 546 operative abortions performed in hospitals.

OPERATIONS AND SPECIAL DISEASES

The following is a summary of the operations performed in general hospitals during the year:

Abdominal		7,710
Appendectomy	5,046	
Gall bladder	322	
Appendectomy and gall bladder	214	
Hernia	848	
Other abdominal	1,280	
Gynecological		1,965
Tubes and ovaries	683	
Other gynecological	1,282	
Amputations		293
General		16,882
Total		<u>26,850</u>

The following shows the number of cases of special diseases reported by hospitals, listed in order of their prevalence:

Cardiac 1,746, cancer 1,350, communicable diseases (excluding typhoid fever and tuberculosis) 991, arthritis 621, goitre 539, rheumatic fever 398, venereal diseases 318, pulmonary tuberculosis 262, other forms of tuberculosis 147 (see report on Sanatoria), typhoid fever 71.

CLINICAL SERVICES, ETC.

The approved hospitals reported 184,296 laboratory examinations and 31,188 X-ray examinations. There were 11,005 tissues examined in hospital laboratories and 2,196 sent elsewhere for examination. Wassermann blood tests were taken from 11,774 patients in hospitals and sent to the provincial laboratory for examination.

There were 369 autopsies performed. Infections developed in hospital totalled 153, divided into: medical 25, surgical 64, obstetrical 64.

MISCELLANEOUS INFORMATION

During the year 10,203 out-patients received treatment in the 42 hospitals providing this type of service.

Fifty-two hospitals carried some form of liability insurance on patients and the secretary treasurer is bonded in 48 hospitals.

FINANCIAL

The total revenue for all approved hospitals for the year 1939 amounted to \$2,684,653.45, while the expenditure for the same period was \$2,671,853.87. Fifty-seven hospitals showed an operating profit for the year, while twenty operated at a loss.

The average cost per patient per day for all patients treated in general hospitals (excluding the Sanatoria) was \$2.66. This figure is not comparable with previous reports since the Sanatoria were formerly included in this calculation and the day of admission and discharged were both counted as patient days. Computed on a basis of four newborns to one adult the cost per patient per day amounted to \$2.95 and the average earnings per patient per day \$3.22.

The total statutory grants paid under *The Hospitals Act* was \$718,580.50, while the relief grants for the fiscal year 1939-40 amounted to \$88,242.32. On referring to the detailed statement of hospital earnings in table 9, a difference

will be noted in the total amounts shown as received for statutory and relief grants and the amounts shown as paid in grants on table 10. This is accounted for by the fact that the grants are shown on a fiscal year basis and include the Sanatoria, while the hospitals have reported the grants earned for the calendar year 1939.

The statistical and financial information given in the following statements has been obtained from the revised annual report on public hospitals drawn up by the Dominion Hospital Council and Dominion Bureau of Statistics and adopted by Saskatchewan hospitals for the first time last year. Since these reports differed considerably from those formerly in use it was necessary to completely revise the accounting and statistical tables. Statistics regarding the Sanatoria were formerly included in the hospital tables, but are shown in separate schedules this year.

The following tables are submitted giving the details of each approved hospital in the province:

TABLE I.—HOSPITAL ACCOMMODATION, STAFF AND CLINICAL SERVICES

This statement indicates the accommodation, as well as the hospital and medical staff, and the extent of the clinical services. The bed complement divided into adult beds, cribs and bassinets is shown instead of the bed capacity and this should be kept in mind in comparisons with former reports. If the medical staff in a hospital is organized this is indicated by the number of doctors on the staff and if there is no organized staff the number of doctors attending patients during the year is shown. The figures for clinical services are self-explanatory.

TABLE II.—PATIENTS TREATED, HOSPITAL DAYS, HOSPITAL AVERAGES AND DEATHS

The figures for total beds include bassinets in nursery. Patients treated are segregated into male, female and newborn and hospital days into private and semi-private, public and newborn. The average number of patients daily includes newborns and the percentage of beds occupied daily is arrived at by taking the average number of patients daily over the total number of beds available.

TABLE III.—HOSPITAL SURGERY. ANAESTHESIA AND HOSPITAL INFECTIONS

This table requires no explanation.

TABLE IV.—STATISTICS ON MATERNITY AND SPECIAL DISEASES

The number of maternity cases, living births and stillbirths are shown in this table along with the maternal and infant mortality and death rates. The balance of the table is made up of the number of cases of special diseases treated, as reported by the hospitals.

TABLE V.—MISCELLANEOUS INFORMATION REGARDING HOSPITALS

There are no hospitals in Saskatchewan with organized out-patient departments but some hospitals accept out-patients for treatment and these are indicated in this table. The balance of this table is made up of information regarding nurses' homes, laundry, liability insurance, secretary treasurer's bond, milk and water supplies and the charges for day rate services in each of the approved hospitals.

TABLE VI.—COST AND EARNINGS PER PATIENT PER DAY

A new method of calculating the cost per patient per day has been used this year, based on the assumption that four newborns can be kept in hospital for the same cost as one adult. The net patient days is thus arrived at by taking the total adult days plus one-quarter of the newborn days. Explanatory footnote will clarify this table.

TABLE VII.—STATEMENT OF REVENUE AND EXPENDITURE SHOWING NET PROFIT OR LOSS

The figure for total revenue is the gross earnings of the hospitals, including patient fees, grants, donations, etc., less deductions for rebates, courtesy, free service and doubtful revenues. The total expenditure is made up of the operating expenses, plus depreciation and repairs to buildings, interest charges, etc.

TABLE VIII.—STATEMENT OF EXPENDITURES IN DETAIL

This is an analysis of hospital expenditures and shows at the bottom of the table the percentage of the total expenditure under each of the eight headings.

TABLE IX.—STATEMENT OF REVENUE IN DETAIL

This shows the sources of hospital revenue along with the percentage of revenue received under each of the five headings.

TABLE X.—GOVERNMENT GRANTS AND PAYMENTS TO HOSPITALS

This shows the statutory grants earned by all hospitals during the calendar year 1939. The relief grants and payments to hospitals on account of indigents are kept on a fiscal year basis, that is, from May 1, 1939, to April 30, 1940, and thus cannot be compared with the figures shown by the hospitals in their revenue statements.

REPORT ON TUBERCULOSIS SANATORIA

Because of the fact that a different type of report was received from the Sanatoria, which did not readily adapt itself to the hospital tables, it was decided to make a separate report comprised of four schedules:

- Schedule 1—Bed Capacity and Movement of Patients.
- Schedule 2—Sanatoria Staff and Clinical Services.
- Schedule 3—Summary of Operating Costs.
- Schedule 4—Statement of Revenue.

No schedules on medical services are included in this report as these are very fully dealt with in the annual report of the Saskatchewan Anti-Tuberculosis League for 1939.

Respectfully submitted,

J. W. LORD, M.D.,
Medical Officer.

H. TABLE I.—HOSPITAL ACCOMMODATION—STAFF—CLINICAL SERVICES.

Hospitals	Bed Complement			Hospital Staff								Medical Staff				Clinical Services						
	Adult beds	Cribs	Total beds and cribs	Basinetts in nursery	Salaried Drs. full time	Salaried Drs. part time	Internes	Graduate nurses	Student nurses	Grad. Dietitians	Orderlies	Other employees	Total staff	Drs. on staff	Do staff meet regularly?	No. attending physicians	Laboratory examinations	Tissues exam. in hospital	Tissues sent elsewhere	Wassermanns or Kahn tests	X-ray exams.	Autopsies held
Arcola, Brock Union	13	1	14	2			4				3	7				7	24			4	81	
Assiniboia Union	18	2	20	6			6			1	6	13				3	350		25	25		
Bengough, Municipal	12	1	13	4			3				2	5				2			1	12		
Bienfait, Community	10	3	13		1		3			1	2	6			Yes		1,037	14	25	197	984	4
Biggar, St. Margaret's	34	2	36	6			4				9	13			Yes		235		8	12	86	
Birch Hills, General	11	1	12	5			3				4	7				1	359	1	2	49	61	3
Broadview, St. Michael's	10	2	12	2			3				6	9				4	576		12	5	177	
Cabri, Union	21	2	23	5			6				5	11			Yes		1,735		100	175	500	
Canora, Hugh Waddell Mem.	39	5	44	7			5				17	22			Yes		1,485		26	110	905	
Carrot River, Mitchell Mem.	6	4	10				2				2	2				2	2		2	2		
Cudworth, St. Michael's	20	2	22	4			2				10	14			Yes		140		13	4	126	1
Central Butte, Victorian	10	1	11	3			2				1	3				2			6	4		
Davidson, Union	16	1	17	4			4			1	1	6				5	240		7	4	30	
Doddsland, Community	25		25	6			3			1	2	6				1	572		48	17		
Eatonia, Union	16	1	17	4			3				4	7				5	205		4	8	32	
Edam, Lady Minto Union	14	2	16	4			4				5	9				4	300		6	53		
Elrose, Community	10	1	11	1			2				1	3				1	1		4	8	60	
Estevan, St. Joseph's	38	2	40	5			11			1	14	26				12	1,024		135	14	350	1
Eston, Union	34	1	35	6			7				8	15				2	862	10	18	11	331	
Foam Lake, Foam Lake	10	2	12	3			3				4	7				4	376		4	140	165	2
Frontier, Community	10	2	12				2				2	4				3			1			
Gravelbourg, St. Joseph's	46	4	50	6			6				24	30			Yes		745		12	18	228	1
Gull Lake, Union	16	2	18	6			4				4	8				2	335		32	75	39	
Hafford, Hafford	26	4	30	6			4				5	10			Yes		450		2	1	401	
Humboldt, St. Elizabeth's	56	10	66	10			10			1	14	51			Yes		2,558		64	36	797	5
Herbert, Community	12	1	13	3			3				3	6			Yes				4	4		3
Ile la Crosse, St. Joseph's	20	5	25	6			6			4	9	9				1	350		10	10		
Indian Head, Union	23	2	25	6			6				6	12			Yes		400		142	6	166	3
Kamsack, King Edward	25	1	26	3			3				5	8			Yes		984		10	419	308	
Kelvington, Union	12	3	15	3			3				3	6				2	375		4	3		
Kerrobert, Union	29	6	35	6			5				4	9				3	332		25	8	62	
Kincaid, Community	11	1	12	6			4				2	6				2			4		30	
Kindersley, Union	32	2	34	5			9				7	16				2			114	114	282	
Lampman, Union	12	2	14	5			4				4	8				10	325		5	20	49	
Lashburn, Union	22	3	25	4			7			1	4	12				5	742		32	10	139	1
Leader, Town	15	2	17	4			3				3	7				1	20		7		210	
Lestock, St. Joseph's	10	2	12				3				3	7				3	50		10	10		
Lloydminster, Union	57	4	61	14			15				15	30			Yes		2,255		46	20	545	

H. TABLE II.—PATIENTS TREATED, HOSPITAL DAYS, HOSPITAL AVERAGES, DEATHS IN HOSPITAL.

Hospitals	Total beds	Patients Treated			Hospital Days			Average days stay—adults	Average days stay—newborns	Average No. patients daily	% bed occupancy	Total deaths during year		Death rate per 100 admissions		
		Male	Female	Newborn	Total	Public	Newborn					Total	Male		Female	
Arcola, Brock Union	16	91	124	33	248	2,930	2,098	279	3,209	13.6	8.4	8.8	55.	6	3	3.6
Assiniboia, Union	26	288	397	96	781	3,332	2,088	860	6,280	7.88	9.	17.2	66.1	10	12	2.8
Bengough, Municipal	17	49	117	49	215	1,482	1,482	432	1,914	8.93	8.8	5.2	30.6	4	1	2.3
Bienfait, Community	13	194	260	63	517	1,209	1,342	593	3,144	5.6	9.3	8.6	66.1	4	2	1.2
Biggar, St. Margaret's	42	246	330	71	647	2,955	4,665	689	5,649	7.3	9.6	15.5	36.9	10	4	2.2
Birch Hills, General	17	75	157	65	297	93	2,501	719	3,313	11.	11.2	9.1	53.5	2	3	1.7
Broadview, St. Michael's	14	112	168	28	308	2,710	2,710	238	2,948	9.7	8.4	8.1	57.8	6	10	5.2
Cabri, Union	28	258	352	89	658	3,211	6,173	1,260	6,762	10.08	10.4	18.5	66.1	7	9	2.4
Canora, Hugh Waddell Mem.	51	473	690	195	1,358	321	7,972	1,260	9,553	7.1	6.5	26.2	51.4	21	11	2.3
Carrot River, Mitchell Mem.	10	42	88	44	174	467	869	407	1,276	6.6	9.4	3.5	35.	2	2	1.1
Cudworth, St. Michael's	26	180	294	81	555	467	3,699	802	4,968	7.4	10.1	13.6	32.3	11	9	3.6
Central Butte, Victorian	14	63	94	26	188	1,294	1,294	242	1,536	8.	9.3	4.2	30.	1	4	2.7
Davidson, Union	21	76	115	47	238	10	1,671	394	2,075	8.8	8.4	5.7	27.1	3	2	2.1
Dodsland, Community	31	90	151	47	288	3,067	2,135	564	3,631	12.4	12.7	9.9	31.9	1	4	1.7
Eatonia, Union	21	76	143	33	252	2,460	2,135	325	2,460	9.7	10.7	6.7	31.9	3	2	2.
Edam, Lady Minto Union	20	81	177	74	332	3,120	3,120	885	4,005	12.	12.	11.	55.	7	5	3.6
Elrose, Community	12	60	61	12	133	1,065	5,672	115	1,180	8.8	9.6	3.2	26.7	4	2	4.5
Estevan, St. Joseph's	45	257	359	85	701	417	5,672	873	6,892	8.8	10.4	18.9	42.	13	14	3.8
Eston, Union	41	319	458	60	837	1,711	5,595	614	7,920	8.9	10.3	21.7	52.9	6	9	1.8
Foam Lake, Foam Lake	15	105	176	62	343	48	2,213	544	2,805	8.	9.	7.7	51.3	8	6	4.1
Frontier, Community	12	44	64	28	136	936	936	260	1,196	8.8	9.4	3.3	27.5	3	1	2.9
Gravelbourg, St. Joseph's	50	355	411	80	846	973	9,051	746	10,770	12.2	9.3	29.5	59.	16	9	2.9
Gull Lake, Union	24	159	245	72	476	918	2,718	750	4,386	9.	10.6	12.	50.	11	3	2.9
Hafford, Hafford	36	105	178	41	324	2,024	2,491	406	2,897	8.7	9.7	7.9	21.9	5	5	3.1
Humboldt, St. Elizabeth's	76	722	1,062	240	2,024	951	13,703	2,016	16,672	7.7	8.4	45.7	69.1	28	15	2.1
Herbert, Community	16	50	148	63	261	20	1,763	681	2,464	9.	10.6	6.8	42.5	8	4	4.6
Ile a la Crosse, St. Joseph's	25	107	151	39	297	888	3,322	398	3,720	12.7	10.2	10.2	40.8	20	8	4.8
Indian Head, Union	31	201	322	64	567	1,000	3,937	559	5,384	8.4	8.9	14.8	47.7	12	5	2.4
Kamsack, King Edward	29	307	336	72	715	1,000	4,913	454	5,467	7.8	6.3	15.	51.7	2	5	2.2
Kelvington, Union	18	111	150	46	307	2,802	4,741	447	3,249	10.9	9.8	8.9	49.4	2	3	2.4
Kerrobert, Union	35	162	254	74	490	193	4,741	923	5,857	11.8	12.9	16.	45.7	9	3	2.4
Kincaid, Community	18	100	177	86	363	2,082	2,082	853	2,935	7.4	10.	8.	44.4	2	1	0.8
Kindersley, Union	37	447	508	63	1,018	1,564	6,394	726	8,684	9.5	11.7	23.8	64.3	8	4	1.2
Lampman, Union	19	114	159	43	316	814	6,346	430	3,424	11.2	10.	9.4	49.4	5	2	2.2
Lashburn, Union	29	274	371	89	734	1,134	8,294	1,134	8,294	11.1	12.7	22.7	78.2	12	3	2.0
Leader, Town	21	100	183	69	352	33	2,253	618	2,904	8.1	9.2	8.	38.1	5	4	2.5
Lestock, St. Joseph's	12	114	132	36	282	25	1,841	360	2,226	7.5	10.1	6.1	50.8	2	5	2.5
Lloydminster, Union	75	636	981	197	1,814	1,121	17,426	2,120	20,667	11.	10.8	56.6	75.4	21	19	2.2
Macklin, St. Joseph's	50	446	485	109	1,040	350	7,717	936	9,003	8.5	8.7	23.7	47.4	16	9	2.4

Maple Creek, General	42	284	421	115	820	246	5,606	1,154	7,006	8.1	10.	19.2	45.7	15	7	2.7
Meadow Lake, Meadow Lake	29	335	510	144	969	730	7,605	1,490	9,825	9.6	10.3	26.9	92.7	14	10	2.4
Melfort, Lady Minto	48	486	543	127	1,156	500	8,641	1,281	10,422	8.8	11.3	23.6	59.6	18	15	2.8
Melville, Melville	20	175	257	80	512	330	3,019	639	3,983	7.6	8.3	10.9	54.5	5	9	2.7
Milden, Community	14	115	135	43	293	246	2,465	438	2,903	9.8	10.4	7.9	56.4	3	1	1.4
Moose Jaw, General	200	1,195	1,646	331	3,172	9,500	37,001	3,190	49,691	15.5	10.	136.1	68.	61	38	3.1
Moose Jaw, Providence	98	682	1,108	162	1,952	7,074	18,133	2,039	27,246	14.1	12.8	74.6	76.1	25	21	2.3
Moosomin, General	23	167	194	39	400	394	3,074	351	3,819	9.6	9.	10.7	46.5	8	3	2.7
Nipawin, Lady Grey	29	145	344	141	630	4,477	4,477	1,360	5,837	9.1	9.7	16.	55.1	5	11	2.5
Nokomis, Community	14	56	112	29	197	146	1,467	277	1,744	8.6	9.6	4.8	34.3	2	3	2.5
North Battleford, Notre Dame	83	680	995	263	1,938	2,135	14,968	2,569	19,570	10.	10.	53.6	64.6	28	15	2.2
Oxbow, Union	18	70	152	63	285	2,041	2,104	625	2,666	9.2	9.9	7.3	40.5	3	2	1.7
Pontheit, Gabriel	28	97	152	41	290	204	2,104	468	2,572	8.3	11.5	7.	25.	6	2	2.7
Prince Albert, Holy Family	155	1,019	1,338	228	2,585	4,720	25,994	2,645	33,350	12.	11.7	91.4	58.9	40	35	2.9
Prince Albert, Victoria	84	679	949	231	1,859	2,727	18,389	2,537	23,653	12.6	10.8	64.8	77.1	31	31	3.3
Rabbit Lake, Rose Gill	18	169	274	85	528	393	3,593	713	4,306	8.	8.4	11.8	65.5	11	9	3.8
Regina, General	413	3,025	3,525	618	7,168	12,300	72,529	6,100	90,929	12.9	10.1	249.1	60.3	148	76	3.1
Regina, Grey Nuns	239	2,296	2,873	596	5,765	8,966	59,740	5,480	74,186	12.8	9.4	203.2	70.3	120	91	3.7
Rosetown, Union	60	428	502	111	1,041	681	11,853	1,581	14,115	13.3	14.5	38.7	64.5	18	6	2.3
Rose Valley, Union	22	235	447	105	787	803	4,761	843	5,604	6.9	8.5	15.3	69.5	7	7	1.8
Rouleau, Community	14	44	55	10	109	803	803	100	903	8.3	10.	2.5	17.8	3	1	3.7
Rosthern, Community	20	45	62	15	122	53	531	95	680	5.4	6.4	4.4	22.	1	1	1.6
Saskatoon, City	311	2,804	3,059	465	6,328	10,995	73,320	5,034	89,349	14.4	11.	244.8	78.7	171	81	4.
Saskatoon, St. Paul's	227	1,902	2,559	298	4,759	7,637	37,607	2,975	48,219	9.7	9.9	132.1	58.2	69	43	2.3
Scott, Municipal	15	84	139	32	275	127	1,827	282	2,236	8.	8.8	6.1	40.7	1	1	0.4
Shanavon, Union	38	317	406	97	820	3,520	4,191	1,020	8,731	10.6	10.7	23.9	62.9	10	11	2.6
Smeaton, W.M.S.	16	59	122	55	236	222	1,466	530	1,996	7.9	9.6	5.5	34.4	2	5	2.9
Swift Current, General	55	432	709	228	1,389	4,416	6,152	2,254	12,822	9.	9.9	35.1	63.8	33	17	3.6
Tisdale, St. Therese	78	699	884	172	1,755	1,028	12,749	1,780	15,543	7.9	10.3	42.6	54.6	27	9	2.
Unity, Union	41	276	359	74	709	224	6,191	712	7,127	9.6	9.6	19.5	47.6	12	8	2.8
Vanguard, Union	15	106	115	33	254	14	1,771	362	2,147	6.4	10.9	5.9	39.3	5	6	4.3
Wadena, Union	55	473	655	148	1,276	114	12,817	1,564	14,435	11.3	10.2	39.5	71.3	11	18	2.3
Wakaw, Anna Turnbull	29	142	257	134	633	224	1,755	1,780	15,543	7.9	10.3	42.6	54.6	27	9	2.
Watrous, Manitou	16	123	127	19	269	1,540	7,089	1,043	9,406	10.8	9.6	25.9	46.2	15	8	2.7
Weyburn, General	56	308	437	109	854	734	7,089	1,043	9,406	10.8	9.6	25.9	46.2	15	8	2.7
Wilkie, Union	20	119	225	93	437	195	2,649	769	3,613	8.2	8.3	9.9	49.5	4	4	1.8
Whitehead, Community	14	115	186	39	340	10	2,749	396	3,155	9.2	10.	8.6	61.4	7	1	2.3
Yorkton, Queen Victoria	104	994	1,264	269	2,527	4,455	15,399	2,421	22,275	10.	9.	61.	53.6	47	29	3.
RED CROSS OUTPOSTS—																
Bracken	18	64	128	33	225	225	1,039	330	1,369	5.9	10.	3.7	20.5	1	1	0.4
Carragna	14	44	109	61	214	214	1,450	559	2,009	9.6	9.4	5.5	39.3	2	1	1.4
Dinsmore	6	38	69	25	132	132	625	230	855	6.	9.2	2.3	38.3	1	1	0.7
Endeavour	10	18	32	20	70	70	443	209	652	3.8	10.4	1.8	18.	1	1	1.4
Loon Lake	23	200	407	138	745	745	5,238	1,317	6,605	8.7	9.8	18.1	64.6	7	9	2.1
Lucky Lake	11	41	74	23	138	138	926	227	1,153	7.9	10.	3.2	29.1	4	1	3.6
Paddockwood	12	41	94	36	171	171	893	376	1,274	6.6	10.4	3.5	29.2	2	1	1.7
Pierceland	14	41	69	20	130	130	1,006	196	1,202	8.6	10.	2.3	16.4	2	2	3.1
Rocklen	11	8	53	25	86	86	493	297	790	8.2	11.8	2.2	20.	1	1	1.2
Tuberose	14	31	110	34	175	175	1,219	338	1,557	8.9	10.9	4.3	30.7	1	1	1.1
Regina Junior Red Cross	23	91	83	.....	179	.....	6,524	.....	6,524	32.1	.....	17.9	63.9	.....	.....	.....
Totals	4,070	29,691	40,478	8,987	79,156	116,725	663,558	86,786	869,069	11.1	9.9	238.1	58.5	1,340	878	2.8

H. TABLE III.—HOSPITAL SURGERY—ANAESTHESIA—SUBSEQUENT INFECTIONS.

Hospitals	Abdominal						Gynecological			Amputations	General Operations	Total operations	Deaths within 10 days of operation	% of deaths from operations	No. of general anaesthetics	Deaths from anaesthetics	Hospital Infections				Total
	Appendectomy	Gall bladder	Appendectomy and gall bladder	Hernia	Other abdominal	Total	Tubes and ovaries	Other gynecological	Total								Medical	Surgical	Obstetrical		
Arcola, Brock Union	38	3		2	1	41	6	5	11	6	29	70	1	1.4	70		1			3	
Assiniboia, Union	103	3		8	6	120					174	311	1	0.32	270	1				3	
Bengough, Municipal																					
Bienfait, Community	12		1	3	19	35	3	5	1	7	148	191	1	0.53	148					2	
Biggar, St. Margaret's	24	1		2		27					171	208	2	1.0	175					1	
Birch Hills, General											64	67	2		23						
Broadview, St. Michael's	37	1	2	2	1	43	1	2	3	3	64	113	2	1.76	67					1	
Cabri, Union	41		1	4	7	53					250	304	1		110						
Canora, Hugh Waddell Mem.	78	3	1	8	6	96	3	2	5	3	340	447	3	.67	222						1
Carrot River, Mitchell Mem.	4			1		5					21	31	1		23						
Cudworth, St. Michael's	15			5	4	24					107	138	1	3.2	82						2
Central Butte, Victorian	17			1	2	18					42	60			44						2
Davidson, Union	19			1	2	22					37	58			37						3
Doddsland, Community	12			5		17					37	40			70						
Eatonia, Union	2					2					6	43			9						
Edam, Lady Minto Union	11	1		2	1	15					22	37			37						1
Elrose, Community	2			1		3					6	43			16						
Estevan, St. Joseph's	32	5		11	21	69	4	4	8	2	125	204	1	.49	159						5
Eston, Union	53	6	3	11	32	105	3	29	32	9	196	342	3	.87	236						
Foam Lake, Foam Lake	19	1		1	1	22	2	2	4	2	48	76		1.31	64						
Frontier, Community	17			2	3	22						40		2.5	33						
Gravelbourg, St. Joseph's	101	5	1	10	1	118	11	12	23	2	149	292	4	1.36	315						3
Gull Lake, Union	17	2	1	7	2	29	2	2	3	4	96	133			147						
Hafford, Hafford	50			2		52	6	3	3	2	69	126	3	2.38	83						
Humboldt, St. Elizabeth's	116	12	3	23	27	181	6	20	26	8	418	633	3	.47	350						
Herbert, Community	10			1	3	14					35	53		7.5	29						
Ile a la Crosse, St. Joseph's	2				3	5					30	39			20						
Indian Head, Union	100	7	1	5	13	126	14	6	20	1	192	339	8	2.35	262						1
Kamsack, King Edward	77	1	1	4	3	86	4	4	8	1	222	317	3	.94	104						
Kelvington, Union	38		2	10	1	51	1	4	5	2	54	112	1	.89	128						2
Kerrobert, Union	26	2		4	3	35	8	6	14	4	75	128			112						2
Kincald, Community	22			1	1	24					63	90			70						
Kindersley, Union	35			7	2	44	2	12	14	1	233	292			227						
Lampman, Union	10	1			2	13					38	54			32						
Lashburn, Union	53			3	1	57	2	3	3	4	131	194	3	1.54	96						
Leader, Leader Town	11	2		1	1	14					4	27		3.7	55						
Lestock, St. Joseph's	19				1	19					51	75		1.33	61						
Lloydminster, Union	75	2		9	4	90	7	29	36	6	333	465	3	0.64	289						4

Macklin, St. Joseph's	30	1	9	5	47	3	2	5	7	183	247	2	0.3	210	16	25	64	64	153
Maple Creek, General	65	4	18	18	93	9	15	24	7	324	448	1	0.22	375	1	1			
Meadow Lake, Meadow Lake	25	5	5	1	31	7	7	7	2	152	185	2		335					
Melville, Melville	51	5	7	64	7	7	7	7	7	97	168	4		95					
Melfort, Lady Minto	82	13	17	115	7	7	21	28	9	301	453	4	0.88	500					
Moose Jaw, General	246	48	23	339	7	7	87	87	7	168	601	10	1.66	647					
Moose Jaw, Providence	134	3	13	24	10	10	28	38	3	287	507	3	0.19	411					
Moosomin, General	78	10	2	128	4	4	6	10	3	72	212	3	1.42	222					
Nipawin, Lady Grey	48	6	6	54	5	5	79	138	5	79	138	1	0.71	246					
Nokomis, Community	14	2	2	17	1	1	36	55	1	36	55	1	1.81	35					
North Battleford, Notre Dame	183	8	32	11	252	10	31	41	4	416	713	7	0.98	615					
Oxbow, Union	31	2	2	34	2	2	31	67	1	31	67	1	1.49	115					
Ponteix, Gabriel	19	3	3	22	2	2	40	63	1	40	63	1		65					
Prince Albert, Holy Family	207	12	27	66	330	57	68	125	21	520	996	12	1.2	825					
Prince Albert, Victoria	152	9	16	92	272	15	9	24	6	350	681	9	1.32	521					
Rabbit Lake, Rose Gill	53	1	3	4	61	7	2	9	7	105	175	7	4.0	167					
Regina, General	351	21	83	171	646	136	184	320	13	2,835	3,814	29	0.76	2,427					
Regina, Grey Nuns	322	29	76	245	709	54	231	285	10	2,028	3,032	51	1.68	2,072					
Rosetown, Union	48	3	11	4	66	5	15	20	3	95	282	3	1.05	242					
Rose Valley, Union	94	1	6	6	107	3	2	5	2	8	122	3	2.45	166					
Rouleau, Community	11	1	1	12	3	3	69	57	1	53	69	1	1.44	57					
Rosthern, Community	6	1	1	7	7	7	20	29	2	20	29	2	3.44	22					
Saskatoon, City	315	39	15	82	573	68	157	225	38	2,418	3,254	51	1.56	2,134					
Saskatoon, St. Paul's	273	27	45	77	89	511	23	79	102	1,261	1,888	19	1.0	69					
Scott, Municipal	11	2	3	16	16	2	2	4	4	56	80	4		80					
Shaunavon, Union	44	5	5	3	52	7	2	2	5	14	80	5		52					
Smeaton, W.M.S.	68	6	12	33	119	11	10	21	3	264	404	3	0.74	262					
Swift Current, General	135	17	8	26	44	230	59	82	15	488	825	5	0.6	214					
Tisdale, St. Therese	61	8	11	6	87	10	9	19	2	140	249	2	0.8	335					
Unity, Union	5	2	2	7	7	7	4	4	4	41	52	1	1.92	13					
Vanguard, Union	122	6	7	30	14	179	4	14	4	312	513	4	0.77	404					
Wadena, Union	22	1	2	3	28	7	7	7	1	78	114	1	0.87	256					
Wakaw, Anna Turnbull	37	1	7	8	53	11	4	15	3	47	118	2	1.69	146					
Watrous, Manitou	118	9	12	12	30	181	41	3	44	95	325	1	0.30	318					
Weyburn, General	24	2	2	3	29	3	3	4	2	69	101	2		62					
Wilkie, Union	59	1	5	9	75	5	1	6	2	81	162	2	1.23	153					
Whitewood, Community	150	8	14	38	229	35	22	57	12	544	842	8	0.95	328					
Yorkton, Queen Victoria																			
RED CROSS OUTPOSTS—																			
Bracken										69	69			85					
Carragana	7			7	7					7	14			23					
Dismore										5	5			22					
Endeavour										3	3			8					
Loon Lake	23		3	26	26		3	3	3	66	98			82					1
Lucky Lake	19		1	20	20	3		3	2	27	52			43					
Paddockwood										43	43			43					
Rockglen																			
Tuberose	5		1	6	6					6	12			18					
Pierceland										28	28			28					
Totals	5,046	322	214	848	1,280	683	1,282	1,965	293	16,882	26,850	300	.11	27,667	16	25	64	64	153

H. TABLE IV.—STATISTICS ON MATERNITY AND SPECIAL DISEASES.

Hospitals	Maternity cases	% Maternity to total admissions	Births Living		Mortality				Abortions		Tuberculosis other forms	Typhoid fever	Communicable diseases, except T.B. and typhoid	Deaths from communicable diseases	Cardiac	Rheumatic	Arthritis	Gonorrhea	Venereal diseases	Cancer	Deaths from cancer	Deaths within 48 hours after admission
			Male	Female	Maternal		Infant		Non-operative	Operative												
					Deaths	Rate per 1,000	Deaths	Rate per 100														
Arcola, Brock Union	33	15.3	14	19	1	1.04	2	2.1	3	17	2	6	2	4	13	4	4	1	2	5	2	2
Assiniboia, Union	48	14.0	47	48	1	2.0	2	2.1	4	17	2	6	2	4	14	3	4	3	2	1	4	2
Bengough, Municipal	46	28.9	27	22	1	3.2	2	3.2	3	10	2	5	2	5	6	11	2	3	4	1	4	2
Bienfait, Community	57	12.5	38	24	1	2.8	2	2.8	7	5	2	5	2	6	6	3	6	3	4	2	2	2
Biggar, St. Margaret's	68	11.8	29	41	1	1.6	1	1.6	4	1	2	2	1	8	12	2	2	1	1	4	2	6
Birch Hills, General	64	27.6	33	30	1	10.7	3	10.7	4	1	2	2	1	16	3	4	4	2	1	4	2	3
Broadview, St. Michael's	29	10.3	13	15	1	1.96	2	4.1	3	11	2	1	1	4	25	4	7	2	1	2	2	3
Cabri, Union	51	8.4	31	17	1	2.1	4	2.1	12	16	9	46	5	18	13	10	3	3	2	2	8	17
Canora, Hugh Waddell Memorial	193	16.6	99	94	4	2.1	4	2.1	10	12	9	2	2	18	13	10	3	3	2	2	8	2
Carrot River, Mitchell Memorial	47	36.1	18	26	5	6.4	2	6.4	2	9	2	15	3	7	2	2	3	1	1	2	2	1
Cudworth, St. Michael's	80	16.9	45	33	1	3.8	2	3.8	1	1	1	3	3	1	7	2	3	1	1	9	1	3
Central Butte, Victorian	26	16.0	12	14	1	4.4	2	4.4	1	1	1	3	3	4	4	1	1	1	1	2	2	2
Davidson, Union	46	24.1	24	21	1	3.4	1	3.4	3	3	3	2	2	3	3	1	1	1	1	2	1	2
Doddsland, Community	47	19.5	18	29	1	5.6	4	5.6	2	1	4	2	2	4	11	4	6	1	1	2	1	2
Eatonia, Union	29	13.2	15	15	1	8.3	4	8.3	2	2	3	1	1	5	7	2	1	1	4	1	1	2
Edam, Lady Minto Union	73	28.3	37	34	4	4.9	4	4.9	4	3	5	4	3	7	5	4	4	3	4	6	5	5
Elrose, Community	12	9.9	3	9	4	6.5	4	6.5	3	14	2	1	4	22	8	4	3	8	4	1	1	2
Estevan, St. Joseph's	84	13.6	43	39	4	3.7	4	3.7	2	3	3	1	1	7	7	8	3	1	2	6	5	7
Eston, Union	64	8.2	26	34	4	4.2	4	4.2	4	1	2	4	1	4	4	4	3	3	4	6	5	5
Foam Lake, Foam Lake	57	20.3	35	26	4	4.8	4	4.8	1	2	5	3	1	2	4	5	3	1	2	3	3	7
Frontier, Community	27	25.0	10	17	1	1.6	1	1.6	7	8	4	1	2	5	5	1	2	2	2	2	2	1
Gravelbourg, St. Joseph's	78	10.2	41	38	1	4.8	3	4.8	2	5	8	8	2	1	22	7	3	1	1	4	3	5
Gull Lake, Union	71	17.6	35	61	4	4.2	4	4.2	8	7	2	7	1	7	4	1	1	1	1	4	3	5
Hafford, Hafford	41	10.7	21	20	4	1.6	4	1.6	1	1	1	8	2	4	4	5	3	1	1	3	3	5
Humboldt, St. Elizabeth's	235	13.2	122	114	4	3.8	4	3.8	8	8	4	3	1	41	8	5	34	12	4	30	8	15
Herbert, Community	63	31.8	33	29	3	4.8	3	4.8	1	2	4	3	1	5	30	3	1	5	5	3	3	5
Ile a la Crosse, St. Joseph's	38	14.7	22	16	1	1.4	1	1.4	3	5	4	1	1	2	2	7	2	1	1	3	1	7
Indian Head, Union	65	12.4	28	36	1	1.4	1	1.4	7	1	2	1	1	10	2	2	12	1	1	3	1	7
Kamsack, King Edward	71	11.0	31	40	1	1.4	1	1.4	1	8	1	1	1	16	2	2	2	2	7	1	1	7
Kelvington, Union	46	17.6	17	28	1	1.4	1	1.4	3	13	1	1	1	3	7	5	2	1	4	3	3	3
Kerobert, Union	74	17.8	38	33	1	4.8	1	4.8	3	8	1	1	1	7	7	1	5	1	4	3	3	3
Kincaid, Community	82	29.6	40	45	1	1.2	1	1.2	5	3	1	1	1	13	4	4	5	3	5	1	1	3
Kindersley, Union	62	6.5	32	30	2	4.8	2	4.8	1	5	3	7	1	4	13	4	5	3	7	3	3	3
Lampman, Union	43	15.7	18	25	2	4.6	2	4.6	6	3	1	7	1	4	13	4	5	3	7	1	1	3
Lashburn, Union	90	13.9	42	45	3	3.4	3	3.4	1	6	2	3	3	12	11	11	2	3	3	1	1	3
Leader, Leader Town	69	24.4	30	37	1	4.5	3	4.5	12	2	1	3	3	4	4	2	1	1	3	1	1	3
Lestock, St. Joseph's	34	13.8	26	10	1	2.9	1	2.9	1	2	1	2	6	6	6	1	1	3	4	1	1	2

Lloydminster, Union	191	11.8	106	84	2	19	1	1	4	1	52	3	29	6	10	11	2	13						
Macklin, St. Joseph's	56	11.3	56	30	1	3	1	21	2	2	26	8	5	5	8	8	2	7						
Maple Creek, General	39	16.3	74	39	2	3	14	2	2	12	5	10	10	2	3	2	2	10						
Meadow Lake, Meadow Lake	147	17.4	86	54	2	14	1	1	1	1	25	4	22	4	1	1	1	11						
Melville, Melville	78	18.0	40	38	2	4	13	2	2	21	3	5	5	2	4	2	2	4						
Melfort, Lady Minto	155	15.1	51	75	1	8	7	2	2	21	5	2	2	2	2	2	2	1						
Milden, Community	42	16.8	23	18	1	2.4	1	41	1	52	6	28	2	2	69	18	2	26						
Moose Jaw, General	323	11.4	157	163	6	37	3	7	11	77	3	17	5	7	10	6	2	8						
Moose Jaw, Providence	159	8.9	74	86	1	0.6	24	9	93	24	2	2	1	12	3	4	4	3						
Moosomin, General	37	10.2	23	15	1	2.6	4	4	2	2	7	5	1	1	4	4	4	7						
Nipawin, Lady Grey	139	28.4	72	67	3	2.1	7	6	6	7	1	1	1	1	4	4	4	1						
Nokomis, Community	30	17.8	12	17	1	2	14	6	1	33	13	20	6	5	11	3	3	9						
N. Battleford, Notre Dame	254	15.1	132	129	7	2.7	10	14	8	1	4	6	2	2	2	2	2	2						
Oxbow, Union	65	29.3	25	37	3	3	5	1	1	4	4	5	1	4	4	2	2	1						
Ponateix, Gabriel	44	17.7	19	19	1	2.6	3	1	1	1	4	6	8	16	13	23	5	26						
Prince Albert, Holy Family	222	16.3	123	104	6	2.6	5	32	5	52	7	8	8	16	13	23	5	26						
Prince Albert, Victoria	234	14.4	115	110	2	0.89	11	37	29	4	45	2	9	8	5	16	2	14						
Rabbit Lake, Rose Gill	85	19.2	42	42	3	3.6	1	3	2	12	6	1	2	2	2	2	2	9						
Regina, General	607	9.3	297	306	17	2.8	10	68	74	30	25	57	72	55	242	49	2	50						
Regina, Grey Nuns	580	11.2	288	292	12	2.1	11	31	16	23	43	24	31	36	6	320	54	24						
Rosetown, Union	109	11.7	50	61	1	0.9	1	7	5	1	19	13	13	1	1	9	4	7						
Rose Valley, Union	101	14.8	54	49	5	3.5	8	5	1	1	5	3	2	2	4	4	1	5						
Rouleau, Community	10	10.1	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Rosthern, Community	17	15.9	6	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Saskatoon, City	461	7.9	218	235	9	2.0	8	29	28	25	143	15	84	97	59	343	53	28						
Saskatoon, St. Paul's	287	6.4	115	173	1	0.3	6	21	11	27	378	11	70	118	56	62	13	31						
Scott, Municipal	28	11.5	20	12	4	4.2	2	21	2	1	11	4	5	6	2	8	3	2						
Shaunavon, Union	96	13.3	55	41	3	5.7	3	1	3	1	11	4	5	6	2	2	3	5						
Smeaton, W.M.S.	53	29.3	26	27	4	4.2	2	2	2	2	6	2	9	2	1	1	8	17						
Swift Current, General	220	19.3	113	108	9	4.1	3	19	9	9	19	2	24	21	19	3	3	16						
Tisdale, St. Therese	168	10.6	100	68	4	2.4	6	5	19	4	33	1	24	21	19	3	3	16						
Unity, Union	73	11.5	37	36	4	5.5	5	19	4	35	2	17	2	4	2	2	1	6						
Vanguard, Union	31	14.0	12	19	3	2.1	17	7	2	2	7	2	1	1	2	2	1	7						
Wadena, Union	153	13.7	62	84	3	2.1	17	7	2	1	13	20	7	13	8	3	3	7						
Wakaw, Anna Turnbull	133	26.6	66	65	9	6.9	2	6	9	9	8	3	1	2	1	1	1	11						
Watrous, Manitou	19	7.6	9	10	1	5.3	1	2	1	1	2	2	3	1	3	2	2	4						
Weyburn, General	106	14.2	58	48	4	3.8	1	4	16	1	19	6	2	4	10	4	4	6						
Wilkie, Union	91	26.4	40	51	3	3.3	7	3	3	6	6	1	2	1	2	1	2	2						
Whitehead, Community	39	12.9	18	21	2	5.1	2	9	9	7	7	1	2	9	9	1	1	7						
Yorkton, Queen Victoria	268	11.9	119	144	4	1.5	5	11	31	17	45	14	5	13	5	10	6	30						
RED CROSS OUTPOSTS—																								
Bracken	33	17.2	15	18	1	1.7	1	4	1	8	1	1	1	2	2	2	2	1						
Carragana	60	39.2	34	26	1	1.7	1	4	1	5	5	1	1	1	1	1	1	1						
Dinsmore	22	20.6	14	10	1	1	1	1	1	2	2	1	1	1	1	1	1	1						
Endeavour	20	40.0	8	11	1	0.7	10	2	2	4	4	11	1	1	1	1	1	9						
Loon Lake	137	22.6	75	62	1	1	10	2	2	3	3	1	1	1	1	1	1	9						
Lucky Lake	22	19.1	12	11	1	4.3	1	2	3	3	3	2	3	2	3	2	3	3						
Paddockwood	37	27.4	24	12	1	2.8	1	1	1	3	3	1	1	1	1	1	1	3						
Pierceland	20	18.2	12	8	3	15.0	1	1	1	3	3	1	1	1	1	1	1	3						
Rockglen	26	42.6	13	12	1	4.0	1	1	1	6	6	1	1	1	1	1	1	3						
Tuberose	33	23.4	19	12	1	1	1	1	1	6	6	1	1	1	1	1	1	3						
Regina Junior Red Cross									8															
Totals	8,879	12.6	4,417	4,406	15	.17	226	2.6	143	607	546	262	147	71	991	78	1,746	398	621	539	318	1,350	295	579

H. TABLE V.—MISCELLANEOUS INFORMATION RE HOSPITALS.

Hospitals	Out-patient service	No. of out-patients	Nurses training school	No. of nurses graduated during the year	Separate nurses' home	Nurses home bed capacity	Laundry done in hospital, or sent out	Liability insurance	Sec. Treas. bonded	Pasteurized milk supply	Water supply tested bacteriologically periodically	Day Rate Services		
												Private rooms	Semi-private rooms	Public wards
Arcola, Brock Union	....	....	....	....	No	6	In	Yes	Yes	No	Yes	\$4.00	\$2.50 to 3.00	\$2.00 to 2.50
Assiniboia, Union	....	....	....	....	Yes	....	In	Yes	Yes	No	Yes	3.50 to 4.50	3.00 to 4.00	2.50 to 3.50
Bengough, Municipal	....	....	....	....	No	....	In	No	Yes	No	Yes	....	....	2.25
Bienfait, Community	....	....	....	....	Yes	5	In	Yes	Yes	No	Yes	3.00	2.50	2.50
Biggar, St. Margaret's	Yes	18	....	....	Yes	....	In	No	No	No	Yes	3.00 to 5.00	3.00 to 3.50	2.50
Birch Hills, General	Yes	64	....	....	No	....	In	No	No	No	Yes	4.00	3.50	2.50
Broadview, St. Michael's	Yes	168	....	....	No	....	In	No	No	No	Yes	3.00 to 3.75	2.00 to 2.50	....
Cabri, Union	Yes	713	....	....	Yes	5	In	Yes	No	No	Yes	3.00 to 3.50	3.00 to 3.50	2.50 to 3.00
Canora, Hugh Waddell Memorial	Yes	80	....	....	No	19	In	Yes	No	No	Yes	4.00 to 5.00	3.00 to 3.50	2.00 to 2.50
Carrot River, Mitchell Memorial	....	....	....	....	Yes	....	In	Yes	No	No	Yes	3.00 to 4.00	2.50	1.50 to 2.00
Cudworth, St. Michael's	....	....	....	....	No	8	In	No	No	No	Yes	....	....	2.00
Central Butte, Victorian	....	....	....	....	No	....	Out	No	Yes	No	No	3.50	2.50 to 3.00	1.50 to 2.50
Davidson, Union	....	....	....	....	No	....	Out	No	Yes	No	Yes	4.00 to 5.00	....	....
Doddsland, Community	....	....	....	....	No	....	In	No	Yes	No	Yes	....	....	2.20
Eatonia, Union	....	....	....	....	No	....	In	Yes	No	No	Yes	....	....	1.50 to 2.00
Edam, Lady Minto	....	....	....	....	No	....	In	No	No	No	Yes	....	....	....
Elrose, Community	Yes	9	....	....	No	....	In	No	No	No	Yes	....	....	....
Estevan, St. Joseph's	....	....	....	....	No	....	In	Yes	Yes	No	Yes	3.50 to 5.00	3.00	2.50
Eston, Union	Yes	146	....	....	Yes	6	In	Yes	Yes	No	Yes	1.75 to 2.50	1.25 to 2.00	2.50 to 2.00
Foam Lake, Foam Lake	Yes	220	....	....	No	....	In	No	Yes	No	No	3.50	....	2.50
Frontier, Community	....	....	....	....	No	....	In	No	No	No	Yes	....	....	2.50
Gravelbourg, St. Joseph's	....	....	....	....	No	....	In	No	Yes	No	Yes	3.50 to 4.00	3.00	2.50
Gull Lake, Union	Yes	126	....	....	Yes	4	In	Yes	Yes	No	Yes	3.50 to 5.00	3.00 to 4.00	2.50 to 3.50
Hafford, Hafford	Yes	11	....	....	Yes	7	In	Yes	No	No	Yes	3.00	2.50	2.50
Humboldt, St. Elizabeth's	Yes	1,291	....	12	Yes	28	In	No	No	No	Yes	3.00 to 4.00	2.50	1.50 to 2.00
Herbert, Community	....	....	....	....	No	....	In	Yes	Yes	No	Yes	....	....	2.50
Ile a la Crosse, St. Joseph's	Yes	18	....	....	No	....	In	No	No	No	Yes	....	....	2.00 to 2.50
Indian Head, Union	....	....	....	....	Yes	5	In	Yes	Yes	No	Yes	4.00	3.00	2.00 to 2.50
Kamsack, King Edward	....	....	....	....	Yes	4	In	Yes	No	No	Yes	3.00 to 3.50	3.00	2.50
Kelvington, Union	Yes	196	....	....	Yes	6	In	Yes	Yes	No	Yes	3.50	2.50	2.50
Kerrobert, Union	Yes	53	....	....	No	....	Out	Yes	Yes	No	Yes	3.50 to 4.00	2.50 to 3.00	1.50 to 2.00
Kincaid, Community	....	....	....	....	Yes	3	In	No	No	No	Yes	....	....	2.50
Kindersley, Union	....	....	....	....	Yes	9	In	Yes	Yes	No	Yes	3.50	2.25 to 2.50	....
Lampman, Union	....	....	....	....	Yes	....	In	No	Yes	No	Yes	....	....	2.00
Lashburn, Union	Yes	32	....	....	Yes	10	In	Yes	Yes	No	Yes	3.00	....	2.00
Leader, Leader Town	....	....	....	....	No	....	In	No	Yes	No	Yes	3.50	....	2.50
Lestock, St. Joseph's	Yes	51	....	....	No	....	In	No	Yes	No	Yes	....	....	2.50
Lloydminster, Union	....	....	....	....	Yes	16	In	No	No	No	Yes	2.25 to 3.00	2.00 to 2.75	1.75 to 2.50
Macklin, St. Joseph's	....	....	....	....	Yes	....	In	Yes	Yes	No	Yes	3.00 to 4.00	2.50 to 3.00	2.00 to 2.50
Maple Creek, General	Yes	13	....	....	No	....	In	No	No	No	Yes	....	....	2.50
Meadow Lake, Meadow Lake	Yes	160	....	....	Yes	14	Out	Yes	No	No	Yes	2.50	3.00	2.50
	....	....	....	....	Yes	5	In	No	Yes	No	Yes	....	....	2.50

H. TABLE VI.—COSTS AND EARNINGS PER PATIENT PER DAY.

Hospital	Net patient days	Operating expenses	Cost per patient per day	Operating revenue	Earnings per patient per day
Arcola	3,000	\$ 7,911.63	\$2.64	\$ 12,892.86	\$4.29
Assiniboia	5,635	13,750.16	2.44	22,657.93	4.02
Bengough	1,590	3,668.77	2.31	4,006.76	2.52
Bienfait	2,599	6,602.27	2.54	8,156.30	3.14
Biggar	5,132	10,925.48	2.13	22,856.34	4.45
Birch Hills	2,774	6,545.27	2.35	8,284.56	2.98
Broadview	2,770	6,374.02	2.30	7,808.27	2.82
Cabri	6,387	17,645.80	2.76	20,533.91	3.21
Canora	8,608	23,906.50	2.78	24,638.38	2.86
Carrot River	971	2,920.94	3.01	3,561.20	3.66
Cudworth	4,366	11,267.12	2.58	12,051.44	2.76
Central Butte	1,354	3,068.40	2.27	3,257.09	2.40
Davidson	1,780	7,191.73	4.04	6,134.30	3.44
Dodsland	3,208	7,941.20	2.47	10,096.08	3.15
Eatonia	2,216	7,286.86	3.29	6,926.60	3.12
Edam	3,341	9,081.05	2.72	10,340.89	3.09
Elrose	1,065	3,268.73	3.07	3,582.50	3.36
Estevan	6,237	17,332.29	2.78	27,198.67	4.36
Eston	7,459	19,477.91	2.61	18,809.85	2.52
Foam Lake	2,397	6,557.63	2.73	6,564.95	2.73
Frontier	1,001	3,114.32	3.11	3,454.80	3.45
Gravelbourg	10,210	31,905.79	3.12	28,350.13	2.77
Gull Lake	3,823	10,937.49	2.86	12,355.00	3.23
Hafford	2,593	14,909.32	5.75	16,799.97	6.48
Humboldt	15,160	54,590.09	3.60	52,615.33	3.47
Herbert	1,953	5,808.80	2.97	7,494.29	3.84
Ile a la Crosse	3,422	13,297.41	3.88	10,021.77	2.93
Indian Head	4,965	16,127.78	3.25	18,190.01	3.66
Kamsack	5,126	11,040.10	2.15	16,274.45	3.17
Kelvington	2,914	8,176.36	2.80	8,863.08	3.04
Kerrobert	5,165	13,957.64	2.70	13,737.58	2.65
Kincaid	2,295	5,246.45	2.29	6,105.45	2.66
Kindersley	8,140	24,655.52	3.03	29,672.88	3.64
Lampman	3,102	6,775.59	2.18	8,442.01	2.72
Lashburn	7,443	17,734.21	2.38	20,393.65	2.74
Leader	2,440	7,531.96	3.09	10,699.18	4.38
Lestock	1,956	6,708.80	3.43	6,891.70	3.52
Lloydminster	19,077	38,847.19	2.04	46,659.05	2.44
Macklin	8,301	18,092.33	2.18	17,848.61	2.15
Maple Creek	6,140	21,041.43	3.43	23,534.70	3.83
Meadow Lake	8,707	13,509.23	1.55	19,763.79	2.27
Melfort	9,461	21,960.07	2.32	27,006.76	2.85
Melville	3,509	7,432.31	2.12	12,373.31	3.53
Milden	2,575	6,162.93	2.39	7,266.72	2.82
Moose Jaw, General	47,298	111,709.37	2.36	128,969.73	2.75
Moose Jaw, Providence	25,717	71,405.28	2.78	63,233.06	2.46
Moosomin	3,555	9,816.02	2.76	11,028.04	3.10
Nipawin	4,817	7,806.24	1.62	9,382.55	1.95
Nokomis	1,536	3,346.06	2.18	4,317.16	2.81
North Battleford	17,643	48,706.24	2.76	46,182.36	2.62
Oxbow	2,197	6,316.84	2.87	8,859.52	4.03
Ponteix	2,221	9,389.66	4.23	7,525.59	3.39
Prince Albert, Holy Family	31,375	95,772.23	3.05	129,745.74	4.13
Prince Albert, Victoria	21,750	56,514.95	2.60	74,995.69	3.45
Rabbit Lake	3,771	7,339.89	1.95	9,838.10	2.60
Regina, General	86,354	349,505.51	4.05	363,297.92	4.21
Regina, Grey Nuns	70,076	182,294.74	2.60	201,903.19	2.88
Rosetown	12,929	34,105.24	2.64	45,590.54	3.53
Rose Valley	4,972	9,181.63	1.85	13,044.24	2.62

H. TABLE VI.—COSTS AND EARNINGS PER PATIENT PER DAY.—Continued

Hospital	Net patient days	Operating expenses	Cost per patient per day	Operating revenue	Earnings per patient per day
Rouleau	828	2,130.45	2.57	2,175.25	2.63
Rosthern	608	1,742.10	2.86	1,756.55	2.89
Saskatoon, City	85,573	283,134.32	3.31	279,512.65	3.27
Saskatoon, St. Paul's	45,244	174,831.58	3.86	134,269.54	2.97
Scott	2,024	4,096.18	2.02	5,203.84	2.57
Shaunavon	7,966	25,086.64	3.15	30,971.75	3.89
Smeaton	1,598	4,930.45	3.08	5,730.27	3.58
Swift Current	11,131	37,382.74	3.35	40,251.33	3.61
Tisdale	14,213	38,769.11	2.73	39,054.40	2.75
Unity	6,593	14,272.29	2.16	17,968.49	2.72
Vanguard	1,875	6,919.81	3.69	7,268.65	3.87
Wadena	13,307	23,865.78	1.78	25,079.21	1.88
Wakaw	4,520	8,430.16	1.86	8,692.50	1.92
Watrous	1,574	11,500.04	7.31	11,876.54	7.54
Weyburn	8,684	23,805.81	2.74	33,286.93	3.83
Wilkie	3,036	9,003.52	2.96	12,955.51	4.27
Whitewood	2,858	6,917.50	2.42	9,830.03	3.44
Yorkton	20,459	65,539.02	3.20	67,801.62	3.31
Totals	781,669	\$2,317,754.28	2.95	\$2,516,771.59	3.22

FOOTNOTE—

Net patient days is arrived at by taking the total adult days plus one-quarter of the newborn days.

Operating expenses is the actual cost of operating the hospital and does not include depreciation or repairs to buildings, rents or interest charges.

Operating revenue includes revenue received from patients' fees as well as provincial and municipal grants.

Cost per patient per day. This figure is not comparable with the "cost per patient" shown in previous annual reports since the total patient days, including newborns, was formerly used in making this computation.

H. TABLE VII.—STATEMENT OF REVENUE AND EXPENDITURE.

Hospital	Total Revenue	Total Expenditure	Net Profit	Net Loss
Arcola	\$ 13,022.46	\$ 9,440.71	\$3,581.75	\$
Assiniboia	22,657.93	20,235.23	2,422.70	.....
Bengough	4,006.76	3,668.77	337.99	.....
Bienfait	8,291.74	7,337.95	953.79	.....
Biggar	23,206.34	17,102.44	6,103.90	.....
Birch Hills	8,284.56	6,915.27	1,369.29	.....
Broadview	8,250.27	6,908.53	1,341.74	.....
Cabri	24,761.78	22,841.44	1,920.34	.....
Canora	29,508.13	25,609.54	3,898.59	.....
Carrot River	3,561.20	3,361.98	199.22	.....
Cudworth	16,738.76	13,696.58	3,042.18	.....
Central Butte	3,922.66	3,272.38	650.28	.....
Davidson	6,134.30	7,757.78	.....	1,623.48
Doddsland	10,996.86	7,941.20	3,055.66	.....
Eatonia	6,986.60	8,411.68	.....	1,425.08
Edam	10,398.79	9,179.22	1,219.57	.....
Elrose	3,582.50	3,268.73	313.77	.....
Estevan	34,937.22	23,805.66	11,131.56	.....
Eston	19,130.85	21,425.70	.....	2,294.85
Foam Lake	8,232.30	7,768.58	463.72	.....
Frontier	3,842.80	3,670.02	172.78	.....
Gravelbourg	28,384.98	35,843.51	.....	7,458.53
Gull Lake	12,552.62	11,585.58	967.04	.....
Hafford	17,528.75	15,174.58	2,354.17	.....
Humboldt	73,807.69	67,589.74	6,217.95	.....
Herbert	7,589.95	6,502.42	1,087.53	.....
Ile a la Crosse	10,021.77	13,809.99	.....	3,788.15
Indian Head	18,440.75	16,627.78	1,812.97	.....
Kamsack	16,274.45	15,091.35	1,183.10	.....
Kelvington	10,223.38	10,124.67	99.21	.....
Kerrobert	13,737.58	15,484.19	.....	1,746.61
Kincaid	6,110.45	5,878.45	232.00	.....
Kindersley	31,530.10	28,137.59	3,392.51	.....
Lampman	8,854.98	8,106.29	748.69	.....
Lashburn	21,493.37	19,858.86	1,634.51	.....
Leader	12,352.27	8,110.62	4,241.65	.....
Lestock	6,891.70	7,387.15	.....	495.45
Lloydminster	48,947.92	47,898.35	1,049.57	.....
Macklin	27,750.17	27,070.96	679.21	.....
Maple Creek	23,646.03	22,332.28	1,313.75	.....
Meadow Lake	19,879.06	13,984.23	5,894.83	.....
Melfort	29,171.61	25,904.83	3,266.78	.....
Melville	12,373.31	7,834.36	4,538.95	.....
Milden	9,744.98	8,751.90	993.08	.....
Moose Jaw, General	128,969.73	113,864.19	15,105.54	.....
Moose Jaw, Providence	77,418.75	84,912.83	.....	7,494.08
Moosomin	11,470.02	11,532.95	.....	62.93
Nipawin	9,382.55	8,432.77	949.78	.....
Nokomis	4,538.91	4,069.69	469.22	.....
North Battleford	48,189.94	58,165.84	.....	9,975.90
Oxbow	8,960.82	6,792.40	2,168.42	.....
Ponteix	13,903.42	17,579.56	.....	3,676.14
Prince Albert, Holy Family	162,577.76	106,120.80	56,456.96	.....
Prince Albert, Victoria	75,785.41	78,337.00	.....	2,551.59
Rabbit Lake	9,873.10	7,763.24	2,109.86	.....
Regina, General	363,297.92	357,404.04	5,893.88	.....
Regina, Grey Nuns	205,702.02	202,839.61	2,862.41	.....
Rosetown	51,185.31	40,185.31	11,000.00	.....
Rose Valley	13,702.45	12,119.47	1,582.98	.....
Rouleau	2,175.25	2,274.45	.....	99.20
Rosthern	3,569.80	1,749.25	1,820.55	.....
Saskatoon, City	279,512.65	352,512.65	.....	73,000.00

H. TABLE VII.—STATEMENT OF REVENUE AND EXPENDITURE—Continued

Hospital	Total Revenue	Total Expenditure	Net Profit	Net Loss
Saskatoon, St. Paul's.....	136,959.66	206,888.65	.....	69,928.99
Scott	5,203.84	4,363.91	839.93	.....
Shaunavon	31,596.75	27,949.22	3,647.53	.....
Smeaton	5,822.97	4,962.39	860.58	.....
Swift Current	40,366.73	37,586.73	2,780.00	.....
Tisdale	50,809.72	47,560.57	3,249.15	.....
Unity	27,236.92	22,988.98	4,247.94	.....
Vanguard	7,407.30	7,687.21	.....	279.91
Wadena	25,259.21	26,480.54	.....	1,221.33
Wakaw	9,686.25	8,677.39	1,008.86	.....
Watrous	11,876.54	12,668.33	.....	791.79
Weyburn	33,357.56	34,678.54	.....	1,320.98
Wilkie	12,955.51	11,558.07	1,397.44	.....
Whitewood	9,830.03	8,962.68	867.35	.....
Yorkton	68,305.47	69,475.54	.....	1,170.07
Totals	\$2,684,653.45	\$2,671,853.87		

H. TABLE VIII.—DETAILED STATEMENT OF EXPENDITURE.

Hospital	Salaries and wages	Supplies	Purchased services	Insurance, interest, exchange, miscellaneous	Equipment, depreciation and repairs	Buildings, depreciation and repairs	Interest on bonds, debentures and mortgages	Taxes, rent, fire insurance, miscellaneous	Total expenditure
Arcola	\$ 3,356.60	\$ 3,207.28	\$ 684.80	\$ 234.73	\$ 428.22	\$ 561.97	\$ 905.61	\$ 61.50	\$ 9,440.71
Assiniboia	5,031.90	5,531.05	1,041.21	381.92	1,754.08	2,112.19	4,331.88	41.00	20,235.23
Bengough	1,627.40	1,365.91	275.46	.....	400.00	.....	.....	.....	3,668.77
Bienfait	3,111.80	1,952.90	1,066.08	172.46	299.03	578.91	.....	156.77	7,337.95
Biggar	2,849.10	4,158.91	574.13	43.34	3,300.00	5,031.76	660.00	485.20	17,102.44
Birch Hills	2,697.12	2,805.68	676.31	60.56	305.60	.....	.....	370.00	6,915.27
Broadview	2,375.94	3,145.25	414.51	204.21	234.11	483.03	51.48	.....	6,908.53
Cabri	5,773.90	8,316.79	1,704.55	97.44	1,753.12	1,591.74	1,540.37	2,063.53	22,841.44
Canora	9,348.02	11,867.68	1,595.27	283.28	812.25	1,378.32	.....	324.72	25,609.54
Carrot River	1,596.35	1,091.23	163.36	.....	70.00	441.04	.....	.....	3,361.98
Cudworth	4,930.80	4,748.26	844.45	79.80	663.81	1,092.12	1,213.46	123.88	13,696.58
Central Butte	1,364.50	1,481.63	218.32	3.95	.....	167.08	.....	36.90	3,272.38
Davidson	2,889.30	2,667.64	1,272.53	171.80	190.46	497.65	.....	68.40	7,757.78
Doddsland	3,376.30	3,425.51	63.10	307.65	768.64	.....	.....	.....	7,941.20
Eatonia	3,457.14	2,567.40	448.85	29.00	784.47	1,059.49	.....	65.33	8,411.68
Edam	3,667.81	4,312.74	205.54	122.26	772.70	98.17	.....	.....	9,179.22
Elrose	1,476.00	1,568.70	224.03	.....	.....	.....	.....	.....	3,268.73
Estevan	7,907.19	5,982.24	1,005.69	118.92	2,318.25	2,003.47	4,398.90	71.00	23,805.66
Eston	8,735.72	7,327.14	1,790.53	637.44	987.08	1,631.26	.....	316.53	21,425.70
Foam Lake	2,507.50	2,593.63	273.06	87.22	1,096.22	857.95	.....	353.00	7,768.58
Frontier	1,408.60	1,353.60	255.62	21.50	75.00	522.65	.....	33.05	3,670.02
Gravelbourg	14,950.30	8,051.08	2,299.71	4,391.44	2,313.26	3,392.83	.....	544.89	35,943.51
Gull Lake	4,304.65	4,153.85	1,553.79	183.69	741.51	419.18	.....	228.91	11,585.58
Hafford	7,949.93	4,374.01	2,225.09	.....	360.29	217.26	.....	48.00	15,174.58
Herbert	2,464.50	2,693.37	423.53	67.16	160.24	441.49	.....	86.59	6,502.42
Humboldt	23,704.49	26,217.62	3,710.26	.....	2,691.03	5,769.01	165.54	981.81	67,589.74
Ile a la Crosse	5,289.90	4,943.91	2,702.75	170.85	190.00	512.51	.....	.....	13,809.92
Indian Head	6,695.95	5,828.40	1,052.50	518.93	2,032.00	500.00	.....	.....	16,627.78
Kamsack	3,870.75	6,272.59	267.93	84.69	544.14	.....	.....	4,051.25	15,091.35
Kelvington	3,206.40	3,690.77	917.76	151.87	209.56	633.46	1,229.74	85.11	10,124.67
Kerrobert	5,122.93	6,763.49	497.26	359.35	1,214.62	1,526.55	.....	.....	15,484.19

Kincaid	2,443.40	167.74	2.40	225.74	100.00	532.00	5,878.45
Kindersley	11,590.44	737.26	373.40	1,587.50	1,256.31	483.52	28,137.59
Lampman	2,744.25	886.73	79.63	367.15	1,244.16	52.75	8,106.29
Lashburn	8,666.40	445.15	782.86	1,124.99	2,065.33	59.32	19,858.86
Leader	3,231.30	655.85	62.04	314.81	78.66	500.00	8,110.62
Lestock	1,973.10	126.38	640.10	476.49	665.35	13.00	7,387.15
Lloydminster	18,462.90	2,280.90	343.45	997.29	4,375.71	3,907.75	47,898.35
Macklin	6,376.74	1,537.96	163.90	2,515.09	4,067.63	615.24	27,070.96
Maple Creek	7,534.00	2,957.36	526.91	1,171.89	1,290.85	.....	22,332.28
Meadow Lake	4,970.73	1,234.82	894.11	953.18	475.00	.....	13,984.23
Melfort	10,051.58	10,309.31	598.76	618.70	2,940.10	.....	25,904.83
Melville	3,555.15	3,451.97	15.00	.....	170.24	231.81	7,834.36
Mildren	2,465.02	361.89	501.25	138.19	.....	1,988.97	8,751.90
Moose Jaw, General	36,329.18	7,520.35	697.46	1,097.25	1,012.47	1,142.35	113,864.19
Moose Jaw, Providence	23,448.00	5,890.62	441.59	11,166.11	6,099.77	1,265.64	84,912.83
Moosomin	4,320.05	707.53	22.00	384.78	1,685.93	31.00	11,532.95
Nipawin	3,795.10	371.64	534.34	245.02	596.53	30.00	8,432.77
Nokomis	1,687.35	1,297.20	39.89	190.79	90.88	632.75	4,069.69
North Battleford	21,474.45	2,842.66	739.15	7,630.78	3,054.60	.....	58,165.84
Oxbow	2,179.08	250.68	216.26	401.59	297.50	178.06	6,792.40
Ponteix	3,477.60	566.28	10.00	2,051.26	2,719.90	5,470.00	17,579.56
Prince Albert, Holy Family	34,255.67	5,416.94	300.00	6,091.43	10,043.15	305.42	106,120.80
Prince Albert, Victoria	21,668.81	3,580.66	2,224.80	3,109.96	.....	20,259.60	78,337.00
Rabbit Lake	3,412.81	102.87	76.36	366.10	393.85	29.50	7,763.24
Regina, General	184,487.31	17,565.54	3,674.81	4,790.97	7,379.92	518.61	357,404.04
Regina, Grey Nuns	91,304.44	15,967.37	818.71	10,301.14	15,342.80	831.71	202,839.61
Rosetown	15,280.35	2,998.01	491.97	1,566.40	3,301.79	302.84	40,185.31
Rose Valley	3,156.02	1,166.10	110.53	974.76	1,610.54	464.74	12,119.47
Rouleau	948.50	966.55	.....	.....	.....	144.00	2,274.45
Rosthern	916.35	634.79	.....	38.01	.....	7.15	1,749.25
Saskatoon, City	123,729.17	21,555.34	1,532.39	9,386.65	9,268.89	18,549.98	352,512.65
Saskatoon, St. Paul's	71,505.93	11,056.51	7,983.18	13,241.25	16,277.71	14,900.00	206,888.65
Scott	2,726.05	70.51	.....	57.03	267.73	.....	4,363.91
Shaunavon	7,857.20	2,080.68	290.25	1,273.83	1,303.56	1,559.02	27,949.22
Smeaton	2,610.61	392.99	.46	115.55	.....	31.94	4,962.39
Swift Current	18,462.27	2,746.78	19.68	830.12	.....	203.99	37,586.73
Tisdale	11,580.00	4,410.87	293.60	2,605.00	5,208.86	3,250.00	47,560.57

H. TABLE VIII.—DETAILED STATEMENT OF EXPENDITURE—Continued.

Hospital	Salaries and wages	Supplies	Purchased services	Insurance, interest, exchange, miscellaneous	Equipment, depreciation and repairs	Buildings, depreciation and repairs	Interest on bonds, debentures and mortgages	Taxes, rent, fire insurance, miscellaneous	Total expenditure
Unity	5,500.19	4,950.09	2,848.69	279.37	693.95	149.16	3,055.16	5,512.37	22,988.98
Vanguard	2,222.35	2,400.28	1,161.87	.....	1,135.31	767.40	.....	.....	7,687.21
Wadena	10,813.88	9,825.07	1,418.64	632.70	1,175.49	930.12	.....	1,684.64	26,480.54
Wakaw	3,507.00	4,236.07	330.53	125.56	231.00	.....	.....	247.23	8,677.39
Watrous	5,611.40	3,734.35	1,257.30	217.73	679.26	364.10	.....	804.19	12,668.33
Weyburn	13,011.24	8,069.51	1,929.44	246.40	549.22	4,980.77	5,651.40	240.56	34,678.54
Wilkie	4,282.71	3,119.18	665.07	251.25	685.31	1,327.74	1,169.81	57.00	11,558.07
Whitewood	3,605.65	2,404.16	497.02	60.88	349.79	271.92	247.50	1,525.76	8,962.68
Yorkton	17,684.12	29,968.40	8,369.09	1,216.78	8,300.63	3,743.43	.....	193.09	69,475.54
Totals.....	\$997,964.64	\$987,092.06	\$168,869.69	\$37,527.37	\$129,576.61	\$150,741.45	\$118,308.02	\$81,774.03	\$2,671,853.87
Percentage of total expenditure	37.4%	36.9%	6.3%	1.4%	4.9%	5.6%	4.4%	3.1%	100%

H. TABLE IX.—DETAILED STATEMENT OF HOSPITAL REVENUE.

Hospital	Net earnings from patients	Government statutory grants	Government relief grants	Grants from municipalities	Donations and sundry earnings	Total earnings
Arcola	\$ 6,121.75	\$ 1,601.50	\$ 1,500.00	\$ 3,669.61	\$ 129.60	\$ 13,022.46
Assiniboia	14,134.88	3,140.50	2,200.00	3,095.05	87.50	22,657.93
Bengough	2,311.00	958.00	680.00	.....	57.76	4,006.76
Bienfait	6,182.30	1,527.50	446.50	.....	135.44	8,291.74
Biggar	15,689.84	5,643.00	1,400.00	.....	473.50	23,206.34
Birch Hills	4,624.40	1,701.50	680.00	1,020.00	258.66	8,284.56
Broadview	6,173.27	1,485.00	89.00	.....	503.00	8,250.27
Cabri	15,227.59	3,379.00	1,600.00	2,977.87	1,577.32	24,761.78
Canora	19,686.88	4,951.50	.....	.....	4,869.75	29,508.13
Carrot River	1,354.07	642.00	.....	.....	1,565.13	3,561.20
Cudworth	4,815.08	2,484.00	1,800.00	2,430.75	5,208.93	16,738.76
Central Butte	1,254.09	736.50	1,266.50	.....	665.57	3,922.66
Davidson	4,219.00	1,024.00	680.00	.....	221.30	6,134.30
Doddsland	8,280.58	1,815.50	.....	.....	900.78	10,996.86
Eatonia	4,834.85	1,230.00	861.75	.....	60.00	6,986.60
Edam	6,975.41	2,024.00	1,341.48	.....	57.90	10,398.79
Elrose	2,272.00	590.50	720.00	.....	.....	3,582.50
Estevan	18,147.67	3,524.50	3,126.50	2,400.00	7,738.55	34,937.22
Eston	14,587.85	3,960.00	.....	.....	583.00	19,130.85
Foam Lake	4,660.45	1,049.00	.....	600.00	1,922.85	8,232.30
Frontier	2,376.80	598.00	480.00	.....	388.00	3,842.80
Gravelbourg	17,794.13	5,496.00	4,892.00	.....	202.85	28,384.98
Gull Lake	8,163.00	2,193.00	1,960.00	.....	236.62	12,552.62
Hafford	9,031.21	1,448.50	2,091.10	.....	4,957.94	17,528.75
Humboldt	28,576.46	8,536.00	.....	11,088.50	25,606.73	73,807.69
Herbert	4,762.29	1,232.00	1,500.00	.....	95.66	7,589.95
Ile a la Crosse	45.50	1,865.00	4,806.00	.....	3,305.27	10,021.77
Indian Head	13,925.01	2,765.00	.....	1,500.00	250.74	18,440.75
Kamsack	12,307.18	2,733.50	.....	.....	1,233.77	16,274.45
Kelvington	7,089.43	1,624.50	.....	1,304.59	205.36	10,223.88
Kerrobert	10,103.88	2,687.50	946.20	.....	.....	13,737.58
Kincaid	3,837.95	1,467.50	800.00	.....	5.00	6,110.45

H. TABLE IX.—DETAILED STATEMENT OF HOSPITAL REVENUE—Continued.

Hospital	Net earnings from patients	Government statutory grants	Government relief grants	Grants from municipalities	Donations and sundry earnings	Total earnings
Kindersley	22,410.88	4,192.00	3,070.00	1,742.24	114.98	31,530.10
Lampman	3,677.01	1,685.00	3,080.00	.....	412.87	8,854.98
Lashburn	16,246.65	4,147.00	.....	1,000.00	99.72	21,493.37
Leader	8,359.98	1,449.75	760.00	.....	1,782.54	12,352.27
Lestock	5,173.75	1,556.50	.....	.....	161.45	6,891.70
Lloydminster	10,138.00	9,844.55	.....	25,966.50	2,998.87	48,947.92
Macklin	4,459.76	7,268.00	2,575.10	3,545.75	9,901.56	27,750.17
Maple Creek	17,000.45	3,485.50	2,800.00	.....	360.08	23,646.03
Meadow Lake	14,601.29	4,912.50	.....	250.00	115.27	19,879.06
Melfort	22,338.76	4,668.00	.....	.....	2,164.85	29,171.61
Melville	10,379.31	1,994.00	.....	.....	.....	12,373.31
Milden	4,227.22	1,609.00	1,430.50	.....	2,478.26	9,744.98
Moose Jaw, General	73,086.05	23,206.50	7,207.00	20,404.80	65.38	128,969.73
Moose Jaw, Providence	46,922.06	11,756.00	4,555.00	.....	14,185.69	77,418.75
Moosomin	7,045.54	1,909.50	23.00	2,050.00	441.98	11,470.02
Nipawin	6,464.05	2,918.50	.....	.....	.....	9,382.55
Nokomis	3,333.16	943.00	.....	.....	262.75	4,538.91
North Battleford	34,529.36	10,945.00	708.00	.....	2,007.58	48,189.94
Oxbow	4,457.41	1,333.00	1,500.00	1,569.11	101.30	8,960.82
Ponteix	4,339.09	1,450.50	1,736.00	.....	6,377.83	13,903.42
Prince Albert, Holy Family	102,980.50	16,446.00	5,987.30	4,331.94	32,832.02	162,577.76
Prince Albert, Victoria	63,182.19	11,813.50	.....	.....	789.72	75,785.41
Rabbit Lake	6,782.60	2,255.50	800.00	.....	35.00	9,873.10
Regina, General	296,888.67	47,872.50	5,199.00	.....	13,337.75	363,297.92
Regina, Grey Nuns	157,073.88	37,838.00	4,909.65	.....	5,880.49	205,702.02
Rosetown	38,525.04	7,053.00	14.50	5,231.10	361.67	51,185.31
Rose Valley	10,138.74	2,905.50	.....	.....	658.21	13,702.45
Rouleau	1,646.75	468.50	.....	60.00	.....	2,175.25
Rosthern	1,416.55	340.00	.....	.....	.....	1,813.25
Saskatoon, City	219,797.37	41,906.50	5,762.25	.....	12,046.53	279,512.65
Saskatoon, St. Paul's	103,700.17	24,109.50	5,044.39	.....	4,105.60	136,959.66
Scott	2,988.84	1,115.00	450.00	200.00	450.00	5,203.84

Shaunavon	23,333.25	4,438.50	3,200.00	.....	625.00	31,596.75
Smeaton	2,211.77	1,628.50	.....	.....	1,982.70	5,822.97
Swift Current	30,307.65	6,411.00	2,260.13	.....	1,387.95	40,366.73
Tisdale	30,263.15	7,774.00	.....	400.00	12,372.57	50,809.72
Unity	12,005.59	3,563.00	2,399.90	8,454.08	814.35	27,236.92
Vanguard	4,220.55	1,076.50	1,220.50	750.00	139.75	7,407.30
Wadena	10,723.95	7,217.50	.....	6,190.12	1,127.64	25,259.21
Wakaw	3,179.50	2,909.00	1,375.00	1,229.00	993.75	9,686.25
Watrous	9,458.04	1,538.00	880.50	.....	.....	11,876.54
Weyburn	25,404.93	4,882.00	3,000.00	.....	70.63	33,357.56
Wilkie	7,190.68	1,806.50	1,071.98	2,781.43	104.92	12,955.51
Whitewood	8,148.03	1,604.00	.....	.....	78.00	9,830.03
Yorkton	52,949.77	11,137.50	.....	.....	4,218.20	68,305.47
Totals	\$1,828,273.74	\$ 427,497.30	\$108,886.73	\$116,242.44	\$203,753.24	\$2,684,653.45
Percentage of total earnings	68.1%	15.9%	4.1%	4.3%	7.6%	100%

H. TABLE X.—GOVERNMENT GRANTS AND PAYMENTS TO HOSPITALS FOR THE FISCAL YEAR 1939-40.

Hospitals	Statutory grants	Relief grants	Hospitalization of indigents
Arcola	\$ 1,603.50	\$ 1,350.00	\$ 18.00
Assiniboia	3,140.50	1,375.00	1,030.45
Bengough	958.00	425.00	7.25
Bienfait	1,537.50		
Biggar	2,824.50	875.00	95.70
Birch Hills	1,701.50	425.00	307.40
Broadview	1,486.00	218.00	2.00
Cabri	3,375.50	1,000.00	76.60
Canora	4,951.50		712.00
Carrot River	642.00		422.00
Central Butte	770.00		42.25
Cudworth	2,484.00	750.00	
Davidson	1,024.00	425.00	9.80
Doddsland	1,812.00		
Eatonia	1,229.50	620.00	
Edam	2,024.00	1,185.00	261.10
Elrose	591.00		
Estevan, General	2,962.00	1,971.50	
Estevan, St. Joseph's	3,467.00	2,840.00	83.50
Eston	3,929.50		
Foam Lake	1,399.00		38.50
Frontier	599.00	300.00	276.70
Gravelbourg	5,435.00	3,224.50	381.40
Gull Lake	2,193.00	910.00	273.10
Hafford	1,448.50	750.00	659.15
Herbert	1,231.00	625.00	83.80
Humboldt	8,156.00	120.50	120.00
Ile a la Crosse	1,865.00		4,959.68
Indian Head	2,765.50	329.00	176.00
Kamsack	2,720.00		1,352.40
Kelvington	1,623.50		1,392.50
Kerrobert	2,685.50	650.00	
Kincaid	1,468.00	500.00	54.00
Kindersley	4,187.00	1,945.00	238.00
Kinistino	49.50		
Lampman	1,685.00	3,005.00	
Lashburn	4,147.00		
Leader	1,453.00	475.00	
Lestock	1,113.50		28.00
Lloydminster	4,526.00		140.00
Macklin	4,477.00	2,025.00	
Maple Creek	3,485.50	1,750.00	1,168.30
Meadow Lake	4,912.50		13,309.00
Melfort	4,668.00		22.00
Melville	1,998.00		182.50
Milden	1,434.00	571.50	
Moose Jaw, General	23,199.00	6,019.50	3,866.50
Moose Jaw, Providence	11,556.00	3,221.50	4,875.25
Moosomin	1,909.50	27.50	
Nipawin	2,918.50		2,517.50
Nokomis	873.00	65.00	8.00
North Battleford, Isolation	199.00		40.00
North Battleford, Notre Dame	9,775.50	2,210.00	5,888.95
Oxbow	1,333.00	1,500.00	
Ponteix	1,292.00	940.00	84.00
Prince Albert, Holy Family	16,446.00	2,134.00	17,299.76
Prince Albert, Victoria	11,813.50	2,559.00	11,023.99
Rabbit Lake	2,255.50	500.00	2,865.00
Regina, General	41,254.50	4,225.50	20,624.50
Regina, Grey Nuns	37,788.50	9,647.00	10,311.95
Rosetown	7,052.00	16.50	229.00

H. TABLE X.—GOVERNMENT GRANTS AND PAYMENTS TO HOSPITALS FOR THE FISCAL YEAR 1939-40—Continued.

Hospitals	Statutory grants	Relief grants	Hospitalization of indigents
Rose Valley	2,905.00	.....	2,019.25
Rosthern	340.00	.....	.....
Rouleau	405.00	200.00	9.00
Saskatoon, City	41,909.50	5,351.50	12,996.58
Saskatoon, St. Paul's	24,099.00	4,479.00	5,517.48
Scott	1,115.00	450.00	.....
Shaunavon	4,426.50	2,000.00	1,514.23
Smeaton	998.00	.....	996.25
Swift Current	6,426.50	2,000.00	711.80
Tisdale	7,769.00	.....	6,514.50
Unity	3,563.50	1,812.00	.....
Vanguard	1,074.00	1,170.00	.....
Wadena	7,217.50	.....	179.50
Wakaw	2,770.00	625.00	.....
Watrous	1,544.00	516.00	58.50
Weyburn	4,882.50	3,000.00	304.00
Whitewood	1,608.50	.....	.....
Wilkie	1,807.00	1,595.00	34.00
Yorkton	11,136.00	.....	252.75
Red Cross Outposts	8,705.50	1,308.82	9,994.94
Junior Red Cross Hospital	3,261.50	29.50	.....
Fort Qu'Appelle Sanatorium	129,667.00	.....	.....
Prince Albert Sanatorium	96,253.00	.....	.....
Saskatoon Sanatorium	70,793.00	.....	.....
Totals	\$718,580.50	\$88,242.32	\$148,659.96

REPORT ON THE TUBERCULOSIS SANATORIA
Operated by the Saskatchewan Anti-Tuberculosis League

SCHEDULE 1—BED CAPACITY AND MOVEMENT OF PATIENTS.

	Fort San	Saskatoon	Prince Albert
Bed capacity	318	260	165
Patients in hospital Jan. 1, 1939	357	241	168
Admissions during year	3,370	1,366	3,647
Total under care during year	3,727	1,607	3,815
Discharges during year	3,362	1,319	3,611
Deaths during year	35	33	22
Patients in hospital Dec. 31, 1939	330	255	182
Total hospital days	129,667	70,793	96,253
Average number of patients daily	327	194	260

This statement includes surplus tuberculosis patients cared for in outside hospitals at the expense of the S.A.T.L. The average length of treatment for active tuberculosis cases was 12.1 months.

SCHEDULE 2—SANATORIA STAFF AND CLINICAL SERVICES.

	Fort San	Saskatoon	Prince Albert
Salaried doctors	5	4	4
Graduate and post graduate nurses	24	21	19
Assistant nurses	32	16	20
Dietitians	1	1	1
Orderlies	18	11	13
X-ray technicians	3	2	2
Laboratory technicians	3	3	2
All other employees	84	35	45
Total staff	170	93	106
Laboratory examinations	17,382	15,353	9,039
X-ray examinations	9,861	7,311	4,096
Wassermann or Kahn tests	546	154	732

SCHEDULE 3—SUMMARY OF OPERATING COSTS FOR 1939.

	Fort San	Saskatoon	Pr. Albert	Total
Administration	\$ 15,327.55	\$ 9,045.99	\$ 11,310.23	\$ 35,683.77
Interest and discounts	14,475.10	8,171.39	11,285.32	33,931.81
Hospital	90,307.38	55,460.48	59,212.01	204,973.87
Dispensary	3,548.29	1,822.70	2,122.76	7,493.75
Laboratory	4,574.57	4,627.18	3,170.12	12,371.87
X-ray	10,676.28	8,389.46	2,854.46	21,920.20
Kitchen	60,358.94	34,022.46	41,104.88	135,486.28
Stewards	1,887.10	1,745.55	2,038.00	5,670.65
Housing	9,772.29	8,269.03	7,362.55	25,403.87
Maintenance of buildings	8,616.29	5,983.50	2,666.62	17,266.41
Power house	50,934.63	26,852.47	37,806.27	115,593.37
Laundry	11,848.77	6,500.93	5,448.63	23,798.33
Grounds	2,078.33	1,957.28	1,621.85	5,657.46
Garage	1,279.83	426.24	1,028.59	2,734.66
Stable	1,259.20	.....	.....	1,259.20
Red Cross Lodge	852.07	.....	.....	852.07
School grants	806.50	199.00	200.00	1,255.50
Staff insurance	1,514.58	845.35	1,162.36	3,522.29
Workmen's Compensa- tion reserve	860.00	480.00	660.00	2,000.00
Replacement reserve	4,300.00	2,400.00	3,300.00	10,000.00
Patients in other hos- pitals	25,421.00	8,150.00	1,000.00	34,571.00
Pneumo-thorax in other hospitals	1,955.50	.....	.....	1,955.50
Superannuation Fund Reserve	4,300.00	2,400.00	3,300.00	10,000.00
	\$326,948.20	\$187,749.01	\$198,654.65	\$713,351.86
Less: Canteen net profit (Cr.)	1,457.98 Cr.	.....	.....	1,457.98 Cr.
	\$325,490.22	\$187,749.01	\$198,654.65	\$711,893.88
No. of patient days...	129,667	70,793	96,253	296,713
Cost per patient per day	\$2.51	\$2.65	\$2.06	\$2.40

SCHEDULE 4—REVENUE STATEMENT FOR 1939.

	Fort San	Saskatoon	Pr. Albert	Total
Patients' fees	\$ 9,024.56	\$ 411.17	\$ 35,082.06	\$ 44,517.79
Government grants	129,667.00	70,793.00	96,253.00	296,713.00
Municipal levy, 1939 .....	.....	.....	.....	363,988.48
Surplus 1938 brought forward .....	.....	.....	.....	10,555.52
				\$715,774.79
Expenditures as above				\$711,893.88
				\$ 3,880.91
Surplus on year's operations				\$ 3,880.91

NORTH BATTLEFORD, SASK., *November 15, 1940.*

DR. R. O. DAVISON,
Deputy Minister of Public Health,
Regina, Sask.

SIR,—

I have the honour to enclose herewith the annual reports of the Saskatchewan Mental Hospital at Battleford, the Saskatchewan Mental Hospital at Weyburn, and the Psychopathic Ward, Regina, for the year ended April 30, 1940.

I particularly wish to point out to you that a number of improvements have been made in the various hospitals in a material way. These improvements have made it possible and very much easier to carry on the work in the interests of our patients.

To be more specific, changes have already been made in the Weyburn Hospital to accommodate the installation of an X-ray machine, physio-therapy machines, dental equipment, laboratory equipment, and, at the present time, plans and preparations are being made for similar changes in the Battleford Hospital. These up-to-date services are of inestimable value in the carrying on of the work of the hospitals. These improvements, at both hospitals, will have a very marked effect on the treatment and care of the patient, and on account of these services, there will be a shortening of the hospitalization period of the patient.

Outside of the actual work of the hospitals, the mental hygiene programme has been carried on by myself, as Commissioner of Mental Services, by means of lectures to different organizations throughout the province. Among the various organizations included in the lecture courses was the Royal Canadian Mounted Police Training School.

Requests for lectures or talks on mental hygiene throughout the province are becoming so numerous that it is becoming increasingly difficult to take care of all of them.

We will endeavour to carry out the mental hygiene programme, as it develops, as efficiently and expeditiously as the times and the financial circumstances of the province will permit.

I have the honour to be, Sir,

Your obedient servant,

J. W. MACNEILL, M.D.,
Commissioner of Mental Services.

The Mental Hospital, North Battleford

NORTH BATTLEFORD, SASK., *November 15, 1940.*

DR. R. O. DAVISON,
Deputy Minister of Public Health,
Regina, Sask.

SIR,—

I have the honour to submit to you the twenty-sixth annual report of the Saskatchewan Mental Hospital at North Battleford.

The work at this hospital has been carried on, and is being carried on this year, under very difficult conditions. The medical staff has been depleted to such an extent that it is with the greatest difficulty we can give the services that should be rendered to the patients. Dr. Avery left the hospital to join His Majesty's Forces. Dr. Bailey resigned to take a special course in London, England, and Dr. Salmond resigned to take a position elsewhere.

I am hoping that the medical staff will be increased so that the work may be adequately performed. I would like to take this opportunity of thanking the remaining medical staff for the faithfulness with which they are endeavouring to do a very difficult task.

A considerable depletion of our attendants' staff has taken place in this hospital, and will take place, because of the war situation; this is to be expected, and we would be disappointed if our young men did not accept the responsibility and the duty which the war imposes upon them. A large number of our staff has joined up, and a large number are still to be called and are trying to join the various units.

The response which the staff of this hospital has made in contributions to the Red Cross, Patriotic League, and every worth while cause in the interests of furthering the war effort, is one which should not be overlooked, and for which they should receive my thanks and the thanks of everybody concerned.

The health of the staff probably is as good as it has always been; in a community as large as this a number of the staff will always be laid off sick, but it is to be noted that no member of this staff absents himself from duty without the most legitimate reasons.

I wish to thank The Honourable the Minister of Public Health and yourself, as Deputy Minister of Public Health, for the sympathetic interest you have taken in the well-being of this hospital.

The work could not be carried on as it has been, if it were not for the interest and understanding which the Minister and yourself have shown at all times in our efforts for the alleviation of pain and suffering in this hospital.

I have the honour to be, Sir,

Your obedient servant,

J. W. MACNEILL, M.D.,
Superintendent.

TABLE NO. 1.—TOTAL ADMISSIONS—PSYCHOTICS.

Month	Admissions		Paroles		Deaths		Elopes-ments		Deport-ations		Trans-fers	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1939												
May	19	19	16	8	8	1	1	.....	.....	.....	.....	2
June	19	15	13	8	3	3	2	.....	.....	.....	.....	.....
July	24	12	11	11	3	2	.....	.....	.....	.....	.....	.....
August	12	13	17	13	6	.....	3	.....	.....	.....	.....	.....
September ..	20	8	16	9	5	3	1	.....	.....	.....	.....	.....
October	17	9	9	11	2	2	.....	.....	.....	.....	.....	.....
November ..	31	14	11	12	5	.....	.....	.....	.....	.....	.....	.....
December ..	22	23	14	12	3	3	.....	.....	.....	.....	1	.....
1940												
January	18	15	4	7	6	5	.....	.....	.....	.....	2	.....
February ..	16	7	3	9	5	.....	.....	.....	.....	.....	1	1
March	12	12	10	6	2	3	.....	.....	.....	.....	.....	.....
April	15	16	15	4	4	2	.....	.....	.....	.....	.....	.....
Total	225	163	139	110	52	24	7	.....	.....	.....	4	3
Grand total ..	388		249		76		7		.....		7	

TABLE NO. 2.—ADMISSIONS AND MOVEMENT OF PATIENTS.
COMPARATIVE STATEMENT.

Number on our register May 1, 1939	Male	Female	Total
	993	512	1,505
Admissions:	Male	Female	Total
First admission	165	120	285
Readmission	60	43	103
Total admissions	225	163	388
Total under our care during year	1,218	675	1,893
Discharged or Removed:	Male	Female	Total
Paroled	139	110	249
Died	52	24	76
Deported .....	.....	.....	.....
Eloped	7	.....	7
Transferred	4	3	7
Total removed from register during year	202	137	339
Total remaining on register April 30, 1940	1,016	538	1,554
Total admissions during the year			388
Total paroles during the year			249
Percentage of paroles of admissions			64.17%
Male admissions during the year			225
Male paroles during the year			139
Percentage of male paroles of admissions			61.77%
Female admissions during the year			163
Female paroles during the year			110
Percentage of female paroles of admissions			67.48%
Total number of cases treated during the year			1,893
Total number of deaths during the year			76
Percentage of deaths of cases under treatment			4.01%

TABLE NO. 3.—MOVEMENT OF PATIENTS—26 YEAR PERIOD.

	1914-15	1915-16	1916-17	1917-18	1918-19	1919-20	1920-21
Admissions	271	250	268	290	318	296	302
Paroles	97	100	123	122	160	168	134
Deaths	24	44	55	58	115	85	56
Deportations ..	20	12	6	7	4	5	7
Eloperments .....	.....	.....	2	4	4	6	11
Transfers	4	2	2	1	2	.....	1
Remaining on register	375	501	593	673	771	804	836

	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28
Admissions	321	188	200	234	246	257	260
Paroles	133	108	107	106	114	141	136
Deaths	50	35	38	38	43	62	58
Deportations ..	7	10	6	5	9	17	16
Eloperments	8	4	4	5	1	4	5
Transfers	457	1	1	9	2	1	.....
Remaining on register	932	598	628	672	742	818	851

	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35
Admissions	306	330	329	330	382	383	362
Paroles	150	177	154	175	165	183	199
Deaths	59	44	57	71	75	81	97
Deportations ..	25	28	29	21	22	12	8
Eloperments	8	22	15	12	14	10	8
Transfers .....	.....	2	68	.....	1	75	.....
Remaining on register	898	962	1,019	1,024	1,075	1,180	1,202

	1935-36	1936-37	1937-38	1938-39	1939-40
Admissions	432	390	373	390	388
Paroles	223	239	230	233	249
Deaths	102	75	91	88	76
Deportations ..	4	1	.....	1	.....
Eloperments	8	8	6	9	7
Transfers	4	3	3	4	7
Remaining on register	1,252	1,343	1,407	1,450	1,505

TABLE NO. 4.—AGE GROUPS.

Age Group	Admissions		Paroles		Deaths	
	M.	F.	M.	F.	M.	F.
10-19	13	11	9	7	1	....
20-29	55	40	43	27	4	2
30-39	42	33	32	26	5	4
40-49	34	31	17	28	6	....
50-59	45	28	25	19	14	3
60-69	26	12	9	3	11	9
70-79	8	6	3	....	8	4
80-89	2	2	1	....	3	2
90 and over .....	....	....	....	....	....	....
Totals	225	163	139	110	52	24
Grand total	388		249		76	

TABLE NO. 5.—DIAGNOSES.

Diagnoses	Male	Female
Psychoses with syphilitic meningo-encephalitis (general paresis)	11	....
Psychoses with epidemic encephalitis .....	....	1
Psychoses with other infectious diseases:		
With acute chorea (Sydenham's)	1	....
With other infectious disease (to be specified) .....	....	1
Post-infectious psychoses (infection to be specified)	1	....
Alcoholic psychoses:		
Acute hallucinosis	2	....
Other types (to be specified)	1	....
Traumatic psychoses:		
Other types (to be specified)	1	1
Psychoses with cerebral arteriosclerosis	30	18
Psychoses with other disturbances of the circulation:		
With cardio-renal disease .....	....	1
Psychoses with convulsive disorders (epilepsy):		
Epileptic deterioration	1	....
Other epileptic types	5	8
Senile psychoses:		
Simple deterioration	7	7
Depressed and agitated types	1	....
Paranoid types	3	....
Involutional psychoses:		
Melancholia	5	10
Paranoid types	2	....
Other types (to be specified)	1	3
Psychoses due to other metabolic, etc., diseases:		
With pellagra	1	....
With other somatic diseases (to be specified)	4	5
Psychoses due to new growth:		
With intracranial neoplasms	1	2
With other neoplasms (to be specified)	2	1
Psychoses associated with organic changes of the nervous system:		
With multiple sclerosis	1	....
With Huntington's chorea .....	....	2

TABLE No. 5.—DIAGNOSES—Continued.

Diagnoses	Male	Female
Psychoneuroses:		
Psychasthenia or compulsive states (and sub groups) ..	....	3
Neurasthenia .....	....	2
Reactive depression (simple situational reaction, others)	2	5
Anxiety state	1	1
Manic-depressive psychoses:		
Manic type	13	12
Depressive type	6	10
Mixed type	3	2
Other types .....	....	3
Dementia praecox (schizophrenia):		
Simple type	1	1
Hebephrenic type	33	22
Catatonic type	23	16
Paranoid type	21	7
Other types	4	....
Paranoia and paranoid conditions:		
Paranoid conditions	1	1
Psychoses with psychopathic personality	4	....
Psychoses with mental deficiency	4	1
Undiagnosed psychoses	6	7
Without psychoses:		
Epilepsy	4	1
Alcoholism	7	....
Drug addiction .....	....	1
Mental deficiency	8	7
Disorders of personality due to epidemic encephalitis ...	1	....
Psychopathic personality:		
With asocial or amoral trends	1	1
Mixed types	1	....
	225	163
	388	

TABLE No. 6.—NATIVITY OF ADMISSIONS.

Country	Male	Female	Country	Male	Female
Australia .....	....	1	Iceland	2	....
Austria	5	3	Ireland	1	1
Belgium	1	....	Italy .....	....	....
Canada	121	89	Norway	3	3
China	2	....	Poland	8	9
Czecho-Slovakia ..	2	....	Roumania .....	....	1
Denmark	3	1	Russia	12	4
England	19	14	Scotland	6	3
Finland .....	....	1	Sweden	5	....
France	1	....	Switzerland .....	....	....
Galicia	1	1	Ukraine	1	2
Germany	2	6	U.S.A.	26	18
Holland	2	1	Wales .....	....	1
Hungary	2	2	Not determined ...	....	2
	225	163			
	388				

TABLE NO. 7.—MILITARY PATIENTS ADMITTED.

No.	Nativity	Age	Social condition	Mental diagnosis
1	England	56	Married	Arteriosclerotic psychosis.
2	England	52	Single	Psychosis with cerebral arteriosclerosis.
3	England	43	Single	General paresis.
4	Canada	63	Married	Psychosis with cerebral arteriosclerosis.
5	England	78	Married	Senile psychosis.
6	Norway	56	Married	Post-traumatic psychosis.
7	Scotland	63	Single	Psychosis with cerebral arteriosclerosis.
8	Canada	43	Married	Schizophrenia, paranoid.
9	Canada	55	Married	Manic depressive psychosis, manic type.
10	Scotland	52	Single	Schizophrenia, paranoid.

Remaining in hospital on May 1, 1939	117
Number admitted during the year	10
Total	127
Number paroled during the year	5
Number died during the year	5
Number eloped during the year	1
Removed from the register during the year	— 11
Remaining in hospital on April 30, 1940	<u>116</u>

TABLE NO. 8.—RACIAL ORIGIN OF ADMISSIONS.

Race	Male	Female	Race	Male	Female
Austrian	3	3	Indian (N.A.)	2	4
Belgian	3	.....	Irish	15	14
Chinese	2	.....	Norwegian	9	8
Czecho-Slovakian ..	2	.....	Polish	5	6
Danish	3	1	Russian	13	8
Dutch	5	2	Scotch	28	18
English	42	37	Swedish	9	2
Finnish .....	.....	1	Swiss	1	1
French	23	7	Ukrainian	12	18
German	33	21	Welsh	1	1
Hungarian	2	2	Undetermined	9	9
Icelandic	3	.....		
				225	163
				388	

TABLE NO. 9.—DEATHS.

No.	Sex	Age	Immediate cause of death	Predisposition
1	M.	74	Chronic endocarditis and chronic myocarditis	General paralysis.
2	M.	60	Perforated duodenal ulcer with peritonitis. Valvular disease of the heart	
3	M.	69	Acute bronchopneumonia	Dementia præcox, paranoid. Psychosis associated with other brain or nervous disease — encephalitis lethargica.
4	M.	28	Pulmonary tuberculosis	Epilepsy with deterioration.
5	M.	57	Softening of the brain. Chronic myocarditis	Cerebral syphilis.
6	M.	36	Pulmonary tuberculosis. Chronic encephalitis (Parkinsonism)	Without psychosis — mental deficiency.
7	M.	45	Chronic endocarditis and chronic myocarditis	Dementia præcox.
8	M.	56	Chronic myocarditis. Bilateral empyema	Senile psychosis.
9	F.	68	Bronchopneumonia and acute parotitis. Chronic myocarditis and arteriosclerosis	
10	M.	76	Bronchopneumonia — following operation for volvulus of sigmoid colon	Dementia præcox, paranoid.
11	M.	62	Injury of cervical cord due to fracture of cervical vertebra	Psychosis with cerebral arteriosclerosis.
12	M.	60	Softening of the brain. Chronic endocarditis	Dementia præcox.
13	F.	36	Bronchopneumonia. Agitation of acute psychosis	Psychosis with cerebral arteriosclerosis.
14	F.	79	Hemorrhage of the brain	Birth trauma with epilepsy.
15	F.	58	Pulmonary tuberculosis	Psychosis with cerebral arteriosclerosis.
16	M.	33	Pulmonary tuberculosis	Psychosis associated with other somatic disease—tuberculosis.
17	M.	59	Miliary pulmonary tuberculosis	Mental deficiency—imbecile type.
18	F.	84	Chronic endocarditis	Schizophrenia.
19	F.	61	Bronchopneumonia	Senile psychosis.
20	M.	77	Thrombosis of coronary arteries	Cerebral arteriosclerosis.
21	M.	74	Mesenteric artery thrombosis	Arteriosclerotic psychosis.
22	M.	63	Myocardial degeneration	Psychosis associated with other somatic disease — cerebral hemorrhage.
23	M.	39	Pulmonary tuberculosis	Psychosis with cerebral arteriosclerosis.
24	M.	57	Chronic myocarditis. Cerebral syphilis	Dementia præcox—defective base.
25	M.	35	Chronic myocarditis	General paresis.
26	M.	85	Bronchopneumonia. Cerebral hemorrhage	Epilepsy with psychosis.
27	F.	61	Chronic myocarditis. Pulmonary tuberculosis	Arteriosclerotic psychosis.
28	M.	58	Chronic myocarditis	Idiot—Cretin type.
29	M.	59	Multiple pulmonary infarction. Chronic myocarditis and arteriosclerosis	Psychosis with cerebral arteriosclerosis.
30	F.	86	Cerebral hemorrhage and mesenteric infarction	Senile psychosis.
31	M.	68	Chronic endocarditis and myocarditis	Arteriosclerotic psychosis.
32	M.	68	Coronary thrombosis	Pre-senile psychosis.
33	M.	47	Paresis	General paresis.
34	F.	38	Intestinal obstruction due to adhesive bands. Chronic nephritis	Manic depressive psychosis — depressed type.

TABLE NO. 9.—DEATHS—Continued.

No.	Sex	Age	Immediate cause of death	Predisposition
35	F.	58	Coronary thrombosis	Dementia præcox—hebephrenic.
36	M.	25	Acute influenzal pneumonia	Schizophrenia—hebephrenic.
37	M.	56	Brain tumour	Psychosis associated with other somatic disease — cerebral arteriosclerosis.
38	F.	77	Acute cardiac dilatation. Carcinoma of the uterus	Psychosis with cardio-renal disease.
39	M.	54	Cerebral embolism. Arteriosclerosis. Tumour of the liver	Left open.
40	M.	74	Lobar pneumonia	Psychosis with cerebral arteriosclerosis.
41	M.	44	Miliary tuberculosis	Dementia præcox.
42	M.	22	Pulmonary tuberculosis	Epileptic psychosis.
43	M.	48	Chronic endocarditis and chronic myocarditis	Psychosis associated with other somatic disease — rheumatic disease.
44	M.	37	Miliary tuberculosis	Dementia præcox.
45	F.	62	Chronic myocarditis and chronic endocarditis	Psychosis with other somatic disease—chronic rheumatoid arthritis and chronic endocarditis and myocarditis.
46	M.	45	Acute dilatation of the heart	Manic depressive psychosis, depressed type.
47	M.	64	Lobar pneumonia	Psychosis with cerebral arteriosclerosis.
48	M.	67	Gangrene of the left lung. Chronic meningitis	Psychosis with other somatic disease—meningitis.
49	F.	34	Tumour of the brain (tuberculoma) and miliary tuberculosis	Brain tumour (tuberculoma).
50	M.	54	Lobar pneumonia—acute mania	Manic depressive psychosis — manic type.
51	M.	44	Pulmonary tuberculosis	Schizophrenia.
52	M.	55	Pulmonary tuberculosis and tuberculous enteritis	Dementia præcox—hebephrenic.
53	F.	75	Thrombo-phlebitis left iliac vein	Psychosis with cerebral arteriosclerosis.
54	M.	50	Coronary thrombosis	Psychosis with cerebral arteriosclerosis.
55	M.	71	Arteriosclerosis	Schizophrenia.
56	F.	48	General peritonitis. Carcinoma of the ascending colon	Dementia præcox.
57	M.	83	Chronic myocarditis and myocardial degeneration. General arteriosclerosis	Senile psychosis.
58	F.	66	Carcinoma of the thyroid gland	Dementia præcox, paranoid.
59	F.	61	Carcinoma of the stomach	G.P.I.
60	F.	85	Bronchopneumonia	Senile psychosis.
61	M.	56	Abscess of the brain	Brain tumour.
62	M.	22	Pulmonary tuberculosis	Schizophrenia—paranoid.
63	M.	51	Exhaustion of acute psychosis. Syphilitic encephalitis	Paresis.
64	M.	85	Acute cystitis. Chronic nephritis	Senile psychosis.
65	M.	55	Pulmonary and peritoneal tuberculosis	General paralysis.
66	M.	61	Lobar pneumonia. Chronic encephalitis lethargica	Encephalitis—Parkinson type.
67	M.	68	Chronic myocarditis and chronic endocarditis	Psychosis with cerebral arteriosclerosis.
68	F.	25	Infarcts in brain, lung, spleen, kidney, embolism from valve affected by bacterial endocarditis	Toxic psychosis complicating puerperal sepsis.
69	F.	25	Acute bronchitis. Acute encephalitis	Encephalitis.
70	F.	64	Bronchopneumonia. Chronic entero-colitis	Senile psychosis.

TABLE NO. 9.—DEATHS—Continued.

No.	Sex	Age	Immediate cause of death	Predisposition
71	M.	70	Acute pancreatitis	Senile psychosis.
72	M.	64	Arteriosclerosis of coronary arteries and arteries of the brain	Psychosis with cerebral arteriosclerosis.
73	M.	60	Pulmonary tuberculosis	Dementia præcox—paranoid.
74	F.	37	Typhoid fever	Dementia præcox.
75	F.	69	General arteriosclerosis	Psychosis with cerebral arteriosclerosis.
76	M.	28	Pulmonary tuberculosis	Without psychosis — mental deficiency.

TABLE NO. 10.—DENTAL DEPARTMENT.

The following is a report of the work done in the Dental Department of the Mental Hospital at Battleford during the fiscal year, May 1, 1939-April 30, 1940:

	Extractions	Prophylaxis	Treatments	Fillings	Plates repaired
Female	381	70	134	27	21
Male	646	108	114	38	8
Total	1,027	178	248	65	29

In addition seven (7) dentures were constructed for patients.

A great deal of the grosser oral infection has been eradicated and greater attention was given to oral prophylaxis and the result from a cosmetic as well as a health standpoint was gratifying; patients were aroused to take an interest in their oral health.

A large percentage of the new admissions, when examined, were found to have gross oral infection present, and in all cases this was eradicated as soon as possible.

INDUSTRIAL OCCUPATIONS.

1. Changed sterilizer from annex to new building.
2. Re-covered sterilizer and pipe lines.
3. Built cement floor—new sterilizer.
4. Built cement floor for garbage cans.
5. Built linen room 8a—put in extra doorway.
6. Cleaned 5a fan room and fixed same for heater.
7. Built under 8a verandah—put in cement walls and floor.
8. Put double windows, 1a and 1b toilet rooms.
9. Put 12 double windows on 2a and 2b wards.
10. Put double windows, 2a and 2b toilets.
11. Put double windows, 4a and 4b toilets.
12. Put double windows, 5a and 5b toilets.
13. Whitewashed sterilizer room.
14. Plastered both sides annex stairway—whitewashed same.
15. Whitewashed root cellar.
16. Put top on garbage wagon.
17. Built incinerator and put iron top on same.
18. Painted inside ward 5a.

19. Painted suites at apartment block.
20. Built room in basement of brick cottage.
21. Built three dining-room trucks and painted same.
22. Put up iron fence at incinerator.
23. Laid cement walk—sterilizing building and mattress shop.
24. Cement floor and wall—and built stairway and windows on ward 10b, north side.
25. Stone wall built in front of main building.
26. Enlarged toilet room in basement of brick cottage.
27. Built gates at irrigation project.
28. Built concrete pit to stop cattle at irrigation project.
29. Built cupboards linen room at irrigation project.
30. Fixed up bedroom for cook at irrigation project.
31. Built water tank for engine at irrigation—cooling system.
32. Put in priming tank.
33. Papered one of the cottages.
34. Put in cribbing and repaired sewer at septic tank.
35. Took out three softeners at power house—had to cut out wall and rebuild.
36. Dug up 600 ft. 4 inch pipe line from old pump station.
37. Built stone loading platform back of building.
38. Built fire door to top floor annex.
39. Built door and concrete tunnel root cellar.
40. Built new ventilators—new root cellar.
41. Laid a new floor in annex room—where the sterilizer was taken out.
42. Repapered Dr. Nelson's cottage.
43. Put in two large drain boxes—wards 8 and 10, north side.
44. Built new roof over 10a verandah, north side.
45. Built new steps and porch of concrete and brick under 8a verandah.
46. Build new roof 8a verandah, north side.
47. Built new roof 8a verandah, south side.
48. Took dirt off top of root cellar—re-tarred the roof and completed job.
49. Built new roof 10a verandah, south side.
50. Annex building—jacked up false roof—put in new supports before new roof was built.
51. Built new wall and doorway root cellar.
52. Built 300 ft. concrete frame greenhouse.
53. Re-roofed 7a verandah—filled with shavings—put new gutters.
54. Built shelving for vegetables—new root cellar.
55. Built grain bin—irrigation.
56. Fixed up old school—refloored same—papered and painted.
57. Built full basement under nurses' home.
58. Built kitchen and dining-room for caretaker—nurses' home.
59. Built three chicken houses—poultry farm.
60. Put in new pump at river.
61. Put old pump in different pump house—rewired so same could be controlled from power house.
62. Painted bakeshop and kitchen.
63. Repaired all the old wooden bins in root cellar.
64. Fixed up building at chicken farm.
65. Shingled the blacksmith's shop.
66. Built concrete steps at the curling rink.
67. Repairing wall at old school.
68. Put in doorway 1a basement (one doorway bricked up).
69. Put in concrete stairway back of nurses' home.
70. Built concrete tunnel for steam line for greenhouse frames—put in steam and return lines.
71. Built two porches back of nurses' home.
72. Painting chicken houses.
73. Putting in doorway 2a basement to make room for drugs being stored.
74. Seventy-two frames built for the green houses.
75. Twelve pig sheds at poultry farm.
76. Rebuilt soft water tank.
77. Painted milk room.
78. Trench dug for telephone cables and cables laid in concrete.
79. Built iron bread cupboard for annex.
80. Painted suite in apartment block.
81. Built iron poultry rack—chicken farm.
82. Shavings put in roof and side of nurses' home.
83. Repairing doorway 7a T.B. ward.

84. Overhauling steam trap in main building.
85. New floor laid in 2a sitting room.
86. Pump at irrigation taken out and sent away for repairs.
87. Rewired old root cellar.
88. Wired new basement under nurses' home.
89. Built doorway in roof of nurses' home.
90. Built two cupboards 2b ward.
91. Rebuilt chimney—brick cottage.
92. Rebuilt hoist 8a (T.B.).
93. Rebuilt hoist 7a (T.B.).
94. Refitted windows 2b annex verandah.
95. Lengthened 8 inch suction pipe river pump.
96. Painting outside windows main building.
97. Whitewashed tunnels in main building.
98. Rebuilt doorway—ice house.
99. Built concrete tank—shoemakers' shop.
100. Painted suite 31—apartment block.
101. Put in new sink and drain ward 3a.
102. Repaired water system—cow barn.
103. Laid concrete floor—cow barn.
104. Repaired floor—amusement hall.
105. Replastered part of toy shop.
106. Built new concrete septic tank—cow barn.
107. Constructed new counter in store.
108. Rebuilt screen and frame—verandah—brick cottage.
109. Enlarged door in old disposal plant building, being used for garage—so truck could get in.
110. Extra doorway plastered up in post office and show case for canteen built instead.
111. Repaired slate stairway—main building.
112. Relaid floor staff kitchen.
113. New concrete floor—6a clothes room.
114. Rebuilt water line to greenhouse.
115. Rebuilt ice hoist.
116. Constructed shelves—paint shop.
117. Built up the floor under the old washing machine in laundry.
118. Installed new washing machine in laundry—removed old one.
119. Built new cupboard and door 7a linen room.
120. Built new top on ironing table in laundry and repainted.
121. Repaired tops of tables annex and painted same.
122. New floor—6a basement.
123. Rebuilt potato machine and put in new gears.
124. Repaired all windows and lock on 9a and put in window-stops.
125. Whitewashed under 9a and tunnel.
126. New floor laid in front of main kitchen and along 2a.
127. Painted the sewing room—7a.
128. Painted 6a dining-room.
129. Painted lunch room—nurses' home.
130. Changed heating system linen room 7a.
131. Changed air shafts and plastered staff kitchen and also same repairs to 1a and 1b.
132. Fixed room for staff 10a basement.
133. Fixed room for staff 3a basement.
134. Rebuilding and putting on irons for ice skids at river.
135. Repairing windows main building.
136. Made three stools—main kitchen.
137. Built new sink—sterilizer 8a (T.B.).
138. Built new sink—pasteurizer—milk room.
139. Built new bottom for sink—main kitchen.
140. Built new ventilator shaft—main kitchen.
141. Repaired water line—shack town.
142. Put double windows on ice house.
143. Painted wash rooms and clothes room—8a basement.
144. Painted 10a dining-room.
145. Built new tops on benches—shoemaker's shop.
146. Built and put on storm windows, 7a verandah.
147. Plastered 8a verandah.
148. Painted staff cottage.
149. Built broom room and installed light—main kitchen.
150. Painted small dining-room—10 basement.
151. Painted 8a dining-room.

152. Built concrete manhole—cow barn.
153. Plastered 8a and 10a verandahs (south).
154. Plastered 8a verandah (north).
155. Changed lighting system—chicken farm.
156. Built four extra windows in cow barn.
157. Built up concrete walls in horse barn.
158. Cleaned out hot water heaters and repaired coils.
159. Cut two doorways through wall in apartment block.
160. Painted 3a dining-room.
161. Built new stage at river pump and air vent.
162. Wall built and plastered and air shaft installed—engineers' quarters.
163. Three tables built in annex.
164. Wall and doorway built at top of 7a stairway.
165. Seed shed built at irrigation project.
166. Linen cupboards built on 2a.
167. Painted wall and new doorway top of 7a stairway.
168. Changed dumb waiter shaft, officers' quarters, and built cupboard.
169. Painted tailor's shop and shoemaker's shop.
170. Fixed up dark room for photographer—7a basement.

Report of Director of Occupational Therapy

NORTH BATTLEFORD, SASK., November 15, 1940.

DR. J. W. MACNEILL,
Commissioner of Mental Services,
North Battleford, Sask.

SIR,—

I have the honour to submit herewith the annual reports for 1939-40, covering the occupational therapy activities at North Battleford and Weyburn Mental Hospitals.

At Weyburn Hospital activities have been extended and now include cabinet making, wood carving and brush making.

I feel that occupational, recreational and industrial therapy are conducive to mental health, happy and contented patients, and I would like to recommend the extension of activities to include such crafts as wrought iron work, pottery, printing and leather work.

I have the honour to be, Sir,

Your obedient servant,

HAZEL JACQUES,
Director of Occupational Therapy.

BEAUTY PARLOUR, BATTLEFORD.

Shampoos	2,507	Marcel's	635
Fingerwaves	1,985	Haircuts	370

OCCUPATIONAL WORK—MALE.

Baskets	15	Lamps	33
Baskets—sewing	2	Picture frames	7
Baskets—waste paper	6	Racks—book	2
Book ends	2	Racks—magazine	7
Boxes	19	Rugs	43
Brushes—polishing	177	Settees	1
Brushes—scrub	460	Stands—ash tray	1
Cabinets—china	1	Stands—sewing	3
Cabinets—desk	1	Stands—smoking	4
Cabinets—medicine	1	Stands—fern	21
Cellarettes	4	Tables—coffee	3
Chairs	7	Tables—dining	1
Clock—grandfather	1	Tables—dressing	1
Chests	2	Tables—kitchen	2
Chest of drawers	2	Tables—tray	2
Desks	2	Totem poles	3
Fire screens	4	Toy beds	3
Foot stools	12	Toy wagons	2
Fruit bowls	1	Trays	21
Highboy	1	Whatnots	3

OCCUPATIONAL WORK—FEMALE.

Aprons	53	Mats—woven	11
Aprons—child's	12	Mitts	10
Baby bibs	8	Mitts—oven	5
Baby dresses	2	Needle cases	2
Baby caps	5	Painting	1
Baby jackets	5	Panels	2
Baby socks	4	Pillow cases	460
Bags—hand	5	Pot holders	12
Bags—handkerchief	5	Raffia work	8
Bags—laundry	23	Rugs	31
Bags—string	6	Rugs—hooked	2
Bed jackets	12	Runners	19
Bath mats	18	Scarves—knitted	2
Belts	2	Scarves—woven	1
Book covers	5	Shawls	2
Calendar backs	6	Sheets	2
Carriage covers	6	Sheet sets	9
Centres	1	Slippers	14
Chair seat covers	3	Stuffed toys	1
Child's dresses	2	Table cloths	1
Console sets	1	Tapestries	8
Cushions	37	Three-piece sets	2
Doilies	125	Towels—bath	50
Face cloths	2	Towels—dish	82
Golf club covers	8	Towels—fingertip	13
Gloves—hearth	5	Towels—hand	54
Luncheon sets	30	Toys—wool	2
Mats—beaded	9	Tray cloths	12
Mats—floor	67		

SEWING ROOM.

Aprons—attendants'	133	Face steamers	7
Aprons—cotton	65	Gowns—doctors'	22
Aprons—nurses'	196	Gowns—baby	1
Aprons—rubber	46	Hair cloths	7
Aprons—ticking	24	Pillow cases	1,110
Bags—bursar	60	Pneumonia jackets	12
Bags—tea	2,006	Pot holders	50
Belts—nurses'	134	Press covers	12
Bibs—nurses'	279	Princess slips	128
Binders—abdominal	6	Screen fillings	50
Binders—breast	6	Sheets	1,370
Binders—"T"	12	Shirts—night	180
Caps—nurses'	43	Shrouds	90
Covers—cushion	40	Surplices	26
Covers—dresser	12	Table cloths	75
Covers—table	72	Towels—bath	1,472
Curtains	72	Towels—dish	246
Dresses—cotton	40	Towels—individual	207
Diapers	7	Tray cloths	25
Dresses—night	488	Uniforms—nurses'	98

SHOE SHOP.

Men's boots and shoes repaired	3,452	Halters	35
Women's shoes repaired	1,000	Harness sets	3
Back pads	14	Lines	34
Belly bands	10	Martingales	17
Breeching	3	Straps	10
Bridles	13	Traces	19
Collars	29		

TAILOR SHOP.

Coats—attendants' white	104	Suits—strong	12
Coats—cooks'	4	Suits—uniform	3
Overalls	413	Trousers—white	13
Smocks	4	Vests	14
Suits—cooks'	25		

MATTRESS SHOP.

Bags—ice	6	Mattresses—new—strong	74
Bags—laundry	13	Mattresses—remade—strong	3,910
Covers—bath	42	Mattresses—new—wool	118
Covers—mangle	15	Mattresses—remade—wool	2,920
Curtains	82	Pack straps	24
Cushions—new	68	Pillows—new	91
Cushions—remade	163	Pillows—remade	1,122
Footstools	14	Pillows—rubber	2
Hammocks—bath	47	Salt strainers	2
Kneelers	12	Sheets—rubber	299
Mattress cases	64	Sheets—spot	8
Mattress—remade—pack	25	Sheets—strong	72

The Mental Hospital, Weyburn

WEYBURN, October 11, 1940.

DR. J. W. MACNEILL,
Commissioner of Mental Services,
North Battleford, Sask.

SIR,—

I beg to submit to you for your consideration the nineteenth annual report of the Saskatchewan Mental Hospital at Weyburn, for the year ended April 30, 1940.

Our total population at that date was 2,076, composed of 1,282 male patients and 794 female patients and representing an increase of 95 patients for the year. The net increase for the year is made up of 49 mental defectives, so that our psychotic population increased 46 for the year.

The general health of the patients and staff has been rather better than usual.

The outbreak of war in September and consequent enlistment of various members of the staff has necessitated considerable readjustment at times. The co-operation of the staff has been most satisfactory, and I wish at this time to extend my thanks to them.

I have the honour to be, Sir,

Your obedient servant,

A. D. CAMPBELL, M.D.,
Superintendent.

TABLE NO. 1.—TOTAL ADMISSIONS—PSYCHOTICS.

Month	Admissions		Paroles		Deaths		Elopes-ments		Deport-ations		Trans-fers	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1939												
May	20	10	9	5	5	.....	.....	.....	.....	.....	.....	.....
June	16	9	10	10	7	1	.....	.....	.....	.....	.....	.....
July	17	17	10	6	2	1	.....	.....	.....	.....	.....	.....
August	17	15	7	5	1	2	.....	.....	.....	.....	.....	.....
September	15	9	10	6	1	2	.....	.....	.....	.....	.....	.....
October	14	11	7	12	5	.....	1	.....	1	.....	.....	.....
November	13	11	10	12	4	1	.....	.....	.....	.....	.....	.....
December	10	9	6	9	5	2	.....	.....	.....	.....	.....	.....
1940												
January	19	16	3	3	2	2	.....	.....	.....	.....	.....	.....
February	7	8	2	6	5	2	.....	.....	1	.....	.....	.....
March	10	7	5	7	7	.....	.....	.....	.....	.....	.....	.....
April	9	9	10	10	6	6	.....	.....	.....	.....	.....	.....
Total	167	131	89	91	50	19	1	.....	2	.....	.....	.....
Grand total	298		180		69		1		2			.....

TABLE NO. 2.
ADMISSIONS AND MOVEMENT OF PATIENTS—COMPARATIVE STATEMENT.

	Male	Female	Total
Number on our register May 1, 1939.....	1,238	743	1,981
Admissions:	Male	Female	Total
First admission psychotic.....	131	89	220
First admission defective.....	47	46	93
Re-admission psychotic.....	36	42	78
Re-admission defective.....	2	3	5
By transfer psychotic.....			
By transfer defective.....	4	3	7
Total admissions.....	220	183	403
Total under our care during year.....	1,458	926	2,384
Discharged or removed:	Male	Female	Total
Paroled psychotic.....	89	91	180
Paroled defective.....	20	16	36
Deaths psychotic.....	50	19	69
Deaths defective.....	14	6	20
Deported psychotic.....	2		2
Elopements psychotic.....	1		1
Elopements defective.....			
Total removed from register during year.....	176	132	308
Total remaining on register on April 30, 1940.....	1,282	794	2,076
Total admissions during year (psychotics).....			298
Total paroles during year (psychotics).....			180
Percentage of paroles of admission.....			60.40%
Males admitted during year.....			167
Males paroled during year.....			89
Percentage of paroles of admissions.....			53.29%
Females admitted during year.....			131
Females paroled during year.....			91
Percentage of paroles of admissions.....			69.46%
Total number of cases under treatment.....			2,384
Total number of deaths during year.....			89
Percentage of deaths of cases under treatment.....			3.73%
Defective male admissions.....			53
Defective male paroles.....			20
Percentage of paroles of admissions.....			37.73%
Defective female admissions.....			52
Defective female paroles.....			16
Percentage of paroles of admissions.....			30.71%

TABLE NO. 3.—MOVEMENT OF PATIENTS—19-YEAR PERIOD.

	1921-22	1922-23	1923-24	1924-25	1925-26
Admissions	607	341	254	270	271
Paroles	21	146	113	112	143
Deaths	11	90	60	65	67
Deportations	2	6	10	11	15
Eloperments .....	.....	5	7	1	1
Transfers .....	.....	1	3	.....	.....
Remaining on register	573	666	729	815	862

	1926-27	1927-28	1928-29	1929-30	1930-31
Admissions	275	240	385	307	395
Paroles	138	100	121	137	124
Deaths	67	68	96	70	59
Deportations	13	17	24	21	24
Eloperments	3	6	4	1	1
Transfers .....	.....	.....	.....	.....	.....
Remaining on register	916	965	1,005	1,083	1,270

	1931-32	1932-33	1933-34	1934-35	1935-36
Admissions	285	245	332	318	303
Paroles	105	93	108	139	142
Deaths	79	77	97	103	80
Deportations	15	7	10	2	2
Eloperments	2	6	8	9	5
Transfers .....	.....	.....	.....	.....	.....
Remaining on register	1,354	1,416	1,526	1,590	1,664

	1936-37	1937-38	1938-39	1939-40	
Admissions	374	372	377	403	
Paroles	159	150	195	216	
Deaths	95	101	93	89	
Deportations .....	.....	.....	.....	2	
Eloperments	4	5	3	1	
Transfers .....	.....	1	.....	.....
Remaining on register	1,780	1,895	1,981	2,076	

TABLE NO. 4.—AGE GROUPS.

Age group	Admissions		Paroles		Deaths	
	M.	F.	M.	F.	M.	F.
10-19	11	7	10	6	.....	.....
20-29	32	26	15	19	3	.....
30-39	34	27	22	16	3	.....
40-49	22	21	18	18	5	2
50-59	32	28	17	21	10	7
60-69	15	13	9	9	7	6
70-79	11	6	1	1	14	1
80-89	10	3	.....	1	8	1
90 and over .....	.....	.....	.....	.....	.....	2
Totals	167	131	92	91	50	19
Grand total	298		183		69	

TABLE NO. 5.—DIAGNOSES.

Diagnoses	Male	Female
Psychoses with syphilitic meningo-encephalitis (general paresis)	8	1
Psychoses with cerebral syphilis, meningo-vascular type....	3	....
Psychoses with encephalitis lethargica	5	4
Alcoholic psychoses	4	1
Traumatic psychoses	2	....
Psychoses with cerebral arteriosclerosis	14	11
Psychoses with convulsive disorders (epilepsy)	6	3
Senile psychoses	23	8
Involitional psychoses:		
Melancholia	6	6
Psychoses with other somatic diseases	1	3
Graves' disease .....	....	1
Psychoses with disseminated sclerosis	1	....
Psychoneuroses:		
Neurastenic type .....	....	4
Hysterical type .....	....	1
Not differentiated .....	....	1
Manic-depressive psychoses:		
Manic type	5	5
Mixed type	5	8
Depressed type	4	7
Not differentiated .....	....	2
Dementia præcox (schizophrenia):		
Catatonic type	18	16
Hebephrenic type	25	16
Simple type .....	....	1
Paranoid type	17	12
Not differentiated	5	3
Paranoia .....	....	1
Psychoses with mental deficiency	1	3
Undiagnosed psychoses	2	7
Without psychoses:		
Alcoholism	2	....
Drug addiction .....	....	1
Other conditions	10	5
Mental deficiency	53	52
	220	183

TABLE NO. 6.—NATIVITY OF ADMISSIONS—PSYCHOTICS.

Country	Male	Female	Country	Male	Female
Austria	6	3	Jamaica	1	....
Belgium	2	4	Norway	7	....
Bukovina	1	2	Poland	1	2
Canada	84	73	Roumania	3	....
China	6	....	Russia	5	8
England	7	19	Scotland	3	6
Finland .....	....	1	Sweden	1	1
France .....	....	1	U.S.A.	24	7
Galicia	1	....	Ukraine	1	....
Germany	4	2	Wales .....	....	1
Hungary	1	1	Yugoslavia	2	....
Iceland	1	....	Undetermined	4	....
Ireland	2	....		
				167	131
				298	

TABLE NO. 7.—MILITARY PATIENTS ADMITTED.

No.	Nativity	Age	Social condition	Mental diagnosis
1	Canada	41	M.	Manic depressive, manic type
2	Canada	45	M.	Traumatic psychosis
3	U.S.A.	46	D.	Without psychosis, alcoholism
4	U.S.A.	45	S.	Dementia præcox, hebephrenic
5	England	62	M.	Senile psychosis
6	U.S.A.	45	S.	Manic depressive psychosis, mixed type
7	Canada	26	S.	Manic depressive, hypomanic type
8	Norway	59	S.	Psychosis with cerebral arteriosclerosis
9	Canada	31	S.	Dementia præcox, catatonic
10	Scotland	46	M.	Dementia præcox, catatonic
11	Canada	43	Sep.	General paresis of insane
12	Canada	18	S.	Mental deficiency, moron with episodic disturbances
13	Canada	22	S.	Psychosis with epilepsy
14	U.S.A.	45	S.	Manic depressive, mixed type

Remaining in hospital on May 1, 1939	65
Number admitted during the year	14
Total	79
Number paroled during the year	6
Number died during the year	2
Number deported during the year	1
Removed from the register during the year	—
Remaining in hospital on April 30, 1940	70

TABLE NO. 8.—RACIAL ORIGIN OF ADMISSIONS—PSYCHOTICS.

Race	Male	Female	Race	Male	Female
Austrian	7	4	Jewish .....	.....	1
Belgian	3	4	Negro	1	.....
Bohemian	2	.....	Norwegian	12	2
Chinese	6	.....	Polish	5	3
Czechoslovakian	2	.....	Roumanian	2	1
Dutch	1	1	Russian	2	6
English	18	32	Serbian	1	.....
Finnish .....	.....	1	Scotch	16	16
French	11	5	Swedish	5	4
German	27	20	Ukrainian	11	8
Hungarian	1	3	Welsh	3	1
Irish	22	18	Undetermined	8	1
Icelandic	1	.....		
			Total	167	131
					298

TABLE NO. 9.—DEATHS—PSYCHOTICS.

No.	Sex	Age	Immediate cause of death	Predisposition
1	M.	65	Myocarditis	Dementia præcox, hebephrenic.
2	M.	79	Influenza	Psychosis with cerebral arteriosclerosis.
3	M.	26	Pneumonia	Dementia præcox, hebephrenic.
4	F.	83	Influenza	Psychosis with cerebral arteriosclerosis.
5	M.	81	Bronchopneumonia	Senile psychosis.
6	M.	71	Valvular disease of heart ..	Psychosis with cerebral arteriosclerosis.
7	M.	54	Angina pectoris	Senile psychosis.
8	M.	57	Angina pectoris	Dementia præcox.
9	M.	75	Coronary sclerosis	Psychosis with cerebral arteriosclerosis.
10	M.	78	Malignancy of right femur (probably sarcoma)	Senile psychosis.
11	M.	53	Sub-acute bacterial endo- carditis	General paresis of the insane.
12	M.	57	Aortitis and myocarditis	Manic depressive psychosis, depressed type.
13	M.	60	Acute myocarditis	General paresis of the insane.
14	M.	73	Chronic myocarditis	Senile psychosis.
15	M.	51	Hæmorrhage	Involuntional melancholia.
16	F.	68	Chronic myocarditis	Psychosis with cerebral arteriosclerosis.
17	M.	46	Pulmonary tuberculosis	Dementia præcox, hebephrenic.
18	F.	59	Acute dilatation of stomach ..	Dementia præcox, hebephrenic.
19	M.	44	Bronchopneumonia	Dementia præcox, hebephrenic.
20	M.	36	Cardiac failure	Psychosis with mental deficiency.
21	F.	62	Cerebral thrombosis	Psychosis with cerebral arteriosclerosis.
22	M.	65	Cardiac failure	Dementia præcox.
23	F.	41	Acute mental disturbance with hyperpyrexia	Dementia præcox.
24	M.	74	Bronchopneumonia	Senile psychosis.
25	F.	54	Neurosyphilis	Psychosis with cerebral syphilis.
26	F.	52	Exhaustion of psychosis	Psychosis with post-encephalitis.
27	M.	81	Chronic myocardial degen- eration	Senile psychosis.
28	M.	55	General paresis of the insane	General paresis of the insane.
29	M.	42	Lobar pneumonia	Dementia præcox.
30	M.	55	Lobar pneumonia	Psychosis with encephalitis lethargica.
31	M.	27	Toxic exhaustion	Dementia præcox, catatonic.
32	M.	51	Lobar pneumonia	Dementia præcox.
33	M.	78	Myocardial degeneration ..	Senile psychosis.
34	M.	80	Chronic parenchymatous ..	Senile psychosis.
35	F.	45	Coma following Insulin shock therapy	Chronic manic depressive.
36	M.	84	Chronic myocardial degen- eration	Senile psychosis.
37	M.	33	Pulmonary tuberculosis	Dementia præcox, catatonic.
38	M.	81	Lobar pneumonia (rt. lung) ..	Senile psychosis.
39	M.	70	Exhaustion	Senile psychosis.
40	M.	51	General paralysis	General paralysis of insane.
41	F.	66	Acute pulmonary tubercul- osis	Psychosis with other somatic disease, myxœdema.
42	M.	62	Chronic myocardial degen- eration	Psychosis with cerebral arteriosclerosis.
43	F.	57	Influenza	Epileptic psychosis.
44	M.	45	Pulmonary hæmorrhage	Dementia præcox, hebephrenic.
45	F.	63	Arteriosclerosis	Manic depressive psychosis, manic type.
46	F.	75	Chronic myocarditis and nephritis	Senile psychosis.
47	M.	66	Cerebral hæmorrhage	Psychosis associated with cerebral arteriosclerosis.
48	M.	79	Chronic myocardial degen- eration	Senile psychosis.
49	M.	87	Influenza	Senile psychosis.
50	F.	90	Arteriosclerosis and myo- cardial failure	Senile psychosis.

TABLE NO. 9.—DEATHS—PSYCHOTICS—Continued

No.	Sex	Age	Immediate cause of death	Predisposition
51	M.	75	Myocardial degeneration ..	Senile psychosis.
52	M.	65	Myocardial degeneration ..	Senile psychosis.
53	M.	70	Myocarditis	Dementia præcox, paranoid.
54	F.	58	Diabetes	Psychosis with mental deficiency.
55	M.	59	General paralysis	General paralysis of insane.
56	M.	79	Lobar pneumonia	Senile psychosis.
57	M.	77	Chronic myocardial degeneration	Senile psychosis.
58	M.	84	Exhaustion	Senile psychosis.
59	M.	46	Influenzal pneumonia and exhaustion of acute mental disturbance	Dementia præcox, hebephrenic.
60	M.	87	Coronary occlusion	Senile psychosis.
61	M.	66	Coronary occlusion	Manic depressive psychosis, manic type.
62	F.	67	Lymphatic leucæmia	Dementia præcox, paranoid.
63	F.	54	Pneumonia	Psychosis associated with arteriosclerosis.
64	F.	56	Mesenteric thrombosis	Dementia præcox.
65	M.	39	Exhaustion	Undiagnosed psychosis.
66	F.	90	Influenza	Senile psychosis.
67	M.	24	Status epilepticus	Epileptic psychosis.
68	M.	75	Myocarditis	Senile psychosis.
69	F.	65	Chronic interstitial nephritis	Senile psychosis, pre-senile type.

TABLE NO. 10.—DEPORTATIONS TO OTHER COUNTRIES.

No.	Sex	Age	Social condition	Mental diagnosis	Where deported	Date
1	M.	28	M.	Schizophrenia	U.S.A.	October 25, 1939
2	M.	46	S.	Schizophrenia	U.S.A.	February 6, 1940

TABLE NO. 11.—DENTAL DEPARTMENT.

The following is a report by the dentist of the work done in the dental department of the Mental Hospital at Weyburn during the fiscal year May 1, 1939, to April 30, 1940:

	Extractions	Prophylaxis	Treatments	Fillings	Plates repaired
Female	937	12	2	111	4
Male	881	35	11	119	14
Total	1,818	47	13	230	18

In addition, nine dentures were constructed for male patients, and six dentures for female patients.

Up to the present, a greater portion of time has been taken up with extractions. One reason for this is that during the earlier years the patients received practically no dental treatment.

I have gone through two wards, one female and one male, and note a great change in the oral condition of the patients who have received treatment.

In addition to this I have examined and treated a good many of the new patients who are admitted.

School for Mental Defectives

Number of teaching days: 218.

Summary of Enrolment:

	Male	Female	Total
On roll May 1, 1939.....	18	21	39
New enrolments during year	20	8	28
Total	38	29	67
Discontinued during year	6	4	10
Present enrolment	32	25	57

Age of pupils attending school:

Age	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Total
Male	2	1	1	1	3	2	3	6	3	6	4	..	..	..	32
Female .....	..	..	1	1	..	..	..	5	4	3	6	..	3	2	25
															<u>57</u>

Classification of Pupils:

In September, 1939, pupils were re-grouped according to mental ability rather than sex, placing boys and girls of same classification together, thus introducing a more normal classroom situation.

	Male	Female	Total
Kindergarten—Ages 5 to 11	11	4	15
Junior—Ages 12 to 15, low I.Q.	10	2	12
Intermediate Group	4	10	14
Senior Group	7	9	16

Kindergarten and Junior groups attend school from 9.00 to 11.00 a.m.

Intermediate and Senior groups attend school from 1.00 to 4.00 p.m.

An assistant teacher and a second classroom were introduced in October, 1939, making possible the above classification. The second classroom is used as a manual workroom and the various groups use it alternate periods.

SUMMARY OF SCHOOL ACTIVITIES.

Academic:

Kindergarten—Games, nursery rhymes, stories, establishment of cleanliness and social habits, handwork, simple counting and establishing the number concept to 5. Three of this group are learning to read.

Junior Group—Most of the emphasis is on manual work and social habits. Five of the group are learning to read and do simple number work. A few of the latter will be promoted to the Intermediate group.

Intermediate Group—All of this group have learned to read during the year. Most have completed the primer and are reading Book 1. One is reading Book 2. Arithmetic done is approximately Grade 2. All progress is individual. Social studies, etc., cover approximately Grade 3 work.

Senior Group—In arithmetic, spelling and reading this group ranges from Grade 3 to Grade 6, progressing individually. In social studies an approximation of Grade 4 work was completed by July, and Grade 5 work is being done. The latter are taught largely by project method.

Manual Work:

Type of work done: Boys' work consists of woodwork, fretwork and simple tin work. Girls' work covers plain sewing and all branches of fancy work. Nine girls have learned hemstitching; ten, crocheting; two, tatting.

Proceeds:

December bazaar sale	\$15.00
March, 1940, sale	24.25
Additional sales in April	1.75
Total	\$41.00

Articles made:

	By Boys		By Girls
Book ends	6	Aprons	6
Ash tray stands	2	Finger towels	2
Whisk boxes	2	Vanity sets	5
Picture frames	2	Glove bag	1
Doorstops	14	Lunch cloths	3
Fretwork pieces	5	Hanky bags	2
Magazine racks	5	Hanky satchets	2
Bread boards	5	Potholder sets	9
Tie racks	3	Cushions	5
Footstools	4	Curtain tiebacks	3
Match holders	2	Tray cloths	3
Teapot stands	2	Hot dish mats	3
Corner shelves	6	Baby's bibs	7
Window holders	1	Wool chair set	1
Fern stands	6	Linens dresser scarf	1
Sewing basket	1	Laundry bag	1
Clock shelves	3	Crocheted doilies	5
Tumbler holders	5	Clothespin bags	4
Toys and miscellaneous articles at 5c	30	Oilcloth catch-alls	3
Educational toy sets for use in kindergarten	2	Wool cushion top	1
		Art needle cushions	2
		Miscellaneous small pieces	10

Other Activities:

Programmes—Dominion Day, Valentine Day, Christmas, Empire Day.

Parties—Valentine, Hallowe'en.

Picnic—June, 1939.

Junior Red Cross Club meetings.

Organized softball teams.

New equipment procured:

1 cupboard with individual shelves for children's books.

1 cupboard with individual shelves for boys' shop work.

1 cupboard for girls' shop work.

Supplementary books.

Series of Child Story Readers.

Fretwork outfit.

Tinwork outfit with electric solder iron.

Tools for shop work.

PHYSICAL TRAINING REPORT, 1939-40.

Activities:

	FEMALE		MALE
Physical exercises;		Physical exercises;	
Concentration and co-ordination ex-		Concentration and co-ordination ex-	
ercises;		ercises;	
Walking, skipping, baseball, tennis,		Walking, running, light gymnastics,	
badminton, indoor games;		baseball, football, tennis, badmin-	
Light gymnastics for girls only.		ton, indoor games.	
Women on treatment	70	Men on treatment	71
Number of treatments	2,698	Number of treatments	1,710
Girls out for exercise	840	Boys out for exercise	1,830
Women out for exercise	376		

TABLE NO. 12.—STATISTICS FOR MENTAL DEFECTIVES.

Month	Total ad- missions		Paroles		Deaths		Elope- ments		Deport- ations		Trans- fers	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1939												
May	9	7	3	....	1	....	....	....	....	....	....	2
June	3	5	2	1	....	....	....	....	....	....	....	....
July	4	2	....	2	1	....	....	....	....	....	....	....
August	2	9	5	1	1	....	....	....	....	....	....	....
September ..	1	3	2	1	1	2	....	....	....	....	....	....
October	8	8	....	....	1	1	....	....	....	....	....	....
November	2	4	1	1	....	....	....	....	....	....	....	....
December	4	2	1	1	1	....	....	....	....	....	1	....
1940												
January ..	3	4	1	2	1	3	....	....	....	....	2	....
February .	6	2	....	1	....	....	....	....	....	....	1	1
March	3	3	1	4	6	....	....	....	....	....	....	....
April	6	3	4	2	1	....	....	....	....	....	....	....
	53	52	20	16	14	6	....	....	....	....	4	3
	105		36		20		....	....	....	....	7	

TABLE NO. 13.—AGE GROUP—MENTAL DEFECTIVES.

Age Group	Admissions		Paroles		Deaths	
	M.	F.	M.	F.	M.	F.
1- 9	11	11	....	....	3	2
10-19	21	15	7	5	6	2
20-29	6	17	7	8	2	1
30-39	8	2	5	1	1	1
40-49	3	7	....	2	1	....
50-59	3	....	....	....	1	....
60-69	1	....	1	....	....	....
70-79 .....	....	....	....	....	....	....
80-89 .....	....	....	....	....	....	....
90-99 .....	....	....	....	....	....	....
Totals	53	52	20	16	14	6
Grand total	105		36		20	

TABLE NO. 14.—MENTAL DEFECTIVE—NATIVITY OF ADMISSIONS.

Country	Male	Female
Austria	1	....
Canada	47	44
England	2	2
Poland	1	....
Russia	1	3
Scotland .....	....	1
U.S.A.	1	2
	53	52
	105	

TABLE NO. 15.—DEATHS DURING THE YEAR 1939-40.

No.	Sex	Age	Immediate Cause of Death	Predisposition
1	M.	16	Pneumonia (postoperative)	Mental deficiency, idiocy, paralyzed
2	M.	42	Double lobar pneumonia ...	Mental deficiency, idiocy
3	M.	10	Status epilepticus	Mental deficiency, idiocy
4	F.	23	Bronchopneumonia	Mental deficiency, idiocy
5	M.	34	Bronchopneumonia	Mental deficiency, idiocy
6	F.	35	Diabetic coma.....	Mental deficiency, idiocy, with epilepsy
7	M.	15	Acute intestinal obstruction	Mental deficiency, idiocy
8	F.	19	Acute gastro-enteritis.....	Mental deficiency, idiocy
9	M.	20	Epileptic convulsion	Mental deficiency, idiocy
10	F.	18	Lobar pneumonia	Mental deficiency, idiocy
11	F.	3	Bronchopneumonia	Mental deficiency, Mongolian idiocy
12	M.	6	Congenital hydrocephalus..	Mental deficiency, idiocy
13	F.	2	Bronchopneumonia	Mental deficiency, idiocy
14	M.	15	Tuberculosis (T.B. peritonitis of lungs).....	Mental deficiency, idiocy
15	M.	26	Bronchopneumonia	Mental deficiency, idiocy
16	M.	4	Bronchopneumonia	Mental deficiency, idiocy
17	M.	18	Exhaustion	Mental deficiency, imbecility
18	M.	2	Bronchopneumonia	Mental deficiency, idiocy
19	M.	54	Pneumococcus meningitis ..	Mental deficiency, imbecility
20	M.	12	Exhaustion	Mental deficiency, imbecility

TABLE NO. 16.—MENTAL DEFECTIVE—RACIAL ORIGIN OF NEW ADMISSIONS.

Race	Male	Female	Race	Male	Female
Austrian	1	1	Icelandic	1	..
Belgian	1	..	Mixed (Halfbreed)	2	1
Czecho-Slovakian...	..	1	Norwegian .....	..	2
Dutch	2	1	Polish	2	3
English	9	12	Roumanian	1	1
French	6	1	Russian	4	3
German	4	9	Scotch	4	5
Hungarian	1	..	Swedish	1	..
Irish	4	4	Ukrainian	5	5
Indian (N.A.) .....	..	1	Undetermined	5	2
				53	52
				105	

INDUSTRIAL OCCUPATION

The following is the report of the work which has been carried out in the Industrial Occupation Department for the fiscal year 1939-40:

1. Several fire hydrants were raised to grade level.
2. Plumbing in new dispensary.
3. Alteration in bakeshop water mixing tank.
4. Main sewer through grounds was dragged and cleaned.
5. Vacuum line in floor repaired in several places.
6. New 3" universal pipe water main from city main to cottages installed.

7. Verandahs on southeast wing were equipped with curtain rods.
8. Piping and flashing installed in new piggery.
9. Considerable piping and fittings for pumps testing for water.
10. Alterations were made to plumbing in 1B and 3B wards, removing closets and replacing same.
11. Part of northwest entrance was rebuilt.
12. A cement water tank was constructed for the greenhouse.
13. One-half of rear concrete platform was rebuilt.
14. A new driveway was constructed at the rear of the buildings.
15. The bakeshop chimney was torn down and replaced with a new one.
16. Cement walls and floors were constructed at the new hog pen.
17. The walls and floor of ash tunnel in power house were rebuilt, requiring considerable time and labour.
18. Plaster was repaired throughout the interior of the Annex.
19. Two hundred cement grave markers were made to replace old wooden ones.
20. A new hog pen was constructed at the farm.
21. Some new shelves were built in the dispensary.
22. A new store room was built in the paint shop.
23. Considerable shelving was built throughout the wards.
24. New linoleum was laid on IC and 3C wards.
25. New curtain rods were installed in several wards.
26. The grills were removed on several wards.
27. Several forms were built for concrete work.
28. Three doors were put on washrooms in the Annex.
29. A new stairway was built at the rear of the Assembly Hall.
30. Two new windows were put in the power house basement.
31. Several floors were repaired before sanding.
32. The new hog pen was completely wired.
33. Considerable wiring has been done for outside lights and to water meter.
34. Outside power line at the farm was completely overhauled and some alterations were made.
35. Alterations were made on several fuse panels throughout the institution.
36. New service and rewiring at one of the cottages.
37. Several lights were installed in the Occupational Therapy room.
38. New conduit piping to Assembly Hall.
39. New cables were installed on the elevator on the male side of the institution.
40. The ice machine was completely overhauled.
41. Some changes were made to switches and wiring on the Annex elevator.
42. Some new wall plugs were installed in the officers' quarters and photographers' room.
43. Considerable painting has been done throughout the wards and out-buildings following repair work.
44. The day room floors on several wards have been sanded and refinished.
45. The Assembly Hall floor was sanded and refinished.
46. The house at the farm was redecorated inside.
47. Several wards have been painted.

BEAUTY PARLOUR, 1939-1940.

Shampoos	3,952
Finger waves	3,565
Hair cuts	715
Marcel	152
Trims	1,766

WOMEN'S OCCUPATIONAL WORK, 1939-1940.

Afghans	2	Bedspreads	2
Aprons	45	Bib	1
Baby quilt	1	Boodle boards	9
Baby coat and bonnet set	1	Breakfast sets	2
Baby bib and tray cloth set	1	Bed jackets	90
Baby caps	7	Bed socks	19
Baby slippers	1	Bootees	9
Baby jackets	6	Boy's knitted suit	1
Baby shawl	1	Cushions	33
Baby Set, 4-piece	1	Child's knitted sweaters	4

WOMEN'S OCCUPATIONAL WORK, 1939-1940—Continued

Carnations	174	Organdie tea cloth.....	1
Coat hangers	27	Organdie aprons	2
Child's aprons	2	Organdie runner	1
Child's knitted coats.....	2	Oilcloth dolls	2
Child's knitted dresses.....	6	Parkas	4
Chair backs, 3 piece sets	5	Pictures	20
Crochet place mat	1	Pot holders	18
Centrepieces	2	Place mats	3
Crochet bedspread	1	Pillow cases	113
Clothespin bag	1	Quilted and embroidered quilt.....	1
Child's dresses	11	Runners	78
Child's dresses and panties.....	2	Radio covers	5
Collar and cuff set	1	Rompers	3
Doilies	14	Socks	82
Flowers	12	Serviettes	67
Guest towels	22	Sun suit	1
Handkerchiefs, tatted.....	5	Sweaters, ladies'	13
Hot place mats	4	Sheets	16
Knitted cap	1	Sheet	1
Linen bag	1	Sockees	2
Laundry bags	12	Tapestries	6
Lunch cloths	11	Tea towels	294
Lunch sets, 3-piece	5	Tea towels, flour sack.....	5
Lunch sets, 5-piece	3	Tea cloths	79
Lunch set, 7-piece	1	Tray cloths	122
Men's sweaters	2	Vanity sets, 5-piece	2
Net centrepiece	1	Vanity sets, 3-piece	46
Needlepoint belt	1	Vanity sets, 4-piece	8
Net table cloth.....	1	Vanity sets, 2-piece	6
Net runner	1	Wool rugs, hooked	2

BASKET SHOP, 1939-1940.

	<i>New</i>	Notice board	1
Baby baskets	29	Parcel carrier	9
Bath room hampers.....	6	Rugs, heavy	62
Bed trays with legs.....	6	Rugs, light	108
Basket, fancy	1	Rugs, small	6
Bedside tables	19	Screen, 3-piece	1
Boodle boards	15	Soap boxes	16
Bonbon tray	1	Trays, tea	65
Breakfast trays	8	Trays, large	5
Baskets, work	6	Trays, small	3
Baskets, work, small.....	2	Trays, cream and sugar.....	26
Baskets, flower	3	Tables	2
Basket, gladioli	1	Table, small	1
Bracket, wall	1	Toy animals (child's).....	105
Brackets, corner	51	Toy cow	1
Brackets, clock	32	Toy dogs	27
Baskets, wastepaper	39	Toy grain wagon.....	1
Baskets, pot	49	Toy milk wagon and horses.....	6
Checker boards	2	Toy kitchen cabinet, 2-piece.....	1
Clothes hamper, narrow.....	1	Toys, children's	9
Coffee tables	3	Toy ponies	5
Coffee tray	1	Toy chairs	4
Coat hangers	151	Toy tables	3
Dresser	1	Toy rocking horse	1
Fern stands	4	Toy seaplanes	8
Ferneries	5	Toy wheelbarrows	16
Fly traps	1	Toy yo-yos	2
Foot stools, small	4		
Foot stools, large	4		
Foot stools, wicker	8		
Frames, photo	12		
Horse head ornament	1		
Music stands	4		
Magazine stand	1		
		<i>Repaired</i>	
		Arm chair	1
		Baby baskets	23
		Baskets, pot	27
		Baskets, wastepaper	3
		Brackets, clock	3

BASKET SHOP, 1939-1940—Continued

Brackets, corner	3	Fern stands	2
Book ends, child's	1	Jardinière stands	2
Bed jacket stands	15	Kiddie car	1
Bedside tables	15	Milk wagon, toy	1
Bathroom stools	3	Soap boxes	18
Commode chair, child's	1	Trays, bread	3
Coat hanger	1	Trays, tea	6
Child's dressers	4	Trays, cream and sugar	2
Child's chairs	31	Tea pot stands	9
Child's cabinets	2	Tie racks	2
Clothes hamper	1	Tables, large	2
Chairs, verandah	56	Tables, child's	9
Chairs, recaned	10	Table, sea grass	1
Chairs, wicker	2	Toy animals	43
Foot stools	5	Toy horses	2

WOODWORK SHOP, 1939-1940.

<i>New</i>		Stand, small	1
Breakfast suite, child's	1	Smoking cabinets	14
Breakfast suite, 6-piece	1	Stands, magazine	6
Bench, piano	1	Stands, ash	15
Bracket, clock	1	Stands, jardinière	6
Baby crib	1	Sewing box	1
Bottoms, tray	101	Screens	2
Brackets, corner	65	Toys	21
Basket bases	50	Tea wagon	1
Cabinet, kitchen	1	Trees, hall	5
Chair, occasional	1	Tables, gateleg	2
Chairs, kiddies	8	Tables, end	5
Chairs, library	4	Tables, combination	12
Corner stands	3	Tables, kitchen, dropleaf	3
Chest, trinket	1	Table, dinette	1
Chest, tool	1	Tables, radio	2
Coat hangers	102	Table and chairs, child's	1
Coffee table frames and bases	4	Tables, bedside	17
Chair frames, child's	8	Table, chesterfield	1
Doll house, furnished	1	Table, sewing	1
Desk, carved	1	Tables, kiddies'	9
Dresser, child's	1	Wardrobe, child's	1
Dressers	2	Wheelbarrows, toy	12
Dumb-bells	18		
Dairy sets, toy	6	<i>Repaired</i>	
Foot stools	7	Aluminum plates straightened	18
Foot stools, Queen Anne	5	Aluminum bowls straightened	4
Frames	16	Aluminum cups straightened	5
Frames, easel	6	Bedside tables	10
Fly trap	1	Child's kitchen cabinet	1
Frames, clothes hamper	13	Combination bookcase and desk	1
Lamps	26	Kiddies' chairs	28
Planes, toy	28	Mirrors replaced	3
Pull toys	88	Occasional chair	1
Pictures, framed for institution	138	Smoker's stand	1
Pictures, private	19	Staff quarters' chairs	15
Rocking horse	1	Table, kiddie's	1
Stands, teapot	23	Table with tray	1
Soap boxes	39	Verandah chairs	18

SHOE REPAIR SHOP, 1939-1940.

Bed cuffs, new	30	Ladies' wooden heels	34
Bed cuffs, repaired	2	Men's shoes soled and heeled.....	3,702
Braces repaired	142	Men's shoes half-soled	42
Dyeing shoes	18	Men's shoes heeled	210
Football cases repaired	3 only	Mitts repaired	32
Gum rubbers repaired	116	Patches	970
Heel linings	586	Sewing	2,476
Insoles—cork and leather	528	Shoes stretched	8
Insoles—felt	38	Skates sharpened	148
Ladies' shoes soled and heeled ..	730	Slippers repaired	4
Ladies' shoes half-soled	16	Straps and buckles	28
Ladies' shoes heeled	210	Truss—repaired	1 only

SEWING ROOM, 1939-1940.

	New	Repaired
Aprons, nurses'	461	193
Aprons, nurses' overall	60	.....
Aprons, cooks'	48	.....
Aprons, ticking	76	95
Aprons, tea	72	.....
Bibs, nurses'	417	60
Bags, coffee	12	.....
Bags, laundry	145	16
Belts	202	12
Bloomers	94	331
Blankets .....	.....	352
Cuffs and collars .....	.....	94
Curtains	96	37
Curtains, screen	12	.....
Caps, nurses'	98	.....
Cap, cook's	1	.....
Caps, bathing	12	.....
Covers, table	78	4
Combinations .....	.....	417
Drawers .....	.....	2,772
Dresses, cotton	2	559
Dresser scarfs	96	.....
Dressing gowns	25	.....
Diapers	60	4
Draw sheets .....	.....	15
Gowns, doctors' .....	.....	24
Gowns, night	900	2,340
Gowns, dressing .....	.....	14
Glove wrappers	18	.....
Kimonos .....	.....	51
Princess slips	60	550
Pillow cases	2,064	.....
Pyjama pants	12	.....
Pyjama coats	12	.....
Pneumonia jackets .....	.....	134
Pants, hydro	24	.....
Shirts .....	.....	38
Sheets	2,160	6,142
Skirts	3	6
Spreads .....	.....	609
Shirts, night .....	.....	1,627
Smocks	3	22
Strong dresses .....	.....	2,545
Tunics	1	10
Towels, tea	2,688	.....
Table cloths	97	10
Towels, bath	1,569	351
Towels, barber	105	76
Uniforms, blue	177	.....
Uniforms, white	71	104
Uniforms, striped	21	.....
Undershirts .....	.....	3,458
Vests .....	.....	253

MATTRESS SHOP, 1939-1940.

<i>New Work</i>			
Awnings	101	Sides, crib	8
Bath covers	11	Tarpaulins	1
Bath hammocks	6		
Blankets, hemmed	350	<i>Repair Work</i>	
Bags, sand	41	Blinds, roller	564
Blinds, roller	22	Bath covers	74
Cushions	5	Bath hammocks	119
Covers, ironing board	17	Barber chair rests	1
Covers, seat	12	Blankets	3
Covers, valve	6	Casings, mattress	252
Curtains	61	Casings, pillow	160
Kneelers	24	Cushion casings	7
Mattresses, wool	111	Cushions, refilled	147
Mattresses, crib	1	Curtains	60
Pillows, kapok	56	Mattresses, replaced	9
Pillows, feather	45	Mattresses, wool	5,259
Sheets, rubber long	212	Mattresses, strong	1,695
Sheets, rubber short	348	Pillows, kapok	987
Sheets, strong	66	Pillows, feather	504
Sheets, draw	78	Rugs	2
		Sheets, strong	121

TAILOR SHOP, 1939-1940.

Trousers (staff), cleaned and pressed	4,352
Trousers (staff), altered and braided	700
Whitecoats, altered and repaired	198
Ward suits, cleaned and pressed	281
Ward trousers, cleaned and pressed	795
Ward overcoats, cleaned and pressed	238
Ward dresses, cleaned and pressed	40
Ward ski suits, cleaned and pressed	24
Ward slacks, cleaned and pressed	2
Ward ski helmets, cleaned and pressed	27
Ward neckties, cleaned and pressed	38
Ward curtains, cleaned and pressed	283

Rough-wear Clothing.

Combination overalls, newly made	6
Kitchen aprons, repaired	439
Ward shirts, repaired	4,777
Ward overalls, repaired	4,994
Ward trousers, repaired (moleskin)	1,375
Ward smocks, repaired	521

The Psychopathic Ward

GENERAL HOSPITAL, REGINA, November 16, 1940.

DR. J. W. MACNEILL,
Commissioner of Mental Services,
North Battleford, Sask.

SIR,—

Herewith I am submitting a report on the work of the Psychopathic Ward for the year ended December 31, 1939.

In this year we have admitted, as you will note by Table No. 1, 208 patients, and there were in the hospital on January 1, 1939, 19 patients, making a total of 227 patients who were treated in this ward during the year. The total number of hospital days for the year was 6,523, and the average length of stay per patient was 28.7 days. Of this number of admissions there were returned to their homes, improved, 138 patients, and 6 patients returned home unimproved. There were 23 patients who were admitted for the purpose of diagnosis and these were admitted for various reasons, usually pending some form of inquiry. We transferred three patients to the Regina General Hospital for some further treatment of physical conditions, and 33 patients were transferred to our mental hospitals. There were 4 deaths of patients undergoing treatment while here, and we have had post-mortem examinations, with the cause of death determined by the hospital pathologist in each case. These are contained in Table No. 2. There were 20 patients remaining in the hospital on December 31, 1939. This accounts for the total number of patients dealt with, namely, 227.

During this past year we were able to have the ward completely redecorated and everything put in good order. Our equipment and the condition of the equipment is practically as it was at the time of our opening of this ward.

I have the honour to be, Sir,

Your obedient servant,

O. E. ROTHWELL, M.D.,
Director, Psychopathic Ward.

TABLE 1.—DISPOSITION OF PATIENTS.

Patients in hospital, January 1, 1939.....	19
Patients admitted during the year	208
	227
<i>Discharges</i>	
Returned home, improved	138
Returned home, unimproved	6
In for observation and diagnosis only	23
	167
Transferred to R.G.H. for further treatment.....	3
Transferred to Mental Hospitals	33
Patients died in Psychopathic Ward	4
Patients in hospital, December 31, 1939.....	20
	60
	227

TABLE 2.—DEATHS.

No.	Age	Sex	Cause of death	Predisposition
1,556	45	F.	Cerebral hæmorrhage	Psychosis with brain tumour
1,562	48	F.	Bronchopneumonia	Psychosis with somatic disease
1,619	26	M.	Meningitis	Brain abscess
1,737	37	M.	Pulmonary edema resulting from myocardial failure..	Manic-depressive psychosis, manic type

TABLE 3.—AGE OF PATIENTS.

1-14 years	15-34 years	35-54 years	From 55 years on
2.....11 years	1.....15 years	4.....35 years	2.....55 years
1.....14 "	1.....16 "	3.....36 "	6.....56 "
	3.....17 "	2.....37 "	2.....57 "
	2.....18 "	1.....38 "	5.....58 "
	2.....19 "	6.....39 "	3.....59 "
	3.....20 "	4.....40 "	2.....60 "
	5.....21 "	4.....41 "	4.....61 "
	4.....22 "	1.....42 "	2.....62 "
	7.....23 "	2.....43 "	2.....63 "
	4.....24 "	4.....44 "	1.....64 "
	4.....25 "	6.....45 "	1.....65 "
	4.....26 "	7.....46 "	4.....66 "
	4.....27 "	2.....47 "	2.....67 "
	6.....28 "	4.....48 "	1.....68 "
	3.....29 "	4.....49 "	2.....71 "
	9.....30 "	4.....50 "	1.....73 "
	9.....31 "	4.....51 "	1.....78 "
	8.....32 "	11.....52 "	1.....83 "
	1.....33 "	4.....54 "	1.....87 "
	5.....34 "		
3	85	77	43
Total 208			

TABLE 4.—CLASSIFICATION OF MENTAL DISEASES.

	M.	F.
1. Traumatic psychoses	1	.....
2. Senile psychoses	7	2
3. Psychoses with cerebral arteriosclerosis	2	.....
4. General paresis	3	.....
5. Psychoses with cerebral syphilis	2	1
6. Psychoses with Huntingdon's chorea .....	.....	.....
7. Psychoses with brain tumour	1	1
8. Psychoses with brain or nervous disease .....	.....	2
9. Alcoholic psychoses	2	1
10. Psychoses due to drugs or other exogenous toxins .....	.....	.....
11. Psychoses with pellagra .....	.....	.....
12. Psychoses with other somatic disease	2	2
13. Manic-depressive psychoses:		
(a) Manic	8	8
(b) Depressive	4	3
(c) Other types .....	.....	.....
14. Involitional melancholia	4	20
15. Dementia præcox	28	30
16. Paranoia and paranoid conditions .....	.....	.....
17. Epileptic psychoses	1	.....
18. Psychoneuroses and neuroses:		
(a) Hysteria	2	12
(b) Psychasthenia	10	16
(c) Neurasthenia	1	.....
(d) Other types	3	3
19. Psychoses with psychopathic personality	1	.....
20. Psychoses with mental deficiency .....	.....	1
21. Undiagnosed psychoses	1	.....
22. Without psychosis	20	3
	<hr/>	<hr/>
	103	105
	<hr/>	<hr/>
		<u>208</u>

TABLE 5.—MOVEMENT OF PATIENTS.

Month	Admissions		Readmissions		Discharges		Transfers		Deaths	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
January	11	5	4	.....	9	5	2	1	.....	.....
February	9	7	3	.....	5	4	2	2	.....	2
March	8	10	2	4	11	6	1	1	.....	.....
April	9	9	2	1	5	11	1	1	.....	.....
May	14	9	3	2	8	5	2	3	1	.....
June	10	11	.....	1	9	9	2	.....	.....	.....
July	2	10	.....	4	6	12	1	3	.....	.....
August	6	6	.....	2	6	7	.....	.....	.....	.....
September	5	8	.....	1	5	5	1	.....	.....	.....
October	8	10	1	.....	2	6	2	1	.....	.....
November	9	9	.....	2	9	6	1	3	.....	.....
December	12	11	3	2	8	11	1	2	1	.....
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	103	105	18	19	83	87	16	17	2	2

Registrar General

REGINA, SASK., *January 2, 1941.*

DR. R. O. DAVISON,
Deputy Minister and Registrar General.

SIR:

I have the honour to submit herewith the report of the Registrar General for the calendar year 1939.

Respectfully submitted,
D. K. LAFLAMME,
Supervisor.

ESTIMATED POPULATION, 1939.

The estimated population of Saskatchewan at June 1, 1939, was 949,000, an increase of 8,000 over 1938. These figures were supplied by the Dominion Bureau of Statistics.

TABLE 1.—ESTIMATED POPULATION OF SASKATCHEWAN BY MUNICIPALITIES, 1939.

Urban population	181,057	Villages	74,382
Rural population	767,943	Rural municipalities	663,379
Cities	148,828	Province	949,000
Towns	62,411		

NOTE: Cities and towns with a population of 1,000 or over are classified as urban centres.

TABLE 2.—ESTIMATED POPULATION OF THE CITIES OF SASKATCHEWAN, 1939.

Moose Jaw	20,187	Swift Current	5,173
North Battleford	4,811	Weyburn	5,441
Prince Albert	11,263	Yorkton	5,026
Regina	54,385		
Saskatoon	42,542	Total	148,828

TABLE 3.—ESTIMATED POPULATION OF SASKATCHEWAN BY SEX AND AGE PERIOD, 1939.

Age period	Male	Female	Total
Under five years	48,333	47,148	95,481
Five to nine years	52,980	51,317	104,297
Ten to fourteen years	54,903	53,114	108,017
Fifteen to nineteen years	53,695	52,981	106,676
Twenty to twenty-nine years	85,970	78,658	164,628
Thirty to thirty-nine years	61,665	52,250	113,915
Forty to forty-nine years	61,998	46,795	108,793
Fifty to fifty-nine years	51,407	33,129	84,536
Sixty to sixty-nine years	24,289	15,824	40,113
Seventy to seventy-nine years	10,260	7,733	17,993
Eighty and over	2,324	2,014	4,338
Unknown	144	69	213
Total	507,968	441,032	949,000

DOMINION TABLES

The Dominion Bureau of Statistics has been supplied with transcripts of all birth, marriage and death records. A number of the tables in this report were prepared from these transcripts by the Ottawa office and are the same as the tables published in the Dominion Report of Vital Statistics.

A number of Dominion tables, giving various rates for all the provinces are included. Excepting those for Saskatchewan, the figures have all been taken from the Preliminary Annual Report, Vital Statistics of Canada, 1939.

These figures indicate this province as having the fourth lowest birth rate, the second lowest marriage rate, and the lowest death rate.

Saskatchewan is also shown as having the lowest death rates for the following important causes of death: Tuberculosis, Cancer, Heart Diseases, Diseases of the Arteries, Pneumonia, Nephritis and automobile accidents.

TABLE 4.—ESTIMATED POPULATION AS AT JUNE 1, 1939.

Canada	11,301,000	Ontario	3,752,000
Prince Edward Island	95,000	Manitoba	727,000
Nova Scotia	554,000	Saskatchewan	949,000
New Brunswick	451,000	Alberta	789,000
Quebec	3,210,000	British Columbia	774,000

TABLE 5.—NATURAL INCREASE IN THE DOMINION. RATE PER 1,000 POPULATION.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-1930	13.0	8.7	9.0	13.3	17.0	9.8	13.4	17.4	15.8	6.9
1931-1935	11.7	10.8	10.3	13.7	15.5	8.2	11.7	15.4	14.8	5.1
1937	9.6	10.2	10.2	11.7	12.8	6.2	9.5	12.5	12.4	4.4
1938	11.0	10.0	11.2	14.7	14.3	7.7	10.5	12.9	12.8	6.6
1939	10.7	10.5	9.9	13.7	14.4	7.1	10.2	12.7	13.4	6.2

TABLE 6.—BIRTHS IN THE DOMINION (EXCLUSIVE OF STILLBIRTHS).
RATE PER 1,000 POPULATION.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-1930..	24.1	19.7	21.4	25.8	30.5	21.0	21.7	24.7	24.2	16.2
1931-1935..	21.4	22.1	22.0	24.9	26.6	18.3	19.3	21.9	22.1	14.0
1937.....	19.8	22.5	21.4	24.0	24.1	16.6	18.0	19.9	20.4	15.0
1938.....	20.5	21.0	22.3	25.7	24.6	17.6	18.7	19.4	20.3	16.4
1939.....	20.3	22.3	21.3	25.0	24.8	17.1	18.7	19.0	20.7	15.9

TABLE 7.—MARRIAGES IN THE DOMINION. RATE PER 1,000 POPULATION.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-1930..	7.3	5.4	6.3	7.4	6.9	7.8	7.5	7.0	8.0	7.5
1931-1935..	6.4	5.6	6.8	6.5	5.8	6.8	7.1	6.1	7.4	6.0
1937.....	7.9	6.3	8.0	8.3	7.9	8.1	8.5	6.2	8.2	8.2
1938.....	7.9	6.3	7.5	7.6	7.9	8.1	8.7	6.3	8.9	8.1
1939.....	9.2	6.7	9.0	8.3	9.0	9.2	10.6	7.7	9.9	10.2

TABLE 8.—DEATHS IN THE DOMINION. RATE PER 1,000 POPULATION.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-1930..	11.1	11.0	12.4	12.5	13.5	11.2	8.3	7.3	8.4	9.3
1931-1935..	9.7	11.3	11.7	11.2	11.1	10.1	7.6	6.5	7.3	8.9
1937.....	10.2	12.3	11.2	12.3	11.3	10.4	8.5	7.4	8.0	10.6
1938.....	9.5	11.0	11.1	11.0	10.3	9.9	8.2	6.5	7.5	9.8
1939.....	9.6	11.8	11.4	11.3	10.4	10.0	8.5	6.4	7.3	9.7

TABLE 9.—DEATH RATE PER 100,000 POPULATION IN DOMINION
FROM CERTAIN SPECIFIED CAUSES, 1939.

PROVINCE	23-32 Tuberculosis	45-53 Cancer	82 Cerebral hemorrhage	90-95 Heart disease	96-97-99-102 Diseases of the arteries	107-109 Pneumonia and bronchopneumonia	130-132 Nephritis	Automobile and motorcycle accidents
Prince Edward Island	65.3	111.6	32.6	195.8	85.3	107.4	90.5	7.4
Nova Scotia.....	77.3	131.6	33.9	180.0	102.7	82.9	59.9	15.2
New Brunswick	63.4	110.4	39.5	155.7	95.6	90.2	44.3	20.4
Quebec	83.5	99.9	13.1	139.2	65.8	61.4	93.2	12.1
Ontario	28.9	121.7	21.7	205.1	138.2	57.9	50.3	18.2
Manitoba	50.5	116.9	10.7	144.8	85.7	50.5	31.1	8.7
Saskatchewan	24.6	78.9	14.0	104.8	56.0	40.0	26.1	6.8
Alberta	35.7	82.0	12.2	126.4	69.7	45.8	27.1	10.3
British Columbia	71.1	134.9	15.6	187.9	103.1	48.1	45.1	15.5

TABLE 10.—INFANT MORTALITY IN THE DOMINION. RATE PER 1,000 LIVING BIRTHS.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-1930..	93	71	85	101	127	74	72	73	75	55
1931-1935..	75	67	73	82	98	61	61	62	60	46
1937.....	76	73	70	101	100	55	64	67	63	56
1938.....	63	58	62	75	83	49	56	52	51	45
1939.....	61	79	64	79	78	47	55	51	46	39

TABLE 11.—MATERNAL MORTALITY IN THE DOMINION. RATE PER 1,000 LIVING BIRTHS.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-1930..	5.7	4.6	5.5	6.2	5.2	5.8	5.6	5.9	6.6	6.1
1931-1935..	5.1	5.1	5.1	5.5	5.1	5.3	4.4	4.5	4.5	5.3
1937.....	4.9	5.7	3.0	3.7	5.2	5.2	4.3	4.6	4.8	4.5
1938.....	4.2	2.5	4.2	4.5	5.2	3.8	2.9	2.5	4.3	3.8
1939.....	4.2	8.0	4.1	4.8	4.6	4.3	3.5	3.3	3.6	3.1

TABLE 12.—ILLEGITIMATE BIRTHS (STILLBIRTHS EXCLUDED) IN THE DOMINION. PERCENTAGE OF ALL LIVE BIRTHS.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-1930..	3.01	2.4	5.1	2.9	2.8	3.2	3.5	2.3	3.0	2.3
1931-1935..	3.65	3.8	5.7	3.6	3.1	4.2	3.7	3.2	3.7	3.3
1937.....	3.89	3.0	6.0	3.6	3.2	4.5	3.7	3.5	3.9	3.9
1938.....	4.02	4.5	6.4	3.8	3.2	4.7	3.7	3.5	4.3	4.1
1939.....	3.96	4.7	6.3	3.6	3.4	4.5	3.7	3.7	3.7	4.0

TABLE 13.—STILLBIRTHS IN THE DOMINION. PERCENTAGE OF TOTAL BIRTHS.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-1930..	3.1	2.4	3.2	2.7	2.6	3.9	3.2	2.5	2.8	2.8
1931-1935..	2.9	3.3	3.4	2.8	2.9	3.4	2.7	2.3	2.5	2.4
1937.....	2.8	2.9	2.5	2.5	3.0	3.1	2.6	2.1	2.2	2.1
1938.....	2.7	3.0	2.8	2.7	2.9	3.0	2.5	2.0	2.2	2.0
1939.....	2.7	2.7	3.0	2.5	2.9	3.0	2.4	2.0	2.0	1.9

BIRTHS

Decreasing steadily over a number of years, as indicated by Diagram 1, the Saskatchewan birth rate has now dropped to 19.0 per 1,000 of population. A total number of 18,059 living births were registered for 1939, a decrease of 171 from 1938.

The average number of children to each family reporting a birth showed a slight decrease from 3.6 per family in 1938 to 3.5 per family in 1939.

Of the living births, 673, or 3.7%, were illegitimate.

The percentage of fathers born in Canada was 58.6, and of mothers 74.0.

TABLE 14.—BIRTHS, MARRIAGES AND DEATHS. RATES FOR THE PROVINCE, 1914-1939 (STILLBIRTHS EXCLUDED).

Year	Total births	Rate per 1,000	Total marriages	Rate per 1,000	Total deaths	Rate per 1,000
1914-1920	139,311	30.0	35,026	7.5	41,320	8.9
1921-1925	107,767	26.9	24,870	6.2	30,964	7.7
1926-1930	106,489	24.7	30,182	7.0	31,281	7.3
1931-1935	101,623	21.9	28,398	6.1	30,184	6.5
1936	19,125	20.5	6,168	6.6	6,314	6.8
1937	18,640	19.9	5,790	6.2	6,927	7.4
1938	18,230	19.4	5,893	6.3	6,079	6.5
1939	18,059	19.0	7,323	7.7	6,031	6.4

TABLE 15.—BIRTHS AND DEATHS, 1930-1939, AND NATURAL INCREASE PER 1,000 (STILLBIRTHS EXCLUDED).

Year	Estimated population	Male births	Female births	Total births	Per cent. increase or decrease	Male births per 1,000 females	Total deaths	Natural increase per 1,000
1930	903,000	11,407	10,644	22,051	I. 1.28	1,072	6,309	17.4
1931	921,785	10,942	10,389	21,331	D. 3.3	1,053	6,066	16.5
1932	933,000	10,687	10,127	20,814	D. 2.4	1,055	6,044	15.8
1933	932,000	10,353	9,792	20,145	D. 3.2	1,057	6,024	15.1
1934	932,000	10,175	9,589	19,764	D. 1.9	1,061	5,924	14.8
1935	931,000	10,063	9,506	19,569	D. 1.0	1,059	6,126	14.4
1936	931,000	9,839	9,286	19,125	D. 2.3	1,060	6,314	13.8
1937	939,000	9,526	9,114	18,640	D. 2.5	1,045	6,927	12.5
1938	941,000	9,381	8,849	18,230	D. 2.2	1,060	6,079	12.9
1939	940,000	9,249	8,810	18,059	D. .9	1,050	6,031	12.7

TABLE 16.—URBAN AND RURAL BIRTHS AND RATE PER 1,000, 1930-1939 (BY PLACE OF RESIDENCE, STILLBIRTHS EXCLUDED).

Year	Urban births	Rate per 1,000	Rural births	Rate per 1,000	Province births	Rate per 1,000
1930	4,317	27.8	17,734	24.4	22,051	24.4
1931	3,954	21.2	17,377	23.6	21,331	23.1
1932	3,399	18.0	17,415	23.4	20,814	22.3
1933	3,129	16.6	17,016	22.9	20,145	21.6
1934	3,015	16.1	16,749	22.5	19,764	21.2
1935	2,881	15.3	16,688	22.5	19,569	21.0
1936	2,786	15.7	16,339	21.7	19,125	20.5
1937	2,936	16.4	15,704	20.7	18,640	19.9
1938	2,804	15.6	15,426	20.3	18,230	19.4
1939	2,864	15.8	15,195	19.8	18,059	19.0

TABLE 17.—BIRTHS IN CITIES, 1939. (BY PLACE OF RESIDENCE. STILLBIRTHS EXCLUDED).

Month	Moose Jaw	North Battleford	Prince Albert	Regina	Saskatoon	Swift Current	Weyburn	Yorkton
January	30	6	19	77	40	9	5	9
February	10	6	14	78	46	8	1	10
March	26	9	25	92	42	8	8	9
April	26	7	19	83	52	6	6	13
May	21	6	18	83	53	11	8	7
June	16	5	11	67	39	7	3	11
July	34	6	23	93	42	8	6	7
August	30	3	23	84	58	11	1	7
September	22	6	26	78	38	13	6	8
October	30	4	21	67	41	9	4	7
November	19	5	20	79	51	9	6	10
December	24	5	17	80	38	2	4	8
Male	134	34	120	482	239	54	32	48
Female	154	34	116	479	301	47	26	58
Total	288	68	236	961	540	101	58	106
Rate	14.3	14.1	21.0	17.7	12.7	19.5	10.7	21.1

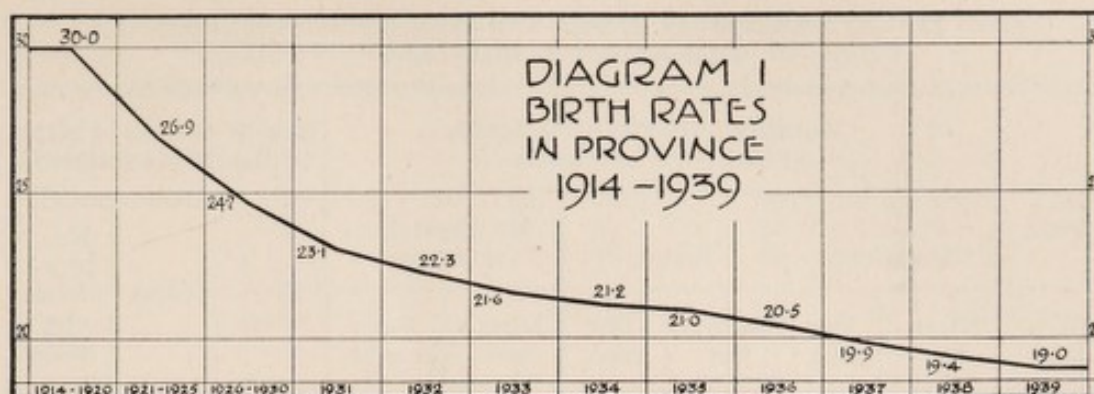


TABLE 18.—PLURAL BIRTHS, CLASSIFIED TO SHOW THE NUMBER OF CHILDREN BORN ALIVE AND STILLBORN BY SEX, 1939.

Classification of births	Number
Twin births	232
Two males (both living)	61
One male and one female (both living)	74
Two females (both living)	77
One male living and one male stillborn	9
One male living and one female stillborn	1
One male stillborn and one female living	3
One female living and one female stillborn	3
Two males (both stillborn)	3
Two females (both stillborn)	1
Triplet births	1
Three females (all living)	1
Total multiple births	233
No.	224
M.	243
F.	243
Total single live births	17,616
No.	9,043
M.	8,573
F.	8,573
Total single stillbirths	348
No.	190
M.	158
F.	158
Total confinements	18,197

TABLE 19.—ATTENDANTS AT BIRTH AND NUMBER OF CHILDREN WHO DIED AT BIRTH, 1930-1939.

Year	Number of births attended (Stillbirths included)						Deaths at time of birth (Stillbirths excluded)		
	Physician		Nurse		No physician or nurse		Phy- sician	Nurse	No. phy- sician or nurse
	Num- ber	Per cent.	Num- ber	Per cent.	Num- ber	Per cent.			
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
1932	14,946	70.1	266	1.2	6,127	28.7	284	....	63
1933	14,426	69.9	300	1.5	5,886	28.6	210	....	58
1934	14,054	71.1	319	1.6	5,391	27.3	173	....	54
1935	14,942	74.8	390	2.0	4,622	23.2	175	....	39
1936	15,126	77.3	257	1.3	4,173	21.4	172	....	23
1937	15,470	81.3	193	1.0	3,375	17.7	184	1	14
1938	14,959	82.1	190	1.0	3,081	16.9	149	....	12
1939	15,238	82.7	205	1.1	2,988	16.2	144	2	28

TABLE 20.—ILLEGITIMATE BIRTHS IN PROVINCE, 1914-1939
(STILLBIRTHS INCLUDED).

Year	Male	Female	Total	Rate per 1,000 of population	Rate per 1,000 births
1914-1920	512	532	1,044	.2	7.5
1921-1925	674	695	1,369	.4	12.7
1926-1930	1,309	1,178	2,487	.6	22.8
1931-1935	1,774	1,669	3,443	.7	33.9
1936	387	340	727	.8	37.2
1937	332	341	673	.7	35.4
1938	344	321	665	.7	35.8
1939	370	323	693	.7	37.6

TABLE 21.—RACIAL ORIGIN AND AGE OF MOTHERS OF ILLEGITIMATE CHILDREN BORN IN 1939 (STILLBIRTHS INCLUDED).

Racial origin	Age of mothers by period									Total
	Un- der 15	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 and over	Age un- known	
English	37	56	13	6	4	1	..	..	117
Irish	19	21	4	4	..	..	..	..	48
Scotch	19	31	13	4	3	2	..	..	72
Other British	1	3	1	..	..	..	..	..	5
French	23	19	12	1	1	..	..	..	56
Austrian	1	4	..	..	..	..	..	..	5
Danish	3	..	1	..	..	..	..	..	4
Dutch	2	4	2	1	..	..	..	..	9
German	2	37	33	11	6	6	1	..	..	96
Hungarian	2	2	5	2	2	..	..	..	13
Icelandic	1	2	..	..	..	..	..	..	3
Indian	1	24	35	11	13	12	1	2	1	100
Norwegian	5	5	4	6	..	4	..	1	25
Polish	2	5	5	1	1	..	..	..	14
Roumanian	4	3	1	..	..	..	..	..	8
Russian	2	6	4	..	..	..	..	..	12
Swedish	7	9	2	1	..	1	..	..	20
Ukrainian	1	22	25	15	8	4	2	..	..	77
Others	4	3	..	1	1	..	..	9
Total	4	211	267	107	53	34	13	2	2	693

TABLE 22.—PERCENTAGE OF PARENTS CANADIAN BORN, 1926-1939 (LEGITIMATE BIRTHS).

	1926- 1930	1931- 1935	1936	1937	1938	1939
Fathers	37.5	43.6	50.4	53.5	55.3	58.6
Mothers	44.3	54.3	64.7	68.6	70.6	74.0

TABLE 23.—BIRTHS—OCCUPATIONS OF FATHERS, 1939.

Occupation	Total
Owners, managers, etc.....	600
Office employees, (including government and municipal	284
Labourers	2,083
Farmers	11,117
Fishermen	20
Hunters and trappers.....	233
Shantymen	14
Miners	94
Factory employees.....	787
Construction	241
Transportation and public utilities	648
Trade and finance	450
Professional service	414
Recreational service	12
Customs and repairs	38
Personal service	219
Miscellaneous	122
No occupation	10
Total.....	17,386

TABLE 24.—BIRTHS SHOWING THE AGES OF MOTHERS BY PERIODS AND NUMBER OF CHILDREN (INCLUDING STILLBIRTHS), 1939.

Ages	Number of children	Percentage of total births
Under 15 years..	4	(1)
15-19 years	1,155	6.3
20-24 years.....	5,105	27.7
25-29 years.....	5,401	29.3
30-34 years.....	3,521	19.1
35-39 years.....	2,244	12.2
40-44 years.....	880	4.8
45 years and over	113	0.6
Age unknown....	8	(1)
Total.....	18,431	100.0

(1) Less than 0.1 per cent.

TABLE 25.—BIRTHS, SHOWING THE NUMBER OF CHILDREN AND NATIVITY OF MOTHERS (INCLUDING STILLBIRTHS), 1939.

Number of children	Total	Nativity of mothers				
		Canadian	British	American	Others	Unknown
1st child.....	5,180	4,571	186	199	222	2
2nd "	3,953	3,242	182	231	297	1
3rd "	2,659	2,042	142	193	282	..
4th "	1,832	1,243	128	202	259	..
5th "	1,262	810	83	136	233	..
6th "	944	538	86	103	217	..
7th "	678	375	50	92	161	..
8th "	544	281	93	89	81	..
9th "	412	179	27	77	129	..
10th "	314	149	16	54	95	..
11th "	219	95	4	41	79	..
12th "	160	66	5	25	64	..
13th "	116	51	2	18	45	..
14th "	63	19	3	8	33	..
15th "	40	18	..	8	14	..
16th "	27	8	..	2	17	..
17th "	12	2	5	1	4	..
18th "	6	1	2	1	2	..
19th "	4	3	..	..	1	..
Not given	6	5	..	..	1	..
Total	18,431	13,698	1,014	1,480	2,236	3

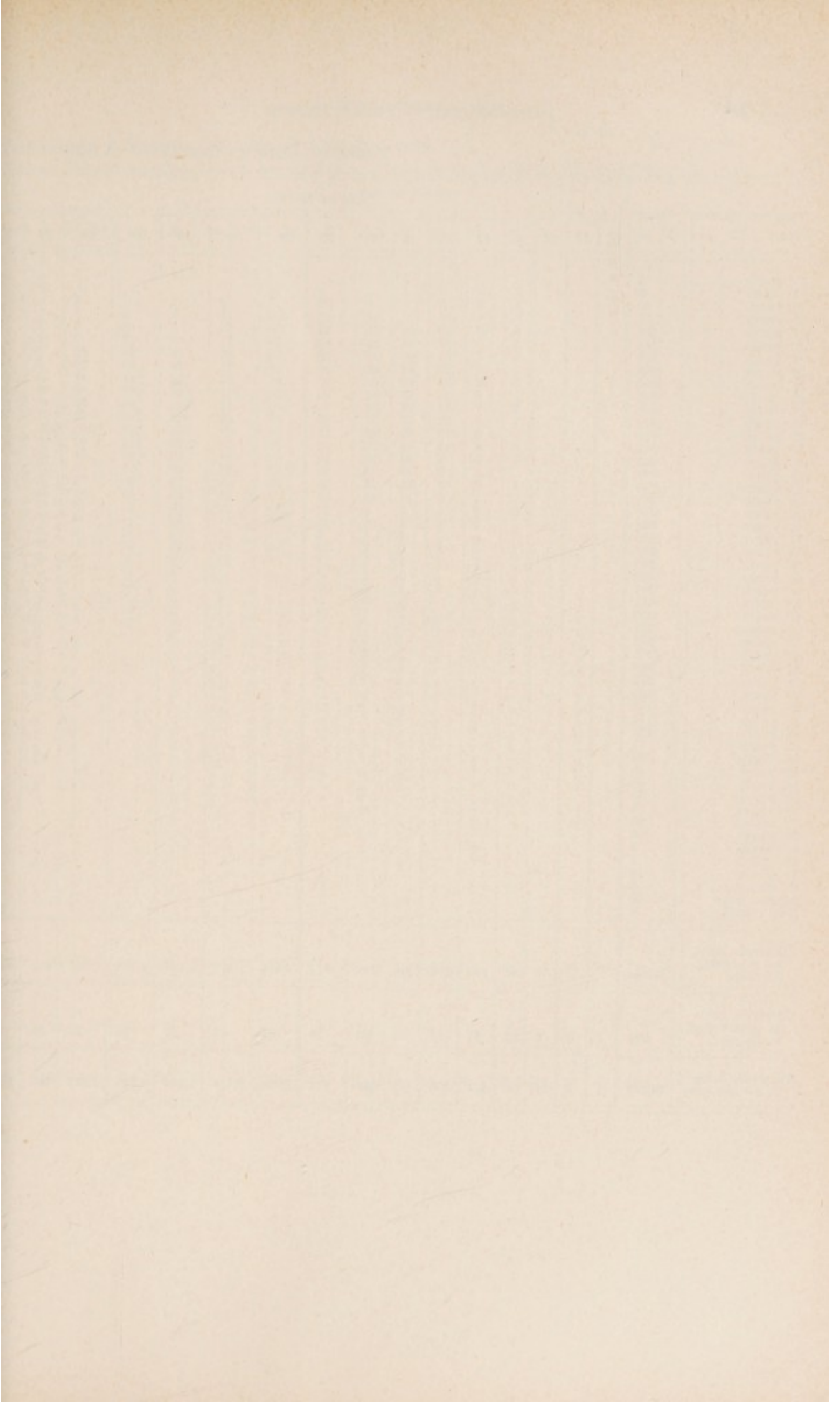


TABLE 26.—BIRTHS (exclusive of Stillbirths)

Age of Father	Total	Age of Mother															
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
17 years	1							1									
18 years	9				2	2	1	1		2	1						
19 years	30				1	3	3	9	6	3	1	2	1		1		
20 years	74				3	4	14	12	14	12	1	7	2	3	1		
21 years	172			3	6	13	19	29	30	25	19	10	5	6	3	2	1
22 years	301				1	6	28	45	52	50	58	21	15	12	7	4	
23 years	427			1	4	7	31	46	55	79	70	52	27	21	15	6	5
24 years	595				1	11	38	53	69	92	85	71	74	43	26	7	9
25 years	690				2	14	31	45	63	92	93	94	74	84	47	18	16
26 years	845				2	9	19	45	58	94	106	115	111	103	80	41	18
27 years	902				3	7	14	44	56	70	100	93	127	94	98	84	49
28 years	931				1	4	20	33	37	63	94	97	119	103	96	73	78
29 years	935					5	15	35	36	53	71	89	108	103	100	84	80
30 years	942				2	3	14	14	37	48	53	75	78	111	91	94	87
31 years	899				1	2	8	18	18	51	51	64	75	90	85	88	77
32 years	849					1	2	16	23	38	53	56	49	78	70	77	86
33 years	770				1	3	3	15	14	29	30	49	43	59	72	50	62
34 years	301					1	6	13	11	29	26	36	55	43	63	66	74
35 years	707				3	2	1	5	8	21	19	20	28	41	45	47	63
36 years	698					1	3	3	10	12	15	17	28	44	42	48	47
37 years	593							4	6	8	11	15	24	30	34	35	35
38 years	665				1		2	3	8	16	10	17	28	27	30	38	39
39 years	599					1	1	4	3	4	8	19	12	18	29	29	33
40 years	463							3	4	4	5	5	11	17	10	9	20
41 years	397						1	1	3	5	5	7	5	13	11	12	23
42 years	462							2	3	3	4	9	6	6	12	15	26
43 years	339							2	1	1	3	7	7	2	7	5	12
44 years	317									7	8	10	10	3	5	8	
45 years	293							1	1	1	4	4	6	1	9	6	
46 years	278							1	3	1	1	1	1	4	7	1	6
47 years	249							2	3	3	1	1	1	6	4	6	4
48 years	212								1	2		5		2	1	4	8
49 years	189									1	1	4	1	2		6	6
50 years	165								1		3		2		2	2	2
51 years	114							1	1		1	2		2			3
52 years	103									3	1			1	2	1	
53 years	71								1						3	1	1
54 years	60												1		2	2	
55 years	48					1						2	1	2	1	1	
56 years	42							2			1		1	1			2
57 years	30								2						1	2	
58 years	24										1						
59 years	25											1					1
60 years	14										1	1			1		
61 years	7																
62 years	8									1	1						
63 years	14															2	
64 years	6																1
65 and over	18													1		1	
Not stated	3														1		
Children born to married mothers	17,386			4	34	100	274	508	638	913	1,014	1,077	1,134	1,188	1,105	975	988
Children born to unmarried mothers	673	1	3	7	22	37	76	61	60	59	57	49	35	38	22	21	9
Children born to all mothers	18,059	1	3	11	56	137	350	569	698	972	1,071	1,126	1,169	1,226	1,127	996	997

TABLE 27.—BIRTHS, SHOWING AGES OF MOTHERS AND NUMBER OF CHILDREN (including Stillbirths) BY NATIVITY, 1939.

Number of children	15-19 years			20-24 years			25-29 years			30-34 years			35-39 years			40-44 years			45 years			Age unknown			Total									
	Under 15 years																																	
	Canadian	British	American	Others	Canadian	British	American	Others	Unknown	Canadian	British	American	Others	Canadian	British	American	Others	Canadian	British	American	Others	Canadian	Others	Unknown										
1st child	806	23	22	48	2,306	49	61	57	1	1,105	52	60	67	...	278	40	35	35	60	18	20	12	10	4	1	3	1	3	1	5,180				
2nd "	204	5	7	13	1,432	47	43	48	1	1,164	47	82	115	1	360	47	70	83	71	31	25	33	9	4	4	5	1	1	1	3,953				
3rd "	19	1	...	3	669	13	25	24	...	874	35	66	89	...	373	48	64	101	90	36	28	57	17	9	8	8	...	2	...	2,659				
4th "	3	...	...	1	208	7	7	8	...	586	35	59	68	...	315	46	79	98	114	32	50	67	17	8	6	15	...	1	...	1,832		
5th "	...	...	...	...	67	2	1	2	...	377	12	24	50	...	241	20	63	89	99	39	38	68	24	9	10	24	2	1	...	1,262
6th "	...	...	...	...	18	...	...	...	...	181	19	10	43	...	211	28	43	77	93	24	39	75	34	14	10	19	1	1	...	944
7th "	...	...	...	...	5	...	...	...	...	87	2	10	11	...	145	14	30	54	101	22	34	68	35	9	16	25	2	3	...	678
8th "	...	...	...	...	1	...	...	...	...	38	3	1	3	...	131	6	33	39	87	75	31	10	22	7	22	28	2	2	...	544
9th "	...	...	...	...	...	...	...	...	...	13	2	5	...	66	5	16	26	68	15	36	58	30	6	21	34	2	1	...	...	412
10th "	...	...	...	...	...	...	...	...	...	3	1	...	...	36	2	8	14	73	5	28	51	34	2	14	30	3	6	4	...	314
11th "	...	...	...	...	...	...	...	...	...	1	...	...	...	15	...	5	2	40	24	2	17	40	24	1	18	29	3	1	...	219
12th "	...	...	...	...	...	...	...	...	...	9	...	...	...	9	...	3	4	52	2	17	40	24	1	11	26	3	3	8	...	160
13th "	...	...	...	...	...	...	...	...	...	3	...	...	...	3	...	3	4	21	3	14	23	2	9	24	4	3	3	3	...	116
14th "	...	...	...	...	...	...	...	...	...	3	...	...	...	7	...	2	...	6	6	3	2	18	3	3	11	1	1	9	...	63
15th "	...	...	...	...	...	...	...	...	...	2	...	...	...	6	...	...	...	...	4	5	3	9	3	9	...	...	...	...	...	40
16th "	...	...	...	...	...	...	...	...	...	4	...	...	...	4	...	...	...	...	4	4	3	4	...	...	...	...	...	...	...	27
17th "	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	1	1	3	1	5	1	...	...	...	...	...	12
18th "	1	6			
19th "	1	4			
No. of children not given	1	6			
Total	4	1,032	29	29	65	4,707	118	138	141	1	4,429	206	314	451	1	1,188	256	451	626	977	303	368	596	327	86	157	310	28	16	23	46	6	1	118,431

TABLE 29.—LEGITIMATE BIRTHS (exclusive of Stillbirths) CLASSIFIED ACCORDING TO AGE AND RACIAL ORIGIN OF MOTHERS, 1939.

Racial origin of mother	Total	Age of Mother															40 and over	Not stat-ed									
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			30	31	32	33	34	35	36	37	38	39
English	2,901	..	6	14	50	88	124	155	143	187	203	222	202	194	167	162	147	120	112	95	82	85	62	60	44	54	123
Irish	1,556	2	4	8	28	44	61	91	107	104	94	121	102	102	91	78	80	83	75	45	37	43	37	28	24	30	69
Scottish	1,745	..	5	8	23	48	50	74	102	121	135	96	103	79	106	122	89	80	70	72	67	56	54	41	29	38	72
Welsh	89	..	..	..	1	4	5	1	3	9	7	7	5	4	1	8	5	4	4	2	1	2	2	4	3	4	6
French	1,205	1	..	9	14	29	45	55	78	83	69	83	72	68	61	64	55	48	39	36	50	36	41	26	35	26	82
Armenian	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austrian	166	..	..	..	2	2	2	8	8	12	7	6	9	5	10	8	9	13	10	5	7	6	6	5	6	7	13
Belgian	101	..	..	..	..	3	5	6	7	3	8	7	7	5	7	3	7	7	5	2	3	5	4	1	2	2	7
Bulgarian	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chinese	7	..	..	..	1	..	1	..	..	1	..	..	..	2	..	..	..	..	1	..	..	..	..	..	..	..	..
Czech and Slovak	114	..	..	..	..	4	4	4	4	2	11	5	8	6	8	4	5	5	5	2	8	3	3	2	2	3	8
Danish	84	..	..	1	1	1	2	4	6	5	8	2	5	6	5	4	3	1	6	3	2	1	1	2	6	2	8
Dutch	577	..	..	..	2	13	20	25	22	30	34	41	33	32	33	28	28	23	29	24	24	18	18	20	21	12	47
Finnish	42	..	..	..	1	3	3	4	5	2	3	3	2	2	2	2	2	2	1	1	3	..	..	1	1	1	1
German	3,607	2	2	12	39	85	111	201	222	229	242	258	249	205	212	196	177	144	149	127	126	103	97	75	77	74	195
Greek	2	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hungarian	341	1	1	1	9	8	6	22	25	17	20	22	25	15	24	11	23	7	24	9	10	8	11	7	6	9	21
Icelandic	69	..	..	..	1	1	4	1	3	4	2	3	3	5	10	2	5	3	3	3	3	3	2	3	1	4	3
Indian	640	6	6	10	28	36	32	37	36	35	35	31	36	23	29	36	16	18	12	16	20	20	16	18	23	24	44
Italian	18	..	..	..	..	..	..	..	..	..	2	1	2	1	4	1	..	..	1	..	..	..	..	..	..	..	..
Japanese	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jewish	41	..	..	..	..	..	1	1	..	1	3	3	4	4	3	4	2	2	4	5	2	..	..	1	1	..	..
Negro	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Norwegian	763	2	2	8	9	25	34	34	52	49	62	46	42	41	46	26	37	32	33	38	20	17	23	17	13	15	2
Polish	520	1	1	2	10	11	12	23	29	30	23	30	27	29	25	37	33	19	30	19	13	25	16	23	14	5	42
Roumanian	131	..	..	1	2	5	6	6	11	10	8	4	6	8	11	8	4	4	2	2	6	1	4	4	1	4	8
Russian	438	..	..	3	8	14	20	23	18	25	17	29	31	29	34	19	25	12	17	6	17	22	9	13	9	12	26
Serb and Croat	17	..	..	..	..	..	..	..	..	..	1	1	2	2	2	2	1	1	1	..	..	..	..	..	..	..	..
Swedish	370	..	..	..	8	13	9	20	22	18	21	25	20	32	24	22	20	10	19	11	14	10	12	7	8	5	20
Swiss	21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Syrian	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ukrainian (1)	1,775	1	6	20	30	69	81	112	107	102	114	136	101	83	88	103	85	55	63	54	48	56	43	38	44	37	99
Other	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Not specified	16	..	..	..	1	..	..	..	3	1	2	2	1	1	1	1	1	1	2	1	1	1	..	..	..	..	..
Total	17,386	4	34	100	274	508	638	913	1,014	1,077	1,134	1,188	1,105	975	988	956	864	683	689	592	571	527	472	396	375	371	935

(1) Including "Galician" and "Bukovinian".

TABLE 30.—BIRTHS (exclusive of Stillbirths) CLASSIFIED ACCORDING TO RACIAL ORIGIN OF PARENTS, 1939.

Racial origin of father	Racial origin of mother																Total										
	English	Irish	Scottish	Welsh	French	Austrian	Belgian	Czech and Slovak	Danish	Dutch	Finnish	German	Hungarian	Icelandic	Indian	Italian		Jewish	Norwegian	Polish	Roumanian	Russian	Serb and Croat	Swedish	Swiss	Syrian	Ukrainian (1)	Others and not specified
English	1,274	356	489	29	120	16	8	7	24	46	2	252	12	8	8	2	..	128	12	5	14	1	48	6	1	36	6
Irish	1,722	415	345	18	95	9	5	3	13	36	2	177	12	6	4	2	..	90	12	3	4	..	37	2	..	16	4
Scottish	1,784	505	471	19	70	4	5	3	5	34	4	154	10	12	14	2	..	81	7	2	5	..	45	1	..	16	4
Welsh	1,119	36	22	6	3	..	..	1	1	..	..	9	..	..	..	..	..	6	..	1	2	..	11	1	..	13	2
French	1,223	116	64	..	755	5	21	1	1	2	4	73	5	..	12	1	..	28	14	1	2	..	..	..	..	11	1
Austrian	1,172	14	8	..	3	80	1	..	1	2	..	20	5	..	..	..	..	11	7	..	9	..	..	..	..	11	1
Belgian	87	7	5	1	17	1	31	..	..	..	..	10	1	..	1	..	..	2	1	..	..	..	..	..	..	1	..
Chinese	14	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Czech and Slovak	126	5	2	..	2	..	1	71	22	..	..	12	7	..	..	..	..	..	6	1	2	..	..	..	..	10	1
Danish	17	6	17	1	4	1	1	..	3	..	..	14	2	..	..	..	..	11	1	1	4	..	7	..	..	2	1
Dutch	593	37	29	3	11	1	2	1	1	417	..	24	2	1	..	..	..	9	2	1	4	..	7	2	..	2	1
Finnish	32	1	1	..	1	..	..	..	..	..	20	2	1	..	..	..	..	1	2	..	..	..	..	..	..	1	..
German	3,463	199	133	6	70	18	17	11	4	19	3	2,574	28	3	3	1	..	52	33	11	54	5	33	3	..	47	6
Hungarian	319	10	6	2	4	4	2	1	..	1	2	25	246	29	..	..	..	2	4	6	2	..	..	..	..	5	3
Icelandic	75	12	10	5	1	..	..	..	..	1	2	5	..	..	..	..	..	1	1	1	..	..	..	..	..	3	..
Indian	612	2	3	..	8	..	..	..	..	..	..	5	..	..	596	11	..	1	1	1	..	..	..	..	..	..	..
Italian	27	1	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jewish	47	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Norwegian	687	101	75	2	18	3	3	2	8	7	1	68	1	1	..	..	..	39	1	1	2	..	..	..	..	17	..
Polish	523	8	11	3	7	7	7	2	2	1	1	36	2	..	..	..	..	4	298	2	8	1	..	..	..	133	..
Roumanian	133	6	3	..	2	2	1	1	..	..	..	14	3	..	..	..	..	1	1	3	84	4	..	..	..	9	1
Russian	446	12	3	..	3	8	1	1	..	4	..	51	2	..	..	..	..	1	10	2	306	8	..	..	..	31	..
Serb and Croat	16	2	..	..	..	1	..	..	3	5	3	40	1	..	2	..	..	..	4	1	1	..	..	..	..	2	..
Swedish	419	61	38	..	5	1	..	..	..	1	..	2	..	..	..	..	..	69	4	..	..	..	126	2	..	7	..
Swiss	37	5	5	..	2	2	1	..	..	1	..	9	..	..	..	..	..	1	..	..	..	..	3	2	..	..	..
Syrian	16	3	1	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ukrainian (1)	1,616	10	12	1	3	3	1	5	1	..	..	25	9	1	..	..	..	4	100	7	15	..	2	1	..	1,405	..
Others and not specified	39	5	2	..	..	..	..	1	..	..	..	4	..	..	..	..	..	2	..	..	..	..	1	..	..	5	13
Children born to T. married mothers	17,386	2,901	1,556	89	1,205	166	101	114	84	577	42	3,607	341	69	640	18	41	763	520	131	438	17	370	21	9	1,775	46
Children born to T. unmarried mothers	8,890	1,476	831	37	632	87	44	57	45	283	27	1,872	165	34	315	8	19	372	272	70	213	10	200	7	4	899	24
Children born to M. married mothers	8,496	1,425	725	52	573	79	57	57	39	294	15	1,735	176	35	325	10	22	391	248	61	225	7	170	14	5	876	22
Children born to T. unmarried mothers	673	111	48	5	52	5	2	1	4	8	..	94	14	3	96	..	..	24	14	8	12	..	20	..	2	74	2
Children born to M. unmarried mothers	359	54	27	38	30	4	..	1	2	2	..	55	10	2	51	..	..	13	8	4	8	..	11	..	1	35	1
Children born to F. all mothers	314	57	21	2	22	1	2	2	6	..	..	39	4	1	45	..	..	11	6	4	4	..	9	..	1	39	1
Children born to T. all mothers	18,059	3,012	1,604	94	1,257	171	103	115	88	585	42	3,701	355	72	736	18	41	787	534	139	450	17	390	21	11	1,349	48
Children born to M. all mothers	9,249	1,530	858	39	662	91	44	58	47	285	27	1,927	175	36	366	8	19	385	280	74	221	10	211	7	5	934	25
Children born to F. all mothers	8,310	1,482	746	55	595	80	59	57	41	300	15	1,774	180	36	370	10	22	402	254	65	229	7	179	14	6	915	23

(1) Including "Galician" and "Bukovinian".

TABLE 31.—BIRTHS (exclusive of Stillbirths)

Birthplace of father	Total	Birthplace of mother													
		Canada									British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. not specified	England	Ireland	Scotland	Wales
Canada	10,192	17	23	20	210	467	779	7,084	172	33	1	243	35	113	6
Prince Edward Island	62	6	1	..	..	6	9	22	..	..	..	6	..	2	..
Nova Scotia	73	..	8	..	..	9	8	29	1	..	..	5	..	4	..
New Brunswick	43	..	..	2	1	7	5	18	..	..	..	3	..	..	1
Quebec	417	1	2	1	112	23	40	161	4	..	..	1	3	2	..
Ontario	1,240	3	3	8	23	174	124	572	25	9	..	68	8	36	4
Manitoba	1,245	..	2	3	23	64	245	685	20	1	..	42	5	17	..
Saskatchewan	6,910	6	7	5	50	176	339	5,473	97	20	..	113	19	51	1
Alberta	155	..	..	1	1	6	6	95	23	..	..	4	..	1	..
British Columbia	42	1	..	..	..	2	3	26	1	3	..	1	..	..	..
Province not specified	5	..	..	..	..	..	..	3	1	..	1	..	..	..	..
British Isles	1,461	..	5	3	17	93	114	689	25	6	2	225	27	74	13
England	892	..	2	3	10	56	62	413	16	5	1	174	7	22	10
Ireland	138	..	..	..	4	7	14	66	..	..	..	12	17	5	..
Scotland	375	..	2	..	3	25	35	179	9	..	1	33	3	47	1
Wales	55	..	1	..	..	5	3	30	..	1	..	6	..	..	2
Other	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
British Possessions	19	..	..	..	..	2	1	7	..	..	..	2	..	1	..
Newfoundland	6	..	..	..	..	2	..	2	..	..	..	..	..	..	..
Other	13	..	..	..	..	..	1	5	..	..	..	2	..	1	..
Europe	3,777	..	3	2	14	40	192	1,534	29	8	1	17	4	9	..
Austria	550	..	..	..	3	5	25	229	4	..	1	1	1	..	..
Belgium	56	..	..	1	3	3	5	29	1	..	..	..	..	1	..
Denmark	82	..	..	..	..	3	9	36	..	..	..	4	..	..	..
Finland	13	..	..	..	1	..	..	9	..	..	..	..	..	..	..
France	49	..	..	..	1	2	7	21	1	..	..	1	1	..	..
Germany	300	..	..	1	1	4	10	132	3	1	..	2	..	1	..
Holland	26	..	..	..	..	2	2	6	1	..	..	2	..	2	..
Hungary	199	..	..	..	..	1	..	83	2	..	..	..	..	..	..
Italy	17	..	..	..	4	..	..	3	..	1	..	..	1	..	..
Norway	190	..	1	..	1	6	7	85	..	..	..	3	..	2	..
Poland	710	..	..	..	..	2	44	269	4	1	..	..	..	..	..
Roumania	212	..	..	..	1	1	1	92	..	..	..	..	..	1	..
Russia ⁽¹⁾	1,064	..	1	..	2	1	69	397	9	3	..	3	..	..	..
Sweden	163	..	..	..	1	4	9	76	4	1	..	1	1	2	..
Other	146	..	1	..	..	2	4	67	..	1	..	..	..	..	..
Asia	21	..	..	..	..	2	..	6	2	2	..	..	..	..	..
China	10	..	..	..	..	..	..	3	2	2	..	..	..	..	..
Japan	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other	10	..	..	..	..	2	..	3	..	..	..	..	..	..	..
United States	1,899	4	5	3	38	104	120	913	49	5	..	61	9	29	3
Various	13	..	..	..	..	..	..	7	..	..	..	..	..	..	..
Not specified	4	..	..	..	..	..	..	3	1	..	..	..	..	..	..
Children born to married mothers	17,386	21	36	28	279	708	1,206	10,243	278	54	4	548	75	226	22
Children born to unmarried mothers	673	1	..	..	1	12	46	519	7	2	1	12	1	8	..
Children born to all mothers	18,059	22	36	28	280	720	1,252	10,762	285	56	5	560	76	234	22

(1) Including the Ukraine.

CLASSIFIED ACCORDING TO BIRTHPLACES OF PARENTS, 1939.

Newfoundland	Birthplace of mother																	United States	Various	Not specified		
	British Poss.	Europe														Asia						
	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia (1)	Sweden	Other	China	Japan	Other			
..	4	46	13	1	..	11	41	2	20	..	21	66	8	109	13	14	..	..	..	617	3	..
..	1	..	..	..	..	1	1	..	..	..	..	..	..	1	..	..	..	..	..	7	..	..
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	8	..	..
..	..	1	2	1	..	1	..	..	..	..	1	2	..	..	..	..	..	..	..	4	..	..
..	1	1	2	..	..	2	6	..	1	..	6	2	..	5	5	2	..	..	..	59	..	..
..	..	6	3	..	..	3	5	2	1	..	5	8	1	23	2	2	..	..	..	150	..	..
..	2	37	6	..	..	3	26	..	17	..	9	51	6	78	3	10	..	..	..	76	1	..
..	..	..	..	..	..	..	2	..	1	..	..	3	1	2	2	..	..	..	..	303	2	..
..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..
..	2	1	1	..	1	1	3	2	2	1	1	3	..	9	7	..	..	..	..	134	..	..
..	2	1	1	..	1	1	1	1	1	1	1	1	..	8	3	..	..	..	..	89	..	..
..	..	..	..	..	..	..	..	1	1	..	..	1	..	1	1	..	..	..	..	9	..	..
..	..	..	..	..	..	..	2	1	..	..	..	..	..	1	3	..	..	..	..	30	..	..
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	6	..	..
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	5	..	..
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	..	..
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	3	..	..
1	1	257	19	13	3	9	109	6	115	5	38	395	97	518	24	59	..	..	..	252	3	..
..	1	225	1	..	..	..	6	1	..	..	..	10	5	17	1	..	..	..	..	13	1	..
..	..	..	10	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..
..	..	..	..	13	..	..	..	..	..	..	1	..	..	..	2	1	..	..	..	13	..	..
..	..	..	3	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..
..	..	4	1	..	..	1	81	3	4	..	..	6	..	14	..	4	..	..	..	27	..	..
..	..	1	1	..	..	..	1	2	..	..	..	1	..	..	1	..	..	..	..	5	..	..
..	..	..	..	..	..	..	3	..	99	..	..	..	2	3	..	..	..	..	..	5	..	..
..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	1	..	..	..	2	..	..
..	..	2	..	..	..	1	..	..	..	..	33	1	..	1	2	..	..	..	..	44	1	..
..	..	10	..	..	..	..	5	..	..	..	..	343	2	19	..	1	..	..	..	10	..	..
..	..	2	..	..	..	..	..	..	5	..	..	6	75	13	..	2	..	..	..	13	..	..
1	..	11	1	..	..	..	10	..	5	..	..	26	12	444	..	..	..	..	..	68	1	..
..	..	..	..	..	..	..	1	..	..	..	4	1	..	1	19	2	..	..	..	36	..	..
..	..	2	2	..	..	..	1	..	1	..	..	1	1	6	..	17	..	..	..	10	..	..
..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	2	2	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
1	..	6	5	6	3	1	18	2	4	..	19	4	8	42	12	4	..	..	..	417	3	1
..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	2	1	..
..
2	7	311	39	20	7	23	171	12	141	6	79	470	113	680	56	77	1	1	2	1,429	10	1
..	..	5	..	..	..	3	4	1	3	..	1	7	1	4	2	1	..	..	..	29	..	2
2	7	316	39	20	7	26	175	13	144	6	80	477	114	684	58	78	1	1	2	1,458	10	3

TABLE 32.—TOTAL LIVE BIRTHS AND LIVE BIRTHS IN INSTITUTIONS SHOWING THE NUMBER OF MOTHERS NON-RESIDENT IN THE PROVINCE, 1939.

	All live births		In Institutions	
	Total	Mothers non-resident in province	Total	Mothers non-resident in province
Total for the province.....	18,059	164	9,706	132

MARRIAGES

Marriages increased 1,433, or 24.3%, over 1938, there being 7,323 marriages registered in 1939, the rate being 7.7, as compared with 6.3 in 1938.

As in past years, the months of October and November again proved most popular for marriages in this province, 3,059, or 41.2%, of the total marriages taking place in these months.

Of the contracting parties 77.2% of the grooms and 88.4% of the brides were Canadian born.

TABLE 33.—MARRIAGES IN PROVINCE BY MONTH AND RATE PER 1,000. 1926-1939.

Month	1926-1930	1931-1935	1936	1937	1938	1939
January	2,440	1,818	345	316	245	312
February	2,138	1,844	323	262	251	259
March	1,862	1,465	284	327	234	184
April	2,000	1,869	376	359	344	404
May	1,342	1,471	300	306	329	323
June	2,916	2,865	473	626	571	510
July	2,856	2,484	522	567	480	553
August	2,230	1,620	311	381	295	326
September	1,617	1,560	559	577	411	667
October	3,094	4,194	1,285	1,011	1,298	1,707
November	4,605	4,741	884	686	964	1,352
December	3,082	2,467	506	372	471	726
Total	30,182	28,398	6,168	5,790	5,893	7,323
Rate	7.0	6.1	6.6	6.2	6.3	7.7

TABLE 35.—AGE AND CONDITION OF WOMEN WHO MARRIED, 1939.

Condition	Age period											Total	
	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
Spinsters who married	2,248	2,750	1,372	316	76	15	5	...	...	...	1	...	6,783
Bachelors	35	42	36	31	17	7	4	...	...	...	...	...	175
Widowers	1	22	18	14	1	1	...	...	...	...	...	...	57
Divorced men													
Total spinsters	2,284	2,814	1,426	361	94	23	9	...	3	...	1	...	7,015
Widows who married	...	9	21	17	14	17	14	5	8	1	1	...	107
Bachelors	...	3	3	9	9	15	14	13	18	17	14	6	121
Widowers	...	...	...	1	...	2	1	...	1	1	...	...	6
Divorced men	...	...	...	...	...	...	...	...	...	...	...	...	6
Total widows	...	12	24	27	23	34	29	18	27	19	15	6	234
Divorced women who married	...	8	14	15	6	7	1	...	1	...	...	...	52
Bachelors	...	1	1	2	1	2	2	2	...	...	...	...	11
Widowers	...	...	3	2	3	1	2	...	...	...	...	...	11
Divorced men	...	...	...	...	...	...	...	...	...	...	...	...	...
Total divorced women	...	9	18	19	10	10	5	2	1	...	...	...	74
Total women	2,284	2,835	1,468	407	127	67	43	20	31	19	16	6	7,323

TABLE 37.—MARRIAGES—BIRTHPLACE OF BRIDEGRROOMS AND BRIDES, 1939.

Birthplace of bridegroom	Birthplace of bride													Total brides	Total grooms													
	Europe										British Isles					Canada												
	Other	Sweden	Russia (1)	Roumania	Poland	Norway	Hungary	Holland	Germany	France	Finland	Denmark	Belgium			Austria	Other British	Wales	Scotland	Ireland	England	British Columbia	Alberta	Saskatchewan	Manitoba	Ontario	Quebec	New Brunswick	Nova Scotia	Prince Edward Island
Canada	1	4	37	6	38	9	4	3	13	1	3	2	3	3	3	2	15	39	19	94	4,603	280	154	37	3	7	3	5,650
Prince Edward Island																												1
Nova Scotia																												17
New Brunswick																												21
Quebec																												92
Ontario																												392
Manitoba																												486
Saskatchewan																												4,466
Alberta																												122
British Columbia																												35
British Isles																												525
England																												352
Ireland																												38
Scotland																												122
Wales																												12
Other																												1
British Possessions																												9
Newfoundland																												2
Other																												7
Europe																												661
Austria																												44
Belgium																												15
Denmark																												17
Finland																												5
France																												14
Germany																												51
Holland																												9
Hungary																												32
Italy																												3
Norway																												36
Poland																												156
Roumania																												43
Russia (1)																												160
Sweden																												46
Other																												30
Asia																												4
China																												2
Other																												2
United States																												472
Various																												2
Total brides																												7,323
United States																												262
Asia—China																												1
Other																												17
Sweden																												13
Russia (1)																												108
Roumania																												16
Poland																												88
Norway																												15
Hungary																												16
Holland																												6
Germany																												35
France																												3
Finland																												4
Denmark																												7
Belgium																												4
Austria																												14
Other British																												3
Wales																												10
Scotland																												55
Ireland																												20
England																												153
British Columbia																												24
Alberta																												122
Saskatchewan																												367
Manitoba																												197
Ontario																												44
Quebec																												6
New Brunswick																												8
Nova Scotia																												4
Prince Edward Island																												4

(1) Including the Ukraine.

TABLE 39.—MARRIAGES—LITERACY OF BRIDEGROOMS AND BRIDES, CLASSIFIED BY BIRTHPLACE, 1939.

Birthplace	Bridegrooms			Brides		
	Total	Illiterate	Per cent. illiterate	Total	Illiterate	Per cent. illiterate
Total	7,323	57	0.8	7,323	53	0.7
Canada	5,650	45	0.8	6,471	40	0.6
Prince Edward Island	17	.....	.....	4	.....	.....
Nova Scotia	21	.....	.....	8	.....	.....
New Brunswick	19	.....	.....	6	.....	.....
Quebec	92	2	2.2	44	.....	.....
Ontario	392	.....	.....	197	.....	.....
Manitoba	486	4	0.8	367	.....	.....
Saskatchewan	4,466	38	0.9	5,699	40	0.7
Alberta	122	1	0.8	122	.....	.....
British Columbia	35	.....	.....	24	.....	.....
British Isles	525	.....	.....	238	.....	.....
England	352	.....	.....	153	.....	.....
Ireland	38	.....	.....	20	.....	.....
Scotland	122	.....	.....	55	.....	.....
Wales	12	.....	.....	10	.....	.....
Other	1	.....	.....	.....	.....	.....
British Possessions	9	.....	.....	3	.....	.....
Newfoundland	2	.....	.....	1	.....	.....
Other	7	.....	.....	2	.....	.....
Europe	661	11	1.7	346	12	3.5
Austria	44	1	2.3	14	1	7.1
Belgium	15	.....	.....	4	.....	.....
Denmark	17	.....	.....	7	.....	.....
Finland	5	.....	.....	4	.....	.....
France	14	.....	.....	3	.....	.....
Germany	51	.....	.....	35	.....	.....
Holland	9	.....	.....	6	.....	.....
Hungary	32	.....	.....	16	.....	.....
Italy	3	.....	.....	1	.....	.....
Norway	36	.....	.....	15	.....	.....
Poland	156	3	1.9	88	5	5.7
Roumania	43	2	4.7	16	2	12.5
Russia (1)	160	5	3.1	108	4	3.7
Sweden	46	.....	.....	13	.....	.....
Other	30	.....	.....	16	.....	.....
Asia	4	.....	.....	1	.....	.....
China	2	.....	.....	1	.....	.....
Other	2	.....	.....	.....	.....	.....
United States	472	1	0.2	262	1	0.4
Various	2	.....	.....	1	.....	.....
Not specified .....	.....	.....	.....	1	.....	.....

(1) Including the Ukraine .

DIVORCES

Decrees absolute filed during 1939 were 132.

The year's divorce rate per 1,000 marriages was 18.0. In 1938 the number of divorces was 120 and the rate 20.4.

Husbands were the plaintiffs in 45.5% of the actions, and wives in 54.5%.

TABLE 40.—DIVORCES, 1939.

Number of divorces granted	132
Plaintiffs, husbands	60
Plaintiffs, wives	72
Number of divorces granted to persons who were married in Saskatchewan	111

TABLE 41.—DIVORCES, 1939. REASONS FOR DECREE.

Reason	Husband	Wife	Total
Adultery	72	55	127
Bigamy .....	.....	3	3
Incapacitated through mental disease at time of marriage .....	.....	1	1
Non-age and impotency .....	.....	1	1
Total	72	60	132

TABLE 42.—DIVORCES, 1939. NUMBER OF YEARS MARRIED.

Number of years married	Number of divorces	Number of years married	Number of divorces
1 year	1	15 years	7
3 years	2	16 years	4
4 years	2	17 years	4
5 years	4	18 years	2
6 years	8	19 years	2
7 years	8	20 years	2
8 years	11	21 years	1
9 years	10	22 years	4
10 years	12	25 years	3
11 years	9	26 years	4
12 years	9	27 years	6
13 years	5	28 years	2
14 years	7	32 years	2
		33 years	1

TABLE 43.—DIVORCES, 1939. RELIGIOUS DENOMINATIONS OF THOSE WHO WERE MARRIED IN SASKATCHEWAN.

Denomination	Husband	Wife	Total
Anglican	27	20	47
Associated Bible Students .....	..	1	1
Baptist	4	5	9
Greek Catholic	3	2	5
Greek Orthodox	1	1	2
Jew	1	..	1
Lutheran	14	16	30
Mennonite	1	1	2
Methodist	7	7	14
Moravian	1	..	1
Non-denominational	1	..	1
Presbyterian	14	13	27
Reorganized Church of Latter Day Saints	1	..	1
Roman Catholic	10	15	25
Salvation Army	1	1	2
Student of Christian Science .....	..	1	1
United Church	20	23	43
Not stated or not registered	5	5	10

TABLE 44.—DIVORCES GRANTED, 1920-1939.

Year	By whom obtained		Total
	Husband	Wife	
1920-1925	153	71	224
1926-1930	167	127	294
1931-1935	123	159	282
1936	39	40	79
1937	44	65	109
1938	42	80	122
1939	60	72	132
Total	628	614	1,242

DEATHS

Deaths, exclusive of stillbirths, registered in 1939 numbered 6,031, a decrease of 48 from the 1938 total of 6,079. The death rate, the lowest in Canada, was 6.4 per 1,000 of population.

TABLE 45.—DEATHS IN PROVINCE BY MONTHS AND RATES PER 1,000, 1935-1939 (Stillbirths excluded).

Months	1935		1936		1937		1938		1939	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
January	608	7.9	506	6.5	665	8.5	522	6.7	492	6.2
February	477	6.2	598	7.7	748	9.6	494	6.3	488	6.2
March	592	7.7	601	7.7	720	9.2	571	7.3	498	6.3
April	558	7.1	557	7.2	662	8.5	474	6.0	515	6.5
May	579	7.5	565	7.3	588	7.5	537	6.8	510	6.4
June	520	6.7	473	6.1	545	7.0	464	5.9	464	5.9
July	487	6.3	488	6.3	468	6.0	480	6.1	502	6.3
August	462	6.0	413	5.3	513	6.6	482	6.1	466	5.9
September	420	5.5	518	6.7	479	6.1	467	6.0	503	6.4
October	499	6.4	538	6.9	536	6.8	528	6.7	514	6.5
November	441	5.7	505	6.5	523	6.7	541	6.9	546	6.9
December	483	6.2	552	7.1	480	6.1	519	6.6	533	6.7
Year	6,126	6.6	6,314	6.8	6,927	7.4	6,079	6.5	6,031	6.4

TABLE 46.—URBAN AND RURAL DEATHS BY MONTHS AND RATES PER 1,000, 1939
(By Place of Residence. Stillbirths excluded).

Months	Urban		Rural		Province	
	No.	Rate	No.	Rate	No.	Rate
January	94	6.2	398	6.2	492	6.2
February	112	7.4	376	5.9	488	6.2
March	115	7.6	383	6.0	498	6.3
April	109	7.2	406	6.3	515	6.5
May	103	6.8	407	6.4	510	6.4
June	101	6.7	363	5.7	464	5.9
July	125	8.3	377	5.9	502	6.3
August	100	6.6	366	5.7	466	5.9
September	110	7.3	393	6.1	503	6.4
October	110	7.3	404	6.3	514	6.5
November	98	6.5	448	7.0	546	6.9
December	123	8.2	410	6.4	533	6.7
Year	1,300	7.2	4,731	6.2	6,031	6.4

TABLE 47.—DEATHS IN CITIES BY MONTHS AND RATES PER 1,000, 1939
(By Place of Residence. Stillbirths excluded).

Months	Moose Jaw	North Battleford	Prince Albert	Regina	Sask- atoon	Swift Current	Weyburn	Yorkton	All Cities
January	10	3	5	24	27	2	2	3	76
February ..	10	4	8	32	25	..	3	1	83
March	13	2	4	34	24	2	3	5	87
April	13	4	9	29	22	2	3	2	84
May	13	1	8	46	19	2	4	3	96
June	10	1	11	19	26	3	2	6	78
July	20	2	8	33	28	1	4	2	98
August	8	3	10	29	20	1	2	5	78
September ..	11	1	6	32	23	2	3	5	83
October	12	2	11	28	24	4	1	4	86
November..	9	3	4	31	25	1	2	5	80
December..	15	2	5	43	31	4	3	3	106
Total	144	28	89	380	294	24	32	44	1,035
Rate	7.1	5.8	7.9	7.0	6.9	4.6	5.9	8.8	7.0

INFECTIOUS AND PARASITIC DISEASES

Deaths from infectious and parasitic diseases numbered 602 for 1939, as compared with 595 for 1938. The death rate per 100,000 population was 63.4 for 1939, and 63.2 for 1938.

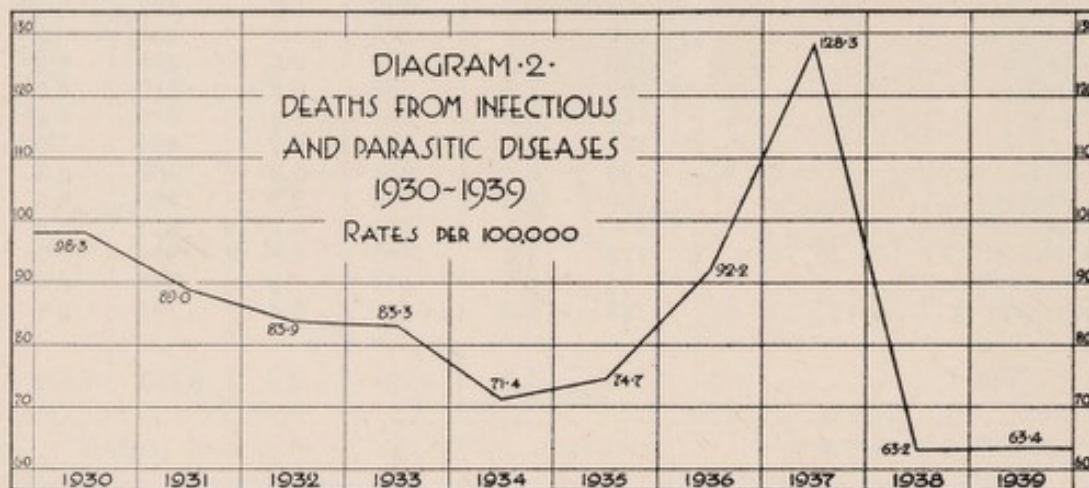
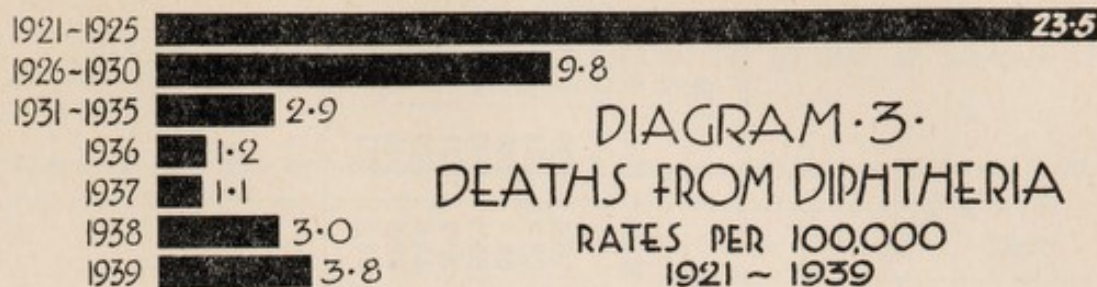


TABLE 48.—DEATHS FROM INFECTIOUS AND PARASITIC DISEASES AND RATES PER 100,000, 1935-1939.

Int. List No.	Diseases	1935		1936		1937		1938		1939	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1-2	Typhoid and paratyphoid fever	14	1.5	23	2.5	36	3.8	8	.9	10	1.1
5	Undulant fever	3	.3	1	.1	1	.1	...	...	...	...
6	Smallpox	2	.2	...	...	...	...	2	.2	...	...
7	Measles	34	3.7	39	4.2	252	26.8	19	2.0	6	.6
8	Scarlet fever	10	1.1	16	1.7	16	1.7	12	1.3	12	1.3
9	Whooping cough	90	9.7	50	5.4	47	5.0	18	1.9	48	5.1
10	Diphtheria	16	1.7	11	1.2	10	1.1	28	3.0	36	3.8
11	Influenza	168	18.0	282	30.3	404	43.0	154	16.4	199	21.0
13	Dysentery	10	1.1	36	3.9	27	2.9	11	1.2	6	.6
15	Erysipelas	15	1.6	34	3.7	13	1.4	6	.6	4	.4
16	Acute poliomyelitis and acute polioencephalitis	5	.5	9	1.0	22	2.3	7	.7	1	.1
17	Lethargic or epidemic encephalitis	6	.6	11	1.2	7	.7	5	.5	7	.7
18	Epidemic cerebrospinal meningitis	10	1.1	12	1.3	6	.6	3	.3	3	.3
22	Tetanus	2	.2	2	.2	4	.4	3	.3	1	.1
23-32	Tuberculosis	272	29.2	279	30.0	303	32.3	271	28.8	233	24.6
33	Leprosy .....	...	...	...	...	...	...	...	...	1	.1
34	Syphilis	17	1.8	29	3.1	34	3.6	22	2.3	22	2.3
35	Gonococcus infection and other venereal diseases	1	.1	...	...	1	.1	2	.2	1	.1
36	Purulent infection, septicæmia (non-puerperal)	10	1.1	15	1.6	14	1.5	11	1.2	8	.8
39	Other diseases due to protozoal parasites .....	...	...	...	...	1	.1	1	.1	...	...
41	Hydatid cysts .....	...	...	...	...	1	.1	...	...	...	...
42	Other diseases caused by helminths .....	...	...	...	...	...	...	1	.1	...	...
43	Mycoses	2	.2	4	.4	2	.2	3	.3	2	.2
44	Other infectious or parasitic diseases	8	.9	5	.5	4	.4	8	.9	2	.2

TABLE 49.—DEATHS FROM INFECTIOUS AND PARASITIC DISEASES IN CITIES, 1939. (By Place of Residence.)

Int. List No.	Disease	Moose Jaw	North Battleford	Prince Albert	Regina	Saskatoon	Swift Current	Weyburn	Yorkton	Total	Rate per 100,000
8	Scarlet fever .....	..	..	..	1	1	..	..	..	2	1.3
9	Whooping cough .....	..	..	..	1	..	..	..	..	1	.7
10	Diphtheria .....	..	..	..	..	1	..	..	1	2	1.3
11	Influenza	6	2	1	7	2	1	..	2	21	14.1
23-32	Tuberculosis	2	2	3	15	11	..	1	1	35	23.5
34	Syphilis	2	..	..	..	1	..	..	..	3	2.0
36	Purulent infection, septicaemia (non-puerperal) .....	..	..	1	1	..	..	1	..	3	2.0
44	Other infectious or parasitic diseases	1	..	..	1	..	..	..	..	2	1.3
	Total	11	4	5	26	16	1	2	4	69	46.4
	Rate per 100,000	54.5	83.1	44.4	47.8	37.6	19.3	36.8	79.6	46.4	



MORTALITY LEADERS

The following tables contain information concerning the most important causes of death. The total number of deaths registered from these causes was 3,666, or 60.8% of all deaths.

Diseases of infants, such as premature birth, congenital debility, etc., are not included under this heading.

As in previous years, heart diseases have the highest mortality rate.

TABLE 50.—MORTALITY LEADERS, 1939. RATES PER 100,000.
(By Place of Residence.)

Int. List No.	Causes	Urban		Rural		Province	
		No.	Rate	No.	Rate	No.	Rate
11	Influenza	23	12.7	176	22.9	199	21.0
23-32	Tuberculosis	45	24.9	188	24.5	233	24.6
45-53	Cancer	187	103.3	562	73.2	749	78.9
90-95	Heart diseases	267	147.5	728	94.8	995	104.8
96-97-99-102	Diseases of the arteries...	134	74.0	397	51.7	531	56.0
107-109	Pneumonia and broncho- pneumonia	55	30.4	325	42.3	380	40.0
130-132	Nephritis (acute and chronic)	56	30.9	192	25.0	248	26.1
176-194	Accidental deaths	75	41.4	256	33.3	331	34.9

TABLE 51.—MORTALITY LEADERS, 1926-1939, AND RATES PER 100,000.

Int. List No.	Causes	1926-1930		1931-1935		1936		1937		1938		1939	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
11	Influenza	1,607	37.9	1,143	24.6	282	30.3	404	43.0	154	16.4	199	21.0
23-32	Tuberculosis	1,935	44.9	1,469	31.6	279	30.0	303	32.3	271	28.8	233	24.6
45-53	Cancer	2,293	53.2	3,013	64.8	710	76.3	689	73.4	641	68.1	749	78.9
90-95	Heart diseases	2,927	67.9	3,819	82.1	877	94.2	879	93.6	991	105.3	995	104.8
96-97-99-102	Diseases of the arteries	1,003	23.3	1,363	29.3	386	41.5	438	46.6	507	53.9	531	56.0
107-109	Pneumonia and bronchopneumonia	2,629	61.0	2,209	47.5	440	47.3	567	60.4	429	45.6	380	40.0
130-132	Nephritis	1,161	26.9	1,314	28.2	246	26.4	268	28.5	269	28.6	248	26.1
176-194	Accidental deaths	1,769	41.0	1,700	36.6	360	38.7	352	37.5	309	32.8	331	34.9

INFLUENZA

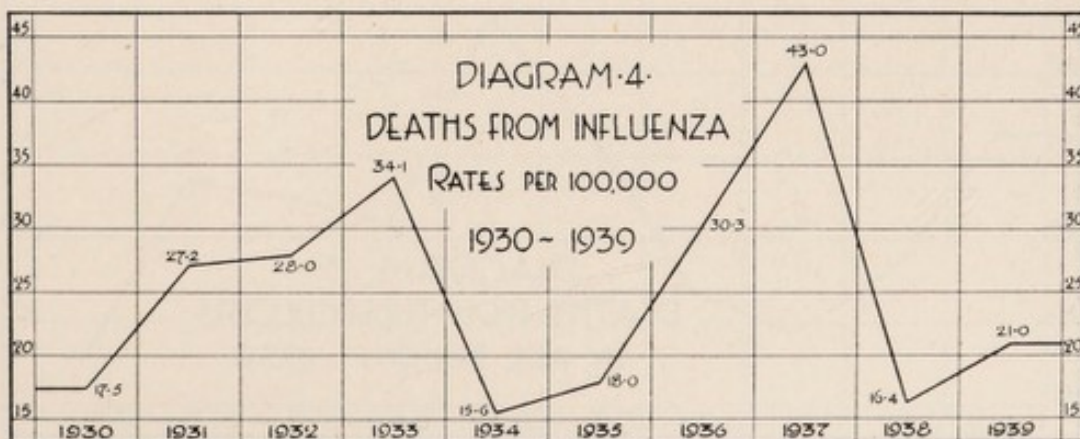
Deaths registered from this cause numbered 199 in 1939, an increase of 45 over 1938. The death rate for the year was 21.0.

TABLE 52.—DEATHS FROM INFLUENZA AND RATES PER 100,000 BY MONTHS, 1939.

Months	Male	Female	Total	Rate
January	7	6	13	16.4
February	9	8	17	21.5
March	16	20	36	45.5
April	18	29	47	59.4
May	12	17	29	36.7
June	5	2	7	8.9
July	3	3	6	7.6
August	2	2	4	5.1
September	2	3	5	6.3
October	6	4	10	12.6
November	8	7	15	19.0
December	5	5	10	12.6
Total.....	93	106	199	21.0

TABLE 53.—DEATHS FROM INFLUENZA AND RATES PER 100,000 OF POPULATION IN EACH AGE PERIOD, 1939.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 5 years.....	38	32	70	73.3	6.1
5- 9 years.....	1	4	5	4.8	4.8
10-14 years.....	.....	.....	.....	.....	.....
15-19 years.....	7	2	9	8.4	7.5
20-29 years.....	1	2	3	1.8	1.3
30-39 years.....	2	7	9	7.9	3.1
40-49 years.....	6	4	10	9.2	2.5
50-59 years.....	12	9	21	24.8	2.6
60-69 years.....	12	12	24	59.8	2.3
70-79 years.....	9	18	27	150.1	2.6
80 years and over...	5	16	21	484.1	2.8
All ages.....	93	106	199	21.0	3.3



TUBERCULOSIS

The deaths from this cause number 233, a decrease of 38 compared with 1938.

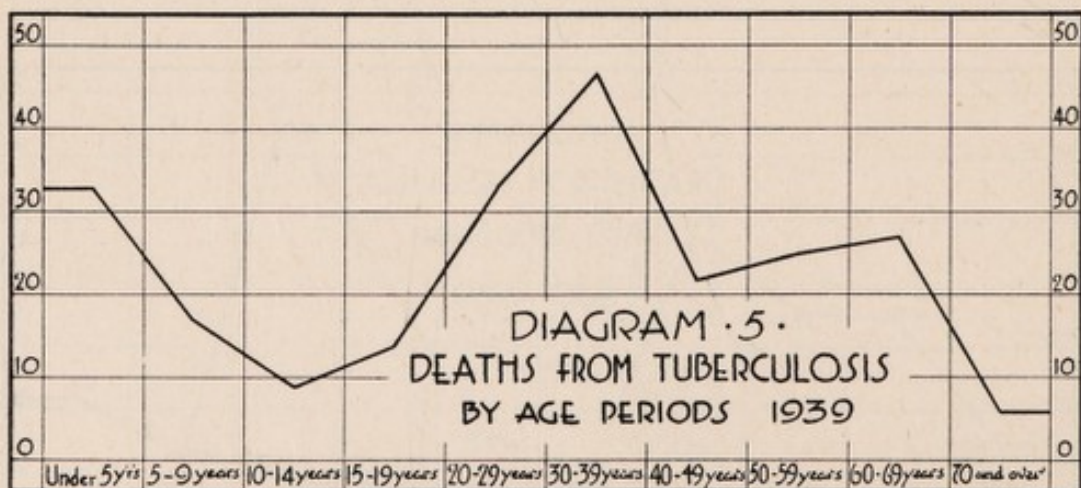
The following rural municipalities are in restricted areas for the eradication of bovine tuberculosis: Coalfields 4, Estevan 5, Cambria 6, Browning 34, Benson 35, Cymri 36, Wolseley 155, Indian Head 156, South Qu'Appelle 157, Edenwold 158, Sherwood 159, McLeod 185, Abernethy 186, North Qu'Appelle 187, Lumsden 189, Tullymet 216, Lipton 217, Cupar 218, Longlaketon 219, McKillop 220, Millington 249, Last Mountain Valley 250, Big Arm 251, Mount Hope 279, Wreford 280, Wood Creek 281, Morris 312, Lost River 313, Dundurn 314, Montrose 315, Blucher 343, Cory 344, Vanscoy 345, Warman 374 and Park 375.

The deaths under 15 years of age from tuberculosis in these municipalities were as follows:

R.M.	No. of deaths	Cause of death	Age at death
158	1	Pulmonary tuberculosis miliary type....	11 months
187	1	Pulmonary tuberculosis miliary type....	8 months
189	1	General miliary tuberculosis.....	9 years
344	1	Pulmonary tuberculosis	6 years

TABLE 54.—DEATHS FROM TUBERCULOSIS AND RATES PER 100,000 OF POPULATION IN EACH AGE PERIOD, 1939.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 5 years.....	18	15	33	34.6	2.9
5- 9 years.....	8	9	17	16.3	16.2
10-14 years.....	4	5	9	8.3	9.3
15-19 years.....	8	6	14	13.1	11.7
20-29 years.....	17	16	33	20.0	14.2
30-39 years.....	25	22	47	41.3	16.0
40-49 years.....	16	6	22	20.2	5.5
50-59 years.....	16	9	25	29.6	3.0
60-69 years.....	17	10	27	67.3	2.6
70-79 years.....	4	1	5	27.8	.5
80 years and over....	....	1	1	23.1	.1
All ages.....	133	100	233	24.6	3.9



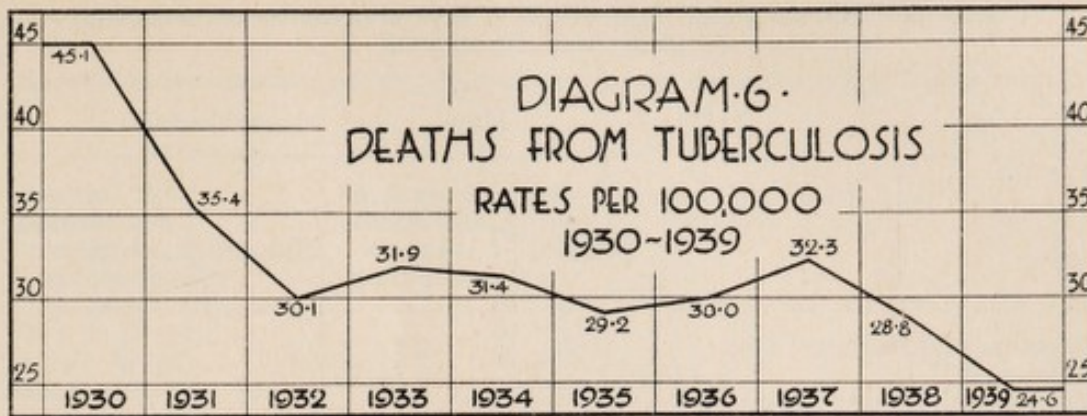


TABLE 55.—DEATHS FROM TUBERCULOSIS BY BIRTHPLACE OF DECEASED, 1939.

Birthplace	Number	Percentage of total deaths from tuberculosis
Nova Scotia	1	0.4
New Brunswick	1	0.4
Quebec	3	1.3
Ontario	6	2.6
Manitoba	5	2.1
Saskatchewan	142	60.9
Alberta	2	0.9
Total for Canada	160	68.7
United Kingdom	21	9.0
Other British Dominions	1	0.4
United States	9	3.9
Other countries	41	17.6
Total for other countries	72	30.9
Not specified	1	0.4

TABLE 56.—DEATHS FROM TUBERCULOSIS BY OCCUPATION OF DECEASED, 15 YEARS AND OVER, 1939.

	Male		Female	
	Number	Per cent. of total deaths in each occupation	Number	Per cent. of total deaths in each occupation
Farmers and farmers' sons.....	46	2.6	..	....
Labourers	17	6.7	..	....
Fishermen, hunters and trappers	13	39.4	..	....
Miners (other than coal).....	1	14.3	..	....
Boot and shoe makers and repairs (not in factory).....	2	20.0	..	....
Manufacture of metal products	3	5.9	..	....
Transportation and communication	3	2.6	..	....
Trade	1	0.6	..	....
Public administration and defence	2	6.5	..	....
Professional service	2	2.9	2	9.1
Personal workers	2	3.4	60	3.5
Laundry workers, cleaners, dyers and pressers.....	3	33.3	..	....
Office employees	2	6.7	1	25.0
No occupation	6	10.9	8	9.1

TABLE 57.—PROPORTIONATE MORTALITY (STILLBIRTHS EXCLUDED) FROM TUBERCULOUS DISEASES BY DIVISIONAL PERIODS OF LIFE, 1921-1939.

Year	Under 20		20-39		40-59		60 and over	
	Tuber- culous disease	All other causes	Tuber- culous disease	All other causes	Tuber- culous disease	All other causes	Tuber- culous disease	All other causes
1921-1930	3.9%	96.1%	19.2%	80.8%	7.0%	93.0%	1.7%	98.3%
1931-1935	4.7%	95.3%	17.1%	82.9%	5.4%	94.6%	1.0%	99.0%
1936	4.5%	95.5%	15.0%	85.0%	4.6%	95.4%	1.4%	98.6%
1937	4.7%	95.3%	13.8%	86.2%	5.6%	94.4%	1.1%	98.9%
1938	6.2%	93.8%	15.7%	84.3%	5.0%	95.0%	1.1%	98.9%
1939	5.0%	95.0%	15.2%	84.8%	3.9%	96.1%	1.2%	98.8%

TABLE 58.—DEATHS FROM TUBERCULOSIS IN PUBLIC AND PRIVATE INSTITUTIONS, 1939.

Location	Name	No.
Climax	Climax Hospital	1
Estevan	St. Joseph's Hospital	4
Fort Qu'Appelle	Fort San	18
Fort Qu'Appelle	Indian Hospital	4
Humboldt	St. Elizabeth's Hospital	1
Ile a la Crosse	St. Joseph's Hospital	1
Indian Head	Union Hospital	1
Maple Creek	General Hospital	4
Meadow Lake	Meadow Lake Hospital	1
Melfort	Lady Minto Hospital	2
Moose Jaw	General Hospital	1
Moose Jaw	Providence Hospital	1
North Battleford	Notre Dame Hospital	1
North Battleford	Provincial Hospital	19
Ponteix	Gabriel Hospital	1
Prince Albert	Sanatorium	30
Prince Albert	Holy Family Hospital	2
Regina	General Hospital	5
Regina	Grey Nuns Hospital	2
Saskatoon	City Hospital	3
Saskatoon	Sanatorium	18
Saskatoon	St. Paul's Hospital	1
Weyburn	Provincial Hospital	9
Yorkton	Queen Victoria Hospital	1

CANCER

Cancer deaths registered in 1939 numbered 749, the highest number of deaths ever recorded for one year in Saskatchewan; this is an increase of 108 deaths over 1938. The rate per 100,000 of population was 78.9, as compared with 68.1 for 1938.

TABLE 59.—DEATHS FROM CANCER BY ORGANS AND SEX AND RATES PER 100,000 POPULATION, 1939.

Organ	Male	Female	Total	Rate per 100,000
Buccal cavity and pharynx	23	4	27	2.8
Digestive tract and peritoneum	251	150	401	42.3
Respiratory organs	26	7	33	3.5
*Uterus	..	43	43	9.7
*Other female genital organs	..	17	17	3.9
*Breast	..	54	54	12.2
*Male genito-urinary organs	69	..	69	13.6
Skin	10	9	19	2.0
Other or unspecified organs	47	39	86	9.1
Total	426	323	749	78.9

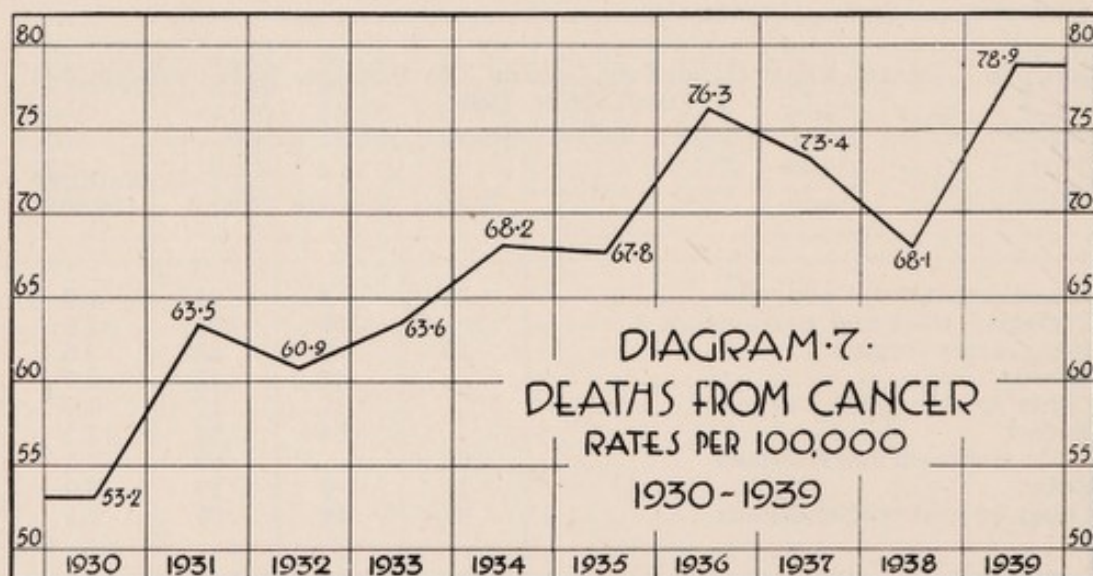
* Rate for male or female population.

TABLE 60.—DEATHS FROM CANCER AND RATES PER 100,000 IN EACH AGE PERIOD, 1939

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 20 years.....	9	3	12	2.9	.8
20-29 years.....	4	6	10	6.1	4.3
30-39 years.....	8	17	25	21.9	8.5
40-49 years.....	30	43	73	67.1	18.3
50-59 years.....	100	86	186	220.0	22.7
60-69 years.....	127	72	199	496.1	19.4
70-79 years.....	107	64	171	950.4	16.3
80 years and over..	41	32	73	1,682.8	9.7
Total.....	426	323	749	78.9	12.4

TABLE 61.—DEATHS FROM CANCER 1914-1939, RATES PER 100,000 AND RATES PER 1,000 DEATHS FROM ALL CAUSES.

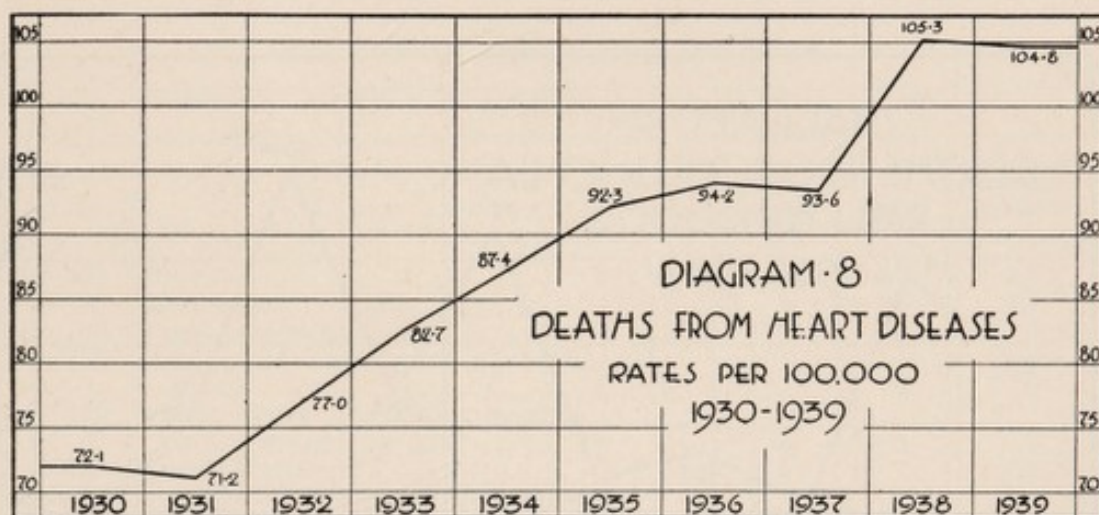
Years	Number of deaths	Rate per 100,000	Rate per 1,000 deaths from all causes
1914-1920	1,355	29.2	32.8
1921-1930	3,972	48.4	63.8
1931-1935	3,013	64.8	99.8
1936	710	76.3	112.4
1937	689	73.4	99.5
1938	641	68.1	105.4
1939	749	78.9	124.2



HEART DISEASES

TABLE 62.—DEATHS FROM HEART DISEASES AND RATES PER 100,000 IN EACH AGE PERIOD, 1939.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 10 years	2	3	5	2.5	.4
10-19 years	3	10	13	6.1	6.0
20-29 years	7	10	17	10.3	7.3
30-39 years	17	14	31	27.2	10.6
40-49 years	34	21	55	50.6	13.8
50-59 years	125	62	187	221.2	22.8
60-69 years	191	75	266	663.1	25.9
70-79 years	147	102	249	1,383.9	23.8
80 years and over	94	78	172	3,965.0	22.9
All ages	620	375	995	104.8	16.5



DISEASES OF THE ARTERIES.

TABLE 63.—DEATHS FROM DISEASES OF THE ARTERIES BY AGE AND SEX, 1939.

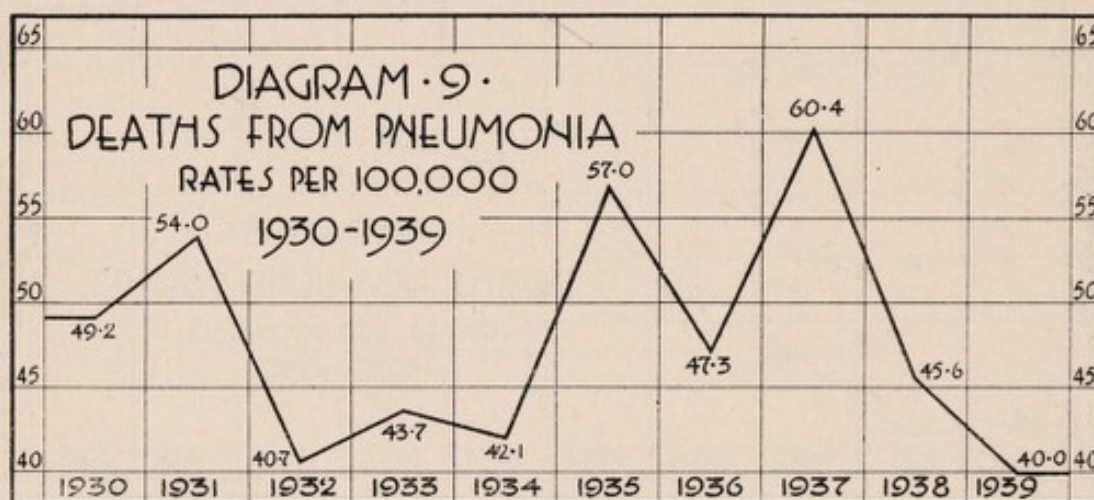
Age	Male	Female	Total
Under 20 years	1	.....	1
20-29 years	1	.....	1
30-39 years	2	2	4
40-49 years	9	5	14
50-59 years	28	36	64
60-69 years	84	47	131
70-79 years	103	63	166
80 years and over	82	67	149
Unknown .....	.....	1	1
All ages	310	221	531

PNEUMONIA (107-109)

Deaths registered from pneumonia numbered 380 in 1939. This is a decrease of 49 from 1938. The 1939 death rate per 100,000 of population was 40.0.

TABLE 64.—DEATHS FROM PNEUMONIA AND RATES PER 100,000 IN EACH AGE PERIOD, 1939.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 5 years.....	101	76	177	185.4	15.5
5- 9 years.....	4	5	9	8.6	8.6
10-14 years.....	2	2	4	3.7	4.1
15-19 years.....	2	3	5	4.7	4.2
20-29 years.....	4	5	9	5.5	3.9
30-39 years.....	9	5	14	12.3	4.8
40-49 years.....	10	4	14	12.9	3.5
50-59 years.....	21	2	23	27.2	2.8
60-69 years.....	18	13	31	77.3	3.0
70-79 years.....	31	20	51	283.4	4.9
80 and over.....	22	21	43	991.2	5.7
All ages.....	224	156	380	40.0	6.3



NEPHRITIS

TABLE 65.—DEATHS FROM NEPHRITIS (ACUTE AND CHRONIC) BY AGE AND SEX, 1939.

Age	Male	Female	Total
Under 5 years.....	2	2	4
5- 9 years.....	2	.....	2
10-14 years.....	.....	2	2
15-19 years.....	2	2	4
20-29 years.....	4	7	11
30-39 years.....	5	2	7
40-49 years.....	8	14	22
50-59 years.....	24	15	39
60-69 years.....	27	10	37
70-79 years.....	43	24	67
80 and over.....	36	16	52
Unknown.....	1	.....	1
All ages.....	154	94	248

ACCIDENTAL DEATHS

TABLE 66.—ACCIDENTAL DEATHS (176-194) AND RATES PER 100,000 IN EACH AGE PERIOD, 1939.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 5 years.....	18	13	31	32.5	2.7
5- 9 years.....	5	4	9	8.6	8.6
10-14 years.....	18	3	21	19.4	21.6
15-19 years.....	18	7	25	23.4	20.8
20-29 years.....	46	10	56	34.0	24.1
30-39 years.....	24	2	26	22.8	8.9
40-49 years.....	33	4	37	34.0	9.3
50-59 years.....	38	2	40	47.3	4.9
60-69 years.....	30	7	37	92.2	3.6
70-79 years.....	15	8	23	127.8	2.2
80 years and over..	10	16	26	599.4	3.5
All ages.....	255	76	331	34.9	5.5

VIOLENT OR ACCIDENTAL DEATHS

TABLE 67.—VIOLENT OR ACCIDENTAL DEATHS BY SEX, 1939.

Int. List No.	Causes	Male	Female	Total	Rate per 100,000
163-171	Suicides	73	17	90	9.5
173-175	Homicides	11	5	16	1.7
177	Food poisoning	1	1	2	.2
178	Accidental absorption of toxic gases	5	..	5	.5
179	Other acute accidental poisonings (except by gas)	2	3	5	.5
180	Conflagration	3	4	7	.7
181	Accidental burns (conflagration excepted)	8	12	20	2.1
182	Accidental mechanical suffocation	10	7	17	1.8
183	Accidental drowning	39	6	45	4.7
184	Accidental injury by firearms ..	14	1	15	1.6
185	Accidental injury by cutting or piercing instruments	9	..	9	.9
186	Accidental injury by fall, crushing or landslide	127	36	163	17.2
188	Injuries by animals	7	2	9	.9
189	Hunger or thirst	3	..	3	.3
190	Excessive cold	7	1	8	.8
191	Excessive heat	2	..	2	.2
192	Lightning	1	..	1	.1
193	Accidents due to electric currents	2	..	2	.2
194	Other accidents	15	3	18	1.9
195	Violent deaths of which the nature (accident, suicide or homicide) is unknown	3	..	3	.3
198	Capital punishment	1	..	1	.1
	Total	343	98	441	46.5

TABLE 68.—SUICIDES BY MONTH AND SEX, 1939.

Month	Male	Female	Month	Male	Female
January	4	..	July	13	3
February	1	1	August	9	1
March	2	..	September	7	..
April	9	3	October	2	1
May	6	2	November	6	2
June	10	2	December	4	2
Total				73	17

SUICIDES BY CONJUGAL CONDITION, 1939.

Single	31
Married	49
Widowed	9
Not stated	1

TABLE 69.—ALL VIOLENT OR ACCIDENTAL DEATHS BY MONTHS, 1939.

Month	Male	Female	Month	Male	Female
January	16	4	July	55	15
February	10	5	August	46	8
March	17	4	September	45	6
April	22	8	October	24	12
May	21	9	November	36	8
June	28	10	December	23	9
Total				343	98

ALL VIOLENT OR ACCIDENTAL DEATHS BY CONJUGAL CONDITION, 1939.

Under 15 years	64
Single	139
Married	178
Widowed	58
Not stated	2

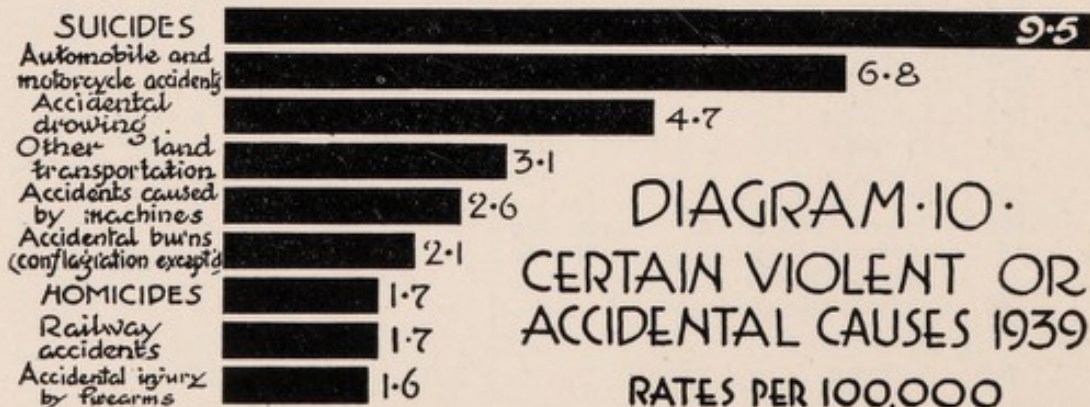


TABLE 70.—SPECIAL CLASSES OF ACCIDENTAL DEATHS, 1939.
(Included also under the numbers of the International List)

Int. List No.	Cause of death	Male	Female
	A.—Accidents in mines and quarries	6	..
182	Accidental mechanical suffocation	1	..
186	Accidental injury by fall, crushing or landslide	4	..
193	Accidents due to electric currents	1	..
	B.—Accidents caused by machines	25	..
185	Accidental injury by cutting or piercing instru- ments	6	..
186	Accidental injury by fall, crushing or landslide	16	..
194	Other accidents	3	..
	C.—Railway accidents	13	3
186	Accidental injury by fall, crushing or landslide	13	3
	D.—Street-car accidents .....	..	..
	E.—Automobile and motorcycle accidents	53	12
178	Accidental absorption of toxic gases	1	..
181	Accidental burns (conflagration excepted)	3	1
182	Accidental mechanical suffocation	1	..
186	Accidental injury by fall, crushing or landslide	48	11
	F.—Other land transportation	26	3
182	Accidental mechanical suffocation	1	..
183	Accidental drowning	1	..
186	Accidental injury by fall, crushing or landslide	24	3
	G.—Water transportation	8	..
183	Accidental drowning	8	..
	H.—Air transportation .....	..	..

TABLE 71.—DEATHS, 1939. AUTOMOBILE ACCIDENTS, RESULTS OF INVESTIGATION OF 49 OUT OF 65 DEATHS.

Place of accident	Conveyance	Condition of road	Sex of operator	Weather
Highway .....28 ¹	Automobile.. ¹ 39 ²	Good ¹ 30 ²	Male ¹ 45 ²	Fine .....30 ²
Railway crossing 7 ²	Motor truck 8	Bad 9	Not stated 4	Cold 3 ¹
Country road 6	Bicycle 1	Fair 2		Slight snow 2
City street 4	Motorcycle .. 1	Not stated 8		Cold and frosty 1
Town street.. 1				Fair and cold.. 1
On bridge..... 1				Frosty and foggy 1
Private property .. 1				Hazy 1
Not stated 1				Sleet storm 1
				Not stated 9

Rate of travel	Nature of accident	By months
Under 10 miles.... 1	Motor vehicle overturned 16 ¹	April 3
10-19 miles 5	Deceased struck by automobile or motor truck while on foot 9	May 2
20-29 miles 1	Collision between automobiles or motor trucks 4	June 4
30-39 miles 5	Automobile struck a truck stopped at railway crossing and was thrown in front of train..... 3 ²	July 6
Unknown ¹ 37 ²	Automobile struck bridge 2	August 6
	Automobile struck telegraph pole..... 2	September.. 4 ²
	Automobile struck by train 2	October 6
	Automobile ran into side of moving freight train 1	November ..10 ¹
	Automobile struck bicycle 1	December .. 8
	Automobile tire blew out as another car approached and in order to avoid it hit loose gravel and turned over 1	
	Crushed between house and motor truck which rolled down slight incline 1	
	Deceased fell into side of moving automobile 1	
	Thrown from motorcycle, tire blew out 1	
	Riding front bumper of automobile, fell off and was run over 1	
	Cause of accident not stated 4	

¹ Includes one accident with three deaths.² Includes one accident with three deaths.

STILLBIRTHS

TABLE 72.—STILLBIRTHS, 1926-1939.

Year	Total pregnancies	Stillbirths	
		Number	Rate per 1,000 pregnancies
1926-1930	109,245	2,756	25.2
1931-1935	103,804	2,439	23.5
1936	19,297	431	22.3
1937	18,785	398	21.2
1938	18,351	370	20.2
1939	18,197	372	20.4

TABLE 73.—STILLBIRTHS BY MONTHS AND NUMBER PER 1,000 BIRTHS, 1939.

Month	All births	Stillbirths	Stillbirths per 1,000 births
January	1,389	40	28.8
February	1,335	26	19.5
March	1,601	34	21.2
April	1,651	43	26.0
May	1,623	39	24.0
June	1,473	21	14.3
July	1,665	24	14.4
August	1,686	41	24.3
September	1,594	33	20.7
October	1,582	23	14.5
November	1,413	20	14.2
December	1,419	28	19.7
Total.....	18,431	372	20.2

INFANT MORTALITY

Deaths of children under one year of age numbered 930 in 1939, as compared with 941 for 1938. The rate per 1,000 living births was 51.5 in 1939, and 51.6 for 1938.

Rates for infant mortality for all the provinces are given in Table 10. These rates are given without the decimal point, and all, with the exception of the rate for Saskatchewan, are preliminary and subject to final revision.

TABLE 74.—DEATHS OF CHILDREN UNDER ONE YEAR (exclusive of Stillbirths) BY AGE AT DEATH, 1939.

Ages		No.	Ages		No.
All infants	Total	930	1 month and under		
	M.	536	2 months	Total	87
	F.	394		M.	54
Under 1 day	Total	174		F.	33
	M.	98	2 months and under		
	F.	76	3 months	Total	73
1 day	Total	59		M.	41
	M.	30		F.	32
	F.	29	3 months and under		
2 days	Total	45	4 months	Total	59
	M.	20		M.	34
	F.	25		F.	25
3 days	Total	29	4 months and under		
	M.	14	5 months	Total	46
	F.	15		M.	31
4 days	Total	25		F.	15
	M.	13	5 months and under		
	F.	12	6 months	Total	27
5 days	Total	15		M.	17
	M.	9		F.	10
	F.	6	6 months and under		
6 days	Total	9	7 months	Total	40
	M.	5		M.	28
	F.	4		F.	12
Under 1 week	Total	356	7 months and under		
	M.	189	8 months	Total	33
	F.	167		M.	16
1 week and under				F.	17
	2 weeks	Total	8 months and under		
		61	9 months	Total	21
2 weeks and under	M.	35		M.	10
	F.	26		F.	11
	3 weeks	Total	9 months and under		
	31	10 months	Total	30	
2 weeks and under	M.	18		M.	20
	F.	13		F.	10
	3 weeks and under		10 months and under		
1 month	Total	37	11 months	Total	10
	M.	23		M.	6
	F.	14		F.	4
Under 1 month	Total	485	11 months and under		
	M.	265	12 months	Total	19
	F.	220		M.	14
				F.	5

TABLE 75.—INFANT MORTALITY, 1939. DEATH RATES (exclusive of Stillbirths).

Age	Death rate per 1,000 living births	Percentage of infant mortality
All infants	51.5	.....
Under 1 day	9.6	18.7
1 day and under 1 week	10.1	19.6
1 week and under 2 weeks	3.4	6.6
2 weeks and under 3 weeks	1.7	3.3
3 weeks and under 1 month	2.0	4.0
1 month and under 2 months	4.8	9.4
2 months and under 3 months	4.0	7.9
3 months and under 4 months	3.3	6.3
4 months and under 5 months	2.5	4.9
5 months and under 6 months	1.5	2.9
6 months and under 7 months	2.2	4.3
7 months and under 8 months	1.8	3.5
8 months and under 9 months	1.2	2.3
9 months and under 10 months	1.7	3.2
10 months and under 11 months .....	.6	1.1
11 months and under 12 months	1.1	2.0

TABLE 76.—TOTAL DEATHS (exclusive of Stillbirths) AND DEATHS IN INSTITUTIONS OF CHILDREN UNDER ONE YEAR OF AGE, SHOWING THE NUMBER NON-RESIDENT, 1939.

	All deaths under one year						In 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....	930	536	394	6	4	2	390	226	164	4	2	2

INFANT MORTALITY

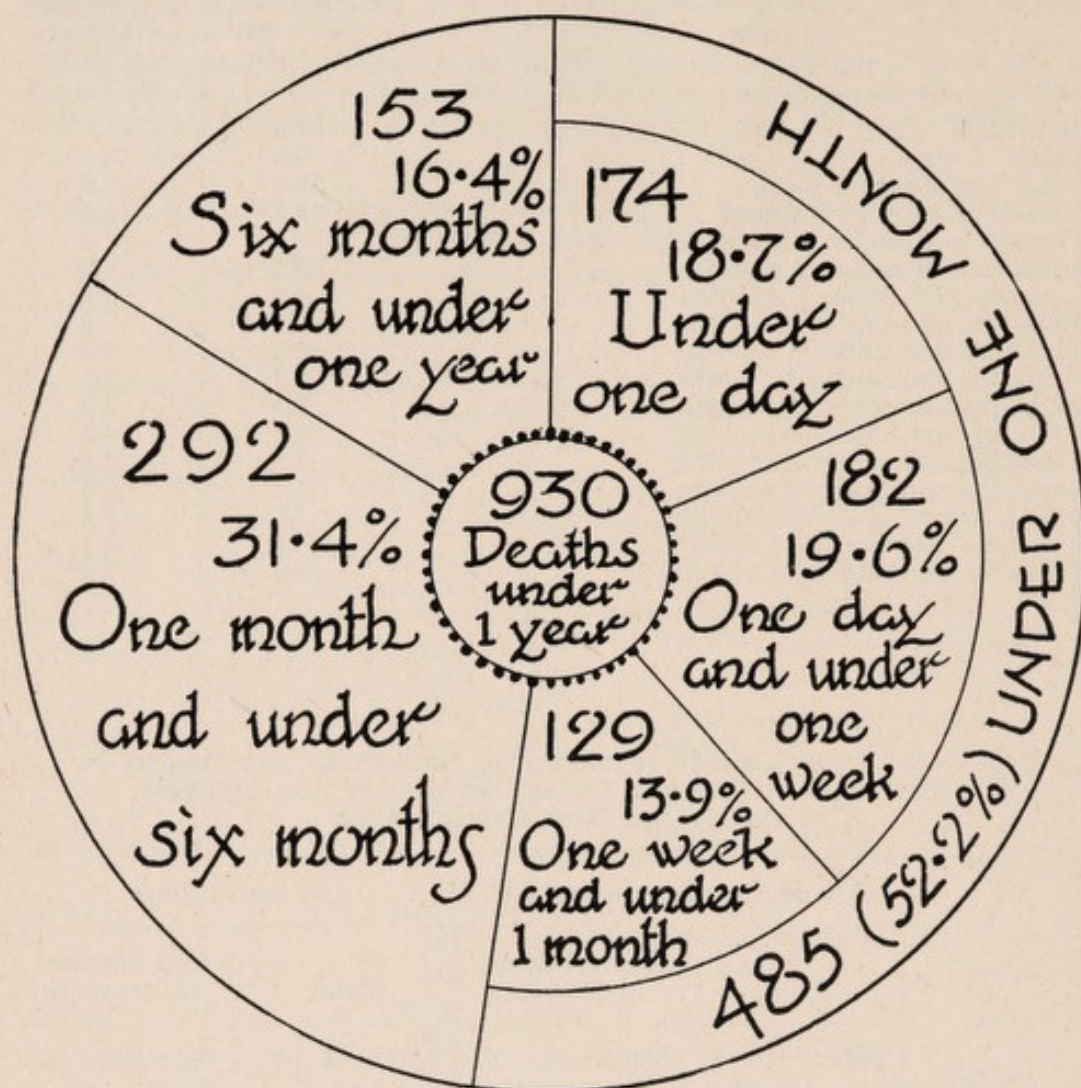


DIAGRAM · 11 · 1939

TABLE 77.—INFANT MORTALITY, 1939. DEATH RATE BY MONTHS IN PROVINCE.

Months	Number of deaths	Rates per 1,000 living births	Percentage of infant mortality
January	74	54.9	8.0
February	75	57.3	8.1
March	82	52.3	8.8
April	88	54.7	9.5
May	85	53.7	9.1
June	72	49.6	7.7
July	57	34.7	6.1
August	80	48.6	8.6
September	75	48.0	8.1
October	76	48.7	8.2
November	84	60.3	9.0
December	82	59.0	8.8
Year	930	51.5	....

TABLE 78.—INFANT MORTALITY BY MONTHS IN INDIVIDUAL CITIES, 1939.
(By Place of Residence. Stillbirths excluded).

Months	Moose Jaw	North Battleford	Prince Albert	Regina	Saskatoon	Swift Current	Weyburn	Yorkton
January .....	..	..	1	3	2	..	..	1
February	1	1	..	3	1	..	1	..
March .....	..	1	..	4	..	..	..	..
April	1	..	4	5	1	..	..	..
May .....	..	..	..	4	1	..	..	..
June	1	..	1	3	..	..	..	..
July .....	..	1	3	3	..	..	..	..
August	3	..	2	5	1	..	..	..
September	1	..	..	1	..	1	1	1
October .....	..	..	2	2	1	..	..	..
November	1	..	..	5	1	..	..	..
December	1	..	..	7	2	..	..	..
Total.....	9	3	13	45	10	1	2	2
Rate per 1,000 living births	31.3	44.1	55.1	46.8	18.5	9.9	34.5	18.9

TABLE 79.—INFANT MORTALITY, 1939 (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	930	51.5
English	128	42.4
Irish	76	42.9
Scottish	57	30.7
Welsh	6	48.4
French	65	51.0
Austrian	9	50.8
Czech and Slovak	3	23.6
Danish	6	45.1
Dutch	20	33.3
Finnish	4	125.0
German	164	46.1
Hungarian	22	66.1
Icelandic	5	64.1
Indian	145	204.8
Norwegian	26	36.6
Polish	23	42.8
Roumanian	7	49.6
Russian	22	48.0
Swedish	8	18.2
Ukrainian ¹	127	75.1
Others and not specified	7	24.2

¹Including "Galician" and "Bukovinian".

TABLE 80.—INFANT MORTALITY, 1939. 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	18,059	930	51.5
Canada	13,446	706	52.5
British Countries	901	30	33.3
Austria	316	20	63.3
Germany	175	9	51.4
Hungary	144	9	62.5
Poland	477	33	69.2
Roumania	114	6	52.6
Russia ¹	684	39	57.0
Scandinavian Countries	158	2	12.7
United States	1,458	65	44.6
Other countries and not specified	186	11	59.1

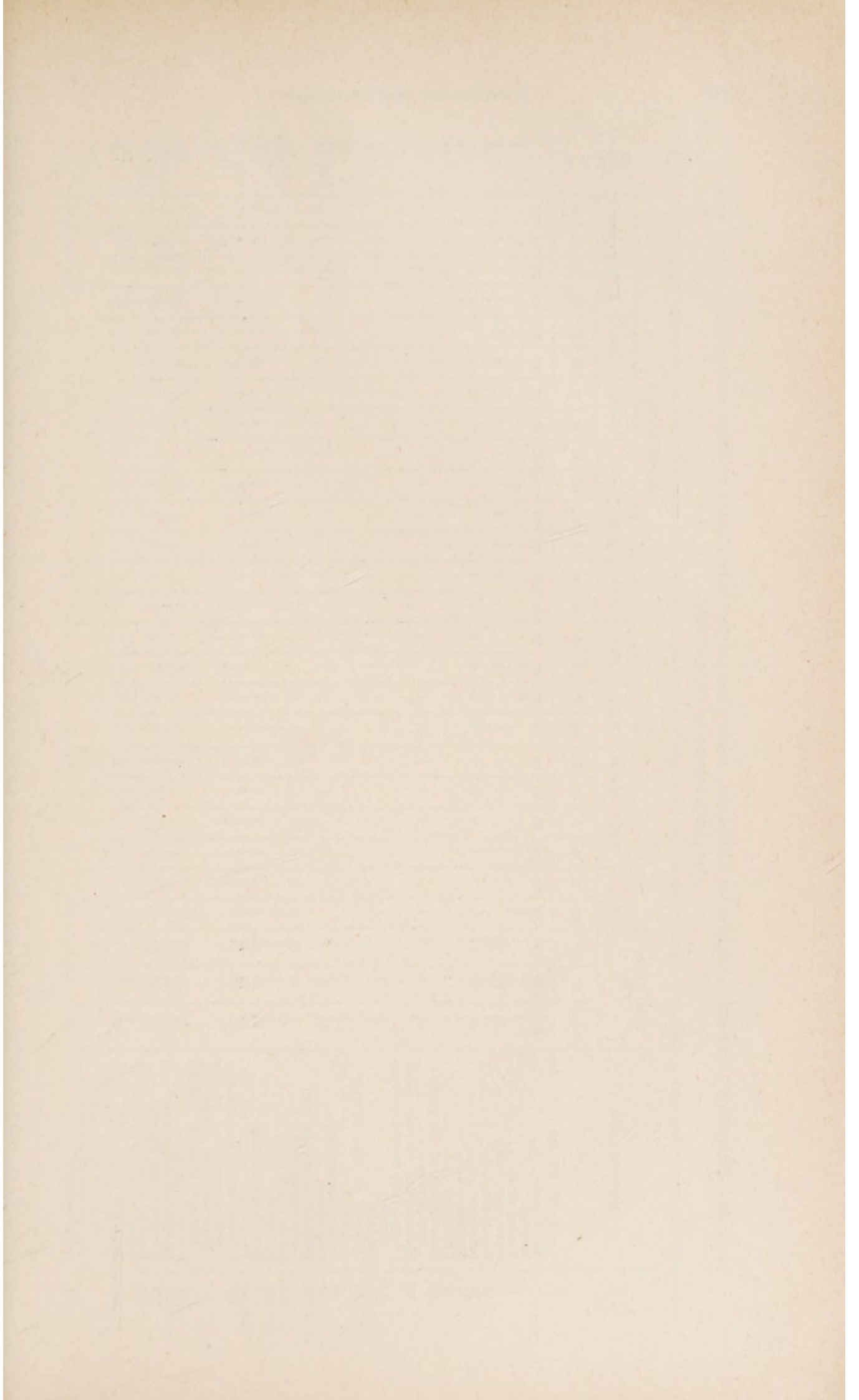
¹Including the Ukraine.

TABLE 81.—INFANT MORTALITY, 1939. RATES PER 1,000 LIVING BIRTHS BY PRINCIPAL CAUSES AND BY SEX.

	Male	Female	Total
All causes	58.0	44.7	51.5
Infectious and parasitic diseases (1-44)	7.8	4.2	6.0
Bronchopneumonia and pneumonia (107-109)....	8.8	6.5	7.6
Diarrhœa and enteritis (119)	5.4	3.3	4.4
Congenital malformation (157).....	6.2	3.6	4.9
Congenital debility (158).....	2.5	2.8	2.7
Premature birth (159).....	13.5	14.4	14.0
Injury at birth (160).....	3.2	2.4	2.8
Other diseases peculiar to early infancy (161).....	4.4	2.4	3.4
All other causes	6.2	5.1	5.6

TABLE 82.—INFANT MORTALITY, 1926-1939. RATES PER 1,000 LIVING BIRTHS BY PRINCIPAL CAUSES.

	1926-1930	1931-1935	1936	1937	1938	1939
All causes	73.3	61.9	53.9	66.8	51.6	51.5
Infectious and parasitic diseases (1-44)	8.4	6.3	6.6	11.7	3.9	6.0
Bronchopneumonia and pneumonia (107-109)	9.7	8.4	7.1	11.2	6.9	7.6
Diarrhœa and enteritis (119).....	7.7	6.0	5.4	7.3	6.6	4.4
Congenital malformation (157).....	5.3	4.6	4.0	5.6	4.2	4.9
Congenital debility (158).....	7.2	4.6	2.8	3.4	2.4	2.7
Premature birth (159).....	18.1	16.1	14.4	14.5	13.6	14.0
Injury at birth (160).....	3.2	3.6	2.5	3.2	4.1	2.8
Other diseases peculiar to early infancy (161)	4.8	4.6	4.0	3.3	3.6	3.4
All other causes	8.9	7.6	7.1	6.7	6.4	5.6



157	Malformations	89	57	32	3	..	..	1	4	2	4	3	7	3	7	4	7	4	157
	(a) Congenital hydrocephalus	9	6	3	1	..	..	..	..	..	..	..	..	..	..	..	1	..	157a
	(c) Congenital malformations of the heart	34	23	11	1	..	..	1	..	..	..	..	..	..	..	..	4	2	157c
	(b, d, e) Others under this title	46	28	18	1	7	2	1	4	3	1	2	4	3	2	3	2	2	157 bde
158	Congenital debility	48	23	25	1	3	1	1	3	2	1	2	3	2	2	1	..	2	158
159	Premature birth	252	125	127	11	6	11	14	9	8	15	12	13	11	10	20	11	7	159
160	Injury at birth	51	30	21	3	2	2	1	2	..	3	2	3	1	3	3	5	3	160
161	Other diseases peculiar to early infancy (under 3 months)	62	41	21	7	2	2	4	4	4	1	5	1	3	3	3	4	..	161
	(a-e) Specified diseases	57	38	19	7	2	2	2	4	4	1	4	1	4	3	2	1	3	161a-e
	(f) No cause given, no doc- for in attendance	5	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161f
173-175	Homicide	3	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	173-175
176-198	Other external causes	14	8	6	1	1	..	..	..	..	..	..	..	..	..	..	2	1	176-198
	Other specified causes	31	15	16	..	2	2	2	..	..	1	2	1	1	4	2	1	1	
199, 200	Unspecified or ill-defined causes	4	2	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	199, 200

TABLE 84.—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 week		1 week and under 2 weeks		2 weeks and under 3 weeks		3 weeks and under 1 month	
		Total	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	All causes	930	536	394	98	76	91	91	35	26	18	13	23	14
7	Measles	4	3	1	..	..	..	..	..	..	..	..	..	..
8	Scarlet fever	1	1	..	..	..	..	..	..	..	..	..	..	..
9	Whooping cough	35	23	12	..	..	..	..	..	..	..	..	..	..
10	Diphtheria	4	4	..	..	..	..	..	..	..	..	..	..	..
11	Influenza	48	29	19	..	..	..	..	1	1	..	1	..	1
13	Dysentery	1	1	..	..	..	..	..	..	..	..	..	..	..
15	Erysipelas	1	1	..	..	..	..	..	1	..	..	..	..	..
23	Tuberculosis of the respiratory system	10	5	5	..	..	..	..	..	..	..	..	..	..
24	Tuberculosis of the meninges and central nervous system	4	4	..	..	..	1	..	..	..	..	..	..	..
34	Syphilis	1	1	..	..	..	..	..	..	..	..	..	..	..
67	Diseases of the thymus gland	4	4	..	..	..	..	..	..	..	..	..	..	..
79	Simple meningitis	8	3	5	..	..	..	..	1	..	..	..	..	..
86	Convulsions	15	8	7	..	1	..	..	1	1	1	1	1	..
89	Diseases of the ear and mastoid process	1	1	..	..	..	..	..	..	..	..	..	..	..
105a	Croup	1	1	..	..	..	..	..	..	..	..	..	..	..
106	Bronchitis	3	1	2	..	..	..	..	1	..	..	..	..	..
107	Bronchopneumonia	94	56	38	..	..	..	1	3	..	2	3	3	..
108, 109	Pneumonia	44	25	19	..	..	..	2	2	1	1	..	4	1
115	Diseases of the buccal cavity and annexe and of the pharynx and tonsils (including adenoid vegetations)	3	2	1	..	..	..	..	..	..	..	..	..	1
116-118	Diseases of the stomach	7	4	3	..	..	..	..	..	..	..	..	..	..
119	Diarrhoea and enteritis	79	50	29	..	..	..	..	..	..	1	2	..	1
122	Hernia, intestinal obstruction	6	6	..	..	..	..	..	..	..	..	..	..	..
130	Nephritis	2	1	1	..	..	..	..	1	..	..	..	..	..
157	Malformations	89	57	32	6	4	14	11	5	2	4	2	6	..
	(a) Congenital hydrocephalus	9	6	3	..	..	..	1	1	..	1	..	..	..
	(c) Congenital malformations of the heart	34	23	11	3	3	5	5	2	1	2	..	4	..
	(b, d, e) Others under this title	46	28	18	3	1	9	5	2	1	1	2	2	..
158	Congenital debility	48	23	25	5	4	7	10	3	1	2	1	1	1
159	Premature birth	252	125	127	67	58	33	40	7	13	6	2	5	8
160	Injury at birth	51	30	21	9	4	14	14	6	..	..	..	..	..
161	Other diseases peculiar to early infancy (under 3 months)	62	41	21	9	4	20	11	4	3	1	..	..	1
	(a-e) Specified diseases	57	38	19	9	4	19	10	4	3	1	..	..	1
	(f) No cause given, no doctor in attendance	5	3	2	..	..	1	1	..	..	..	..	..	..
173-175	Homicide	3	2	1	2	1	..	..	..	..	..	..	..	..
176-198	Other external causes	14	8	6	..	..	1	..	1	..	..	1	1	..
	Other specified causes	31	15	16	..	..	1	1	..	2	..	..	2	..
199, 200	Unspecified or ill-defined causes	4	2	2	..	..	..	1	1	..	..	..	..	..

SPECIFIED CAUSES IN FIRST YEAR OF LIFE, BY SEX AND AGE AT DEATH, 1939.

Age at death																						Int. list No.
1 month and under 2 months		2 months and under 3 months		3 months and under 4 months		4 months and under 5 months		5 months and under 6 months		6 months and under 7 months		7 months and under 8 months		8 months and under 9 months		9 months and under 10 months		10 months and under 11 months		11 months and under 12 months		
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
54	33	41	32	34	25	31	15	17	10	28	12	16	17	10	11	20	10	6	4	14	5	7
..	..	1	..	..	..	..	1	..	..	2	..	1	..	..	..	..	..	..	..	..	..	8
5	6	1	1	4	2	3	1	2	..	3	1	2	..	..	..	1	..	2	1	..	..	9
1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	1	..	10
3	3	4	3	6	3	1	..	..	2	4	1	4	1	..	..	5	2	..	..	1	1	11
..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	13
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
1	1	..	..	..	2	..	..	1	..	1	..	..	1	..	1	..	..	1	..	1	..	23
..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	24
1	..	2	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	34
..	..	..	1	..	1	..	..	..	..	1	..	..	1	1	..	..	..	1	1	..	..	67
1	1	3	..	..	1	..	1	1	..	1	..	..	..	..	..	1	..	..	..	..	..	79
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	86
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	89
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	105a
8	4	11	9	5	5	6	2	..	3	7	3	3	4	3	3	3	1	..	..	1	..	106
1	..	4	3	1	..	4	4	1	1	..	2	1	2	3	..	2	..	..	..	1	3	107
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	108, 109
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	115
13	4	6	5	5	1	8	2	3	2	3	2	1	4	2	4	4	..	..	2	4	..	116-118
..	..	..	..	..	..	3	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	119
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	122
7	4	1	3	4	..	3	..	3	1	..	1	..	2	1	..	2	1	..	2	..	2	130
1	..	..	1	..	..	..	..	2	..	..	..	..	1	..	..	..	..	..	..	1	..	157
..	..	..	..	2	..	2	..	1	1	..	..	..	..	..	..	..	1	1	..	1	..	157a
6	4	1	2	2	..	1	..	..	..	1	..	1	1	..	1	..	1	..	..	..	..	157c
1	2	..	2	1	2	1	2	..	..	1	..	1	..	..	..	..	..	..	..	..	..	157b, d, e
4	2	2	2	..	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	158
1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	159
5	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	160
3	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161 a-e
2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161f
..	1	1	1	1	1	..	..	1	1	1	..	..	..	..	..	1	1	..	..	..	..	173-175
2	1	1	..	3	3	1	1	2	..	1	1	2	1	..	3	..	3	..	..	..	..	176-198
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	199, 200

TABLE 85.—DEATHS OF CHILDREN UNDER ONE YEAR OF AGE (exclusive of Stillbirths) CLASSIFIED ACCORDING TO BIRTHPLACES OF PARENTS, 1939.

Birthplace of father	Birthplace of mother																	Total fathers												
	Canada										British Isles				Europe															
	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	England	Ireland	Scotland	Wales	Other British	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Norway	Poland	Roumania	Russia (1)	Other	United States	Not specified	
Canada	1	1	1	6	28	37	387	8	3	3	2	3	..	..	3	..	..	..	1	..	..	1	..	4	..	..	6	1	1	1
Prince Edward Island	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nova Scotia	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Brunswick	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quebec	4	2	1	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ontario	2	1	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manitoba
Saskatchewan
Alberta
British Columbia
British Isles
England
Ireland
Scotland
Wales
British Possessions
Newfoundland
Other
Europe
Austria
Denmark
Finland
France
Germany
Hungary
Norway
Poland
Roumania
Russia (1)
Sweden
Other
United States
Various
Not specified
Total mothers	1	1	1	9	41	62	576	10	5	20	3	5	1	1	20	1	1	1	1	9	1	9	1	33	6	39	5	65	2	

(1) Including the Ukraine.

MATERNAL MORTALITY

Deaths from puerperal causes totalled 59 in 1939. The death rate per 1,000 living births was 3.3. Rates for previous years and for all the provinces are shown in Table No. 11.

TABLE 86.—MATERNAL MORTALITY. CAUSES OF DEATH, 1939.

Cause	Number of deaths	
	1938	1939
Abortion with septic conditions	8	5
Abortion without mention of septic conditions.....	3	2
Ectopic gestation	1	4
Puerperal hæmorrhage	8	5
Puerperal septicæmia (not specified as due to abortion)....	9	15
Puerperal albuminuria and eclampsia	6	15
Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic).....	9	9
Other accidents of childbirth	2	4
Total.....	46	59

TABLE 87.—ASSOCIATED DISEASES OF MATERNAL DEATHS, 1939.

Disease	No.	Single	Married	Age				
				15-24	25-29	30-34	35-39	40-45
Goitre	2	1	1	2	..	..	..	..
Bronchopneumonia	1	1	..	1	..	..	..	..
Chronic endocarditis, chronic nephritis....	1	..	1	..	..	1	..	..
Coronary thrombosis..	1	..	1	..	..	..	..	1
Cirrhosis of liver.....	1	..	1	..	..	..	..	1
Diabetes	1	..	1	..	..	..	1	..
Diabetes, chronic nephritis	1	..	1	..	..	..	..	1
Encephalitis	1	1	..	1	..	..	..	..
Inflammation of bowel with diarrhoea	1	..	1	1	..	..	..	..
Interstitial nephritis ..	1	..	1	..	1	..	..	..
Myocarditis, nephritis, obesity	1	..	1	..	..	..	..	1
Ovarian cyst	1	..	1	..	..	1	..	..

TABLE 88.—MATERNAL MORTALITY BY AGE PERIODS, 1939.

Age period	Number
15-19 years	4
20-24 years	13
25-29 years	8
30-34 years	10
35-39 years	13
40-44 years	11
Total	59

DEATHS IN INSTITUTIONS

TABLE 89.—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1939.
(Exclusive of Stillbirths)

Location and name of institution	Male	Female	Total
Abernethy Hospital	2	....	2
Antler Community Hospital	2	2	4
Arcola Brock Union Hospital	5	2	7
Assiniboia Union Hospital	9	11	20
Balcarres Hospital	1	1	2
Bengough Hospital	3	1	4
Bienfait Community Hospital	4	2	6
Biggar St. Margaret's Hospital	9	4	13
Birch Hills General Hospital	....	4	4
Borden Cottage Hospital	2	2	4
Bracken Red Cross Outpost	1	....	1
Broadview St. Michael's Hospital	6	8	14
Cabri Union Hospital	9	8	17
Canora Hugh Waddell Memorial Hospital	22	12	34
Canwood Nursing Home	....	1	1
Carnduff, Mrs. T. R. Reid's Nursing Home	1	....	1
Carragana Red Cross Outpost	2	2	4
Carrot River Mitchell Memorial Hospital	1	....	1
Central Butte Enfield Victorian Hospital	1	3	4
Climax Hospital	....	1	1
Cudworth St. Michael's Hospital	9	8	17
Cupar Nursing Home	....	2	2
Cut Knife Community Hospital	4	2	6
Davidson Union Hospital	4	2	6
Dinsmore Community Hospital	....	1	1
Dodsland Community Hospital	2	4	6
Eastend Jubilee Hospital	2	3	5
Eatonia Union Hospital	3	2	5
Edam Lady Minto Hospital	7	5	12
Elrose Community Hospital	4	2	6
Endeavour Red Cross Outpost	1	1	2
Estevan St. Joseph's Hospital	21	20	41
Eston Union Hospital	6	10	16
Foam Lake Hospital	8	6	14
Fort Qu'Appelle Indian Hospital	11	4	15
Fort San Sanatorium	11	10	21
Frontier Community Hospital	3	1	4
Gravelbourg St. Joseph's Hospital	14	8	22
Gull Lake Union Hospital	10	4	14
Hafford Hospital	4	4	8
Hepburn Goodwill Hospital	1	1	2
Hepburn Nursing Home	....	1	1
Herbert Community Hospital	9	4	13
Hudson Bay Junction Nursing Home	1	1	2
Humboldt St. Elizabeth's Hospital	32	14	46
Ile a la Crosse St. Joseph's Hospital	2	1	3
Indian Head Union Hospital	21	8	29
Kamsack King Edward Hospital	11	8	19
Kelvington Union Hospital	3	4	7
Kerrobert Union Hospital	11	1	12
Kincaid Community Hospital	1	1	2
Kindersley Union Hospital	9	6	15
Kinistino Hospital	2	2	4
Lake Lenore Hospital	....	1	1
Lampman Union Hospital	6	....	6
Lashburn Union Hospital	11	4	15
Leader Hospital	3	4	7
Lestock St. Joseph's Hospital	3	5	8
Lloydminster United Union Hospital	21	17	38
Loon Lake Red Cross Outpost	4	4	8
Lucky Lake Community Hospital	4	1	5

TABLE 89.—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1939.
(Exclusive of Stillbirths)—Continued

Location and name of institution	Male	Female	Total
Macklin St. Joseph's Hospital.....	18	10	28
Maple Creek General Hospital.....	10	9	19
Meadow Lake Hospital.....	12	12	24
Melfort Lady Minto Hospital.....	25	13	38
Melville Municipal Hospital.....	4	9	13
Melville St. Paul's Lutheran Old Folks Home.....	1	1	2
Milden Hospital.....	3	1	4
Moose Jaw Children's Aid.....	.....	1	1
Moose Jaw General Hospital.....	62	37	99
Moose Jaw Providence Hospital.....	27	20	47
Moosomin General Hospital.....	11	3	14
Nipawin Lady Grey Hospital.....	6	8	14
Nokomis Hospital.....	2	3	5
North Battleford Isolation Hospital.....	1	.....	1
North Battleford Notre Dame Hospital.....	29	14	43
North Battleford Provincial Hospital.....	59	27	86
Oxbow Union Hospital.....	5	2	7
Paddockwood Red Cross Outpost.....	2	1	3
Pangman Hospital.....	1	.....	1
Ponteix Gabriel Hospital.....	6	2	8
Pierceland Hospital.....	3	3	6
Preeceville Jubilee Hospital.....	5	3	8
Prince Albert Holy Family Hospital.....	41	34	75
Prince Albert Sanatorium.....	15	15	30
Prince Albert Victoria Hospital.....	30	20	50
Quill Lake Nursing Home.....	.....	1	1
Rabbit Lake Rose Gill Hospital.....	11	8	19
Regina Babies' Welfare.....	.....	2	2
Regina General Hospital.....	146	76	222
Regina Grey Nuns Hospital.....	129	75	204
Regina Provincial Gaol.....	1	.....	1
Regina Salvation Army Home.....	2	1	3
Rosetown Union Hospital.....	18	7	25
Rose Valley Union Hospital.....	4	7	11
Rosthern St. John's Hospital.....	1	1	2
Rouleau Community Hospital.....	2	1	3
St. Hubert's Mission Joan of Arc Home.....	15	8	23
Saskatoon Hillcrest Nursing Home.....	1	2	3
Saskatoon Bethany Hospital.....	1	1	2
Saskatoon City Hospital.....	173	80	253
Saskatoon St. Paul's Hospital.....	68	44	112
Saskatoon Sanatorium.....	13	6	19
Scott Municipal Hospital.....	1	.....	1
Shaunavon McKenzie's Nursing Home.....	1	1	2
Shaunavon Union Hospital.....	11	10	21
Smeaton W.M.S. Hospital.....	2	5	7
Swift Current General Hospital.....	30	15	45
Tisdale Nursing Home.....	.....	1	1
Tisdale St. Therese Hospital.....	24	10	34
Tuberose Red Cross Outpost.....	3	2	5
Turtleford Hospital.....	4	1	5
Unity Union Hospital.....	12	8	20
Vanguard Union Hospital.....	4	4	8
Wadena Union Hospital.....	9	17	26
Wakaw Anna Turnbull Memorial Hospital.....	6	4	10
Watrous Manitou Hospital.....	9	4	13
Watson, Hamer's Nursing Home.....	1	1	2
Weirdale Hospital.....	.....	2	2
Weyburn General Hospital.....	13	6	19
Weyburn Provincial Hospital.....	52	21	73
Whitewood Community Hospital.....	6	2	8
White Fox Hospital.....	1	.....	1

TABLE 89.—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1939.
(Exclusive of Stillbirths)—Continued

Location and name of institution	Male	Female	Total
Wilkie Hospital	4	4	8
Wolseley Home for the Infirm.....	19	7	26
Wynyard Community Hospital.....	5	3	8
Yorkton Queen Victoria Hospital.....	56	22	78
Total.....	1,595	969	2,564

TABLE 90.—DEATHS IN CITIES AND URBAN TOWNS, 1939, FROM CERTAIN CAUSES OF DEATH (Residents only). ALSO BIRTH AND DEATH RATES.

Cities and towns	Estimated population	Births	Birth rate	Deaths	Death rate	Influenza	Tuberculosis	Cancer	Diabetes	Cerebral haemorrhage (Apoplexy)	Heart diseases	Diseases of the arteries	Pneumonia and broncho-	Nephritis (Acute and chronic)	Maternal mortality	Accidental deaths	Infant mortality	Stillbirths
Moose Jaw	20,187	288	14.3	144	7.1	6	2	25	1	6	35	17	7	8	1	8	9	3
North Battleford	4,811	68	14.1	28	5.8	2	2	4	2	2	5	2	1	3	1	3	3	7
Prince Albert	11,263	236	21.0	89	7.9	1	3	14	4	2	19	5	3	6	1	6	13	10
Regina	54,385	961	17.7	380	7.0	7	15	58	7	6	67	33	21	14	2	28	45	10
Saskatoon	42,542	540	12.7	294	6.9	2	11	37	3	4	75	36	6	17	2	9	10	9
Swift Current	5,173	101	19.5	24	4.6	1	1	4	1	3	3	2	1	1	1	2	1	1
Weyburn	5,441	58	10.7	32	5.9	2	1	7	2	1	2	5	1	2	1	1	2	3
Yorkton	5,026	106	21.1	44	8.8	2	1	4	2	1	10	3	3	2	1	3	2	1
Assiniboia	1,282	23	17.9	9	7.0	1	3	3	1	1	1	1	1	1	1	1	3	1
Battleford	1,150	30	26.1	11	9.6	1	2	1	1	1	2	3	1	1	1	1	1	1
Biggar	1,991	25	12.6	13	6.5	1	1	1	1	1	1	1	2	1	1	1	1	1
Canora	1,279	18	14.1	9	7.0	1	1	1	1	1	1	1	1	1	1	1	1	1
Estevan	2,908	59	20.3	30	10.3	1	1	4	1	1	4	6	1	1	1	2	3	1
Humboldt	1,855	22	11.9	14	7.5	1	1	5	1	1	1	6	1	1	1	2	1	1
Indian Head	1,392	18	12.9	22	15.8	1	1	3	1	1	2	6	1	1	1	3	1	1
Kamsack	1,844	25	13.6	9	4.9	1	1	1	1	1	3	1	1	2	1	1	1	1
Kindersley	1,050	17	16.2	8	7.6	1	1	2	1	1	1	1	1	2	1	1	1	1
Maple Creek	1,052	20	19.0	17	16.2	1	3	2	2	1	6	2	1	2	1	1	1	1
Melfort	1,986	27	13.6	16	8.1	1	1	2	2	1	3	2	1	1	1	1	1	2
Melville	3,999	60	15.0	19	4.8	1	1	4	1	1	3	1	1	2	1	1	1	1
Moosomin	1,124	19	16.9	16	14.2	1	1	1	1	2	4	2	2	1	1	1	1	1
Rosetown	1,549	19	12.3	5	3.2	1	1	1	1	1	2	1	1	1	1	1	1	1
Rosthern	1,382	20	14.5	12	8.7	1	1	1	1	1	5	1	1	2	1	1	3	1
Shaunavon	1,668	26	15.6	15	9.0	1	1	1	1	1	6	1	1	1	1	1	2	1
Tisdale	1,175	22	18.7	8	6.8	1	1	1	1	1	3	1	2	1	1	1	1	1
Watrous	1,170	21	17.9	10	8.5	1	1	2	1	1	1	2	2	1	1	1	1	2
Wilkie	1,243	18	14.5	13	10.5	1	1	2	1	1	2	2	2	2	1	1	1	1
Wynyard	1,130	17	15.0	9	8.0	1	1	2	1	1	1	2	2	1	1	1	1	1

TABLE 91.—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages) 1939, FROM CERTAIN CAUSES OF DEATH. (Residents only.)

R.M. No.	Births	Deaths	Influenza	Tuber- culosis	Cancer	Diabetes	Cerebral haemorrhage (Apoplexy)	Heart Diseases	Diseases of the arteries	Pneumonia and broncho- pneumonia	Nephritis (Acute and chronic)	Maternal mortality	Accidental deaths	Infant mortality	Stillbirths
1	23	15	..	1	4	1	1	3	1	..	1	..	..	..	1
2	25	14	..	..	2	..	..	1	..	1	2	1	4	..	1
3	41	19	1	1	2	..	1	4	2	1	1	1	1	4	2
4	96	17	..	..	5	..	..	5	8	1	..	1	3	5	..
5	87	40	..	1	2	..	..	3	2	1	..	1	1	1	1
6	35	10	..	1	2	1	..	1	5	1	..	..	2	2	1
7	29	15	1	1	2	1	..	1	..	..	..	..	..	..	1
8	27	5	2	1	1	..	..	1	..	..	1	..	..	2	1
9	32	8	..	..	1	..	..	2	..	..	1	..	..	..	1
10	22	5	1	..	..	..	..	2	1	..	1	..	..	..	1
11	36	8	2	..	1	..	..	2	1	..	..	..	1	1	1
12	26	8	..	..	1	..	..	1	2	..	1	..	1	1	..
13	6	1	..	..	..	..	..	..	..	..	..	..	..	..	..
14	8	2	..	..	..	..	..	..	..	..	..	..	..	..	..
15	4	1	1	..	..	..	..	..	..	..	..	..	..	1	..
16	6	1	..	..	..	..	..	..	..	..	..	..	1	..	..
17	26	7	..	1	2	..	..	1	1	..	..	1	1	..	..
18	19	7	..	1	1	..	..	1	1	..	..	1	..	1	..
19	15	4	..	..	1	..	..	1	..	..	1	..	..	1	..
20	8	1	..	..	1	..	..	2	..	..	..	..	..	..	..
21	5	3	..	..	1	..	..	2	1	..	..	..	..	1	..
22	2	2	1	..	..	..	..	2	..	..	..	..	..	..	..
31	29	3	..	..	..	..	..	..	..	..	..	..	1	..	3
32	25	3	..	..	1	1	..	1	..	2	..	..	..	..	1
33	17	8	..	..	1	..	..	1	3	1	1	..	2	2	..
34	34	18	1	1	3	..	..	1	2	1	..	..	..	2	4
35	25	10	..	..	2	1	..	1	..	1	..	..	..	2	1
36	25	12	1	1	1	1	..	1	..	1	..	..	..	2	1
37	24	4	..	..	1	..	..	1	..	..	..	..	..	1	1
38	55	12	..	..	2	..	1	4	..	1	..	..	..	1	1

TABLE 91.—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages) 1939, FROM CERTAIN CAUSES OF DEATH. (Residents only.)—Continued.

R.M. No.	Births	Deaths	Influenza	Tuber- culosis	Cancer	Diabetes	Cerebral haemorrhage (Apoplexy)	Heart Diseases	Diseases of the arteries	Pneumonia and broncho- pneumonia	Nephritis (Acute and chronic)	Maternal mortality	Accidental deaths	Infant mortality	Stillbirths
94	30	9	1		2			2	1	1				2	2
95	12	6			1					1			1	1	1
96	27	9				1		2							1
97	15	8						2	2	3				1	1
98	42	20	1		7			4	3	3			1	3	1
99	22	11			2	1		2	2	2	1			1	1
100	39	11	1		1	1		1	2	2	1			2	
101	30	7			2		1	2	1				1		
102	19	5											2		
103	18	8		1	1				3				1	2	1
104	61	18	3			1	1		3	1			1	5	1
105	16	12	1					2	2	2	1	1	1	1	1
106	29	12	1		4			2	3			1	1	2	2
107	29	3						1						2	
108	18	8			1		1	1	1		1		1	1	
109	17	5			1								2		
110	14	4			1				1						
111	41	20	1	3			1	7	2		2		2		
112	10	4		1			2	1	1	1	1				
121	50	32		1	1	2	2	9	7	3	1		2	3	2
122	23	17		1	3			5	4	3	1			2	2
123	40	21			2	2		9	4	1	2			1	2
124	36	13				2		1	2	1	1	1	1	2	
125	23	10	1	1		1		2	1		2			1	1
126	60	24	1	1	4			2	3		1			3	6
127	66	26			4			5	3	1	2		1	6	2
128	33	5			1			5			2				2
129	15	10			2			5			2		1	1	1
130	30	18			2	1	1	4	1	1	1		1	2	1
131	22	12	1		2			3	1	1		1		1	1

TABLE 91.—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages) 1939, FROM CERTAIN CAUSES OF DEATH.
(Residents only.)—Continued.

R.M. No.	Births	Deaths	Influenza	Tuber- culosis	Cancer	Diabetes	Cerebral haemorrhage (Apoplexy)	Heart Diseases	Diseases of the arteries	Pneumonia and broncho- pneumonia	Nephritis (Acute and chronic)	Maternal mortality	Accidental deaths	Infant mortality	Stillbirths
186	46	15	1	2	1	..	..	2	3	..	1	..	..	2	..
187	76	26	1	1	2	..	..	5	2	1	2	..	2	7	1
189	30	23	..	1	2	..	..	3	2	1	2	..	2	..	3
190	21	12	..	..	1	..	..	1	1	1	2	..	1	..	..
191	27	7	..	..	1	..	1	3	..	..	1	..	..	..	1
193	16	6	..	..	2	..	..	..	..	..	..	..	2	..	..
194	24	10	..	..	1	..	..	4	1	..	..	1	2	..	..
195	42	13	..	..	1	..	1	4	1	1	1	..	..	1	..
211	63	21	2	..	..	..	..	7	4	1	1	..	..	1	..
213	51	47	3	2	6	1	1	11	3	2	2	..	3	4	1
214	119	14	..	..	1	1	1	4	1	..	..	..	1	2	5
215	84	19	..	..	1	1	1	7	..	2	..	..	..	4	..
216	67	16	4	..	..	..	..	1	..	1	1	1	..	4	1
217	41	14	..	..	5	..	1	1	1	2	1	1	..	11	1
218	52	17	1	1	..	..	1	2	1	..	..	..	..	3	3
219	53	11	..	..	1	..	1	1	2	2	..	..	..	4	..
220	39	17	..	..	1	1	..	1	1	1	3	..	1	1	1
221	59	15	..	..	3	..	..	3	2	2	..	..	..	5	3
222	26	10	1	1	1	1	1	1	..	2	..	..	..	1	..
223	15	5	..	..	..	..	2	1	..	..	..	..	1	..	..
224	19	4	..	..	1	..	..	..	2	..	1	..	1	..	..
225	22	5	..	..	1	..	..	..	1	..	..	..	1	..	..
226	27	5	..	..	1	..	..	1	1	..	..	..	1	..	1
227	15	6	..	..	..	..	..	..	1	..	..	..	1	..	1
228	38	9	2	..	..	..	..	2	..	2	1	..	1	1	2
229	24	10	..	..	3	..	..	2	1	1	..	..	..	1	..
230	31	4	..	..	1	..	..	2	1	1	..	..	..	1	..
231	86	23	..	..	3	1	..	3	5	2	..	..	2	2	2
232	16	6	..	..	..	..	..	2	1	..	1	..	..	1	..
241	63	25	3	2	3	..	..	9	1	2	2	1	..	1	1

TABLE 91.—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages) 1939, FROM CERTAIN CAUSES OF DEATH.
(Residents only.)—Continued.

R.M. No.	Births	Deaths	Influenza	Tuber- culosis	Cancer	Diabetes	Cerebral haemorrhage (Apoplexy)	Heart Diseases	Diseases of the arteries	Pneumonia and broncho- pneumonia	Nephritis (Acute and chronic)	Maternal mortality	Accidental deaths	Infant mortality	Stillbirths
289	20	10	1	1	3	..	..	3	..	1	..	..	..	..	1
290	31	12	..	..	3	..	..	2	2	..	..	..	..	1	1
291	12	5	1	..	1	..	1	..	1	..	..	..	..	1	1
292	12	5	1	..	..	..	..	..	..	..	..	..	..	..	..
301	61	25	1	2	2	1	1	2	..	1	3	1	1	6	..
303	42	20	..	..	2	..	1	3	3	2	2	..	2	2	1
304	65	27	..	..	5	..	1	4	2	1	..	..	1	3	3
305	77	24	3	2	3	1	2	4	2	1	..	..	1	5	1
306	26	16	1	2	2	..	..	1	2	1	1	1	..	2	..
307	48	8	..	2	4	..	1	3	2	4	1	..	2	3	2
308	70	27	..	2	1	..	1	2	3	1	..	..	2	1	1
309	40	9	..	1	1	..	..	2	..	1	1	1	..	1	1
310	51	10	1	1	1	..	..	1	1	1	1	..	..	1	..
312	70	10	..	..	2	..	..	1	..	2	2	..	..	1	..
313	25	2	..	..	1	..	..	..	..	..	..	..	..	..	..
314	24	6	..	1	..	..	..	..	1	2	..	..	3	..	..
315	22	8	..	..	..	1	..	..	1	..	..	..	..	..	..
316	21	12	..	..	4	1	..	2	1	1	..	..	1	..	..
317	12	10	..	1	2	..	..	..	1	1	..	..	3	2	..
318	27	11	1	..	3	1	..	3	1	..	..	..	1	1	..
319	21	11	..	..	1	1	..	2	2	..	..	..	..	..	..
320	11	1	..	..	..	..	..	..	1	..	..	..	..	..	..
321	23	7	..	..	1	..	..	3	..	1	..	..	..	..	..
322	11	8	..	..	3	..	..	2	2	1	..	..	..	1	..
331	73	21	..	1	6	..	1	2	..	1	..	..	2	3	6
333	124	40	1	1	7	..	1	10	..	3	2	3	2	8	2
334	87	27	1	2	2	..	1	5	1	3	2	1	2	5	2
335	73	12	1	1	1	..	1	6	1	2	..	1	4	6	1
336	67	24	..	1	3	..	1	4	1	2	5	1	1	2	3
337	75	15	..	1	1	..	1	4	2	..	..	..	..	2	2

DIAGRAM 13.
CANCER 1939

NUMBER 749
RATE 78.9

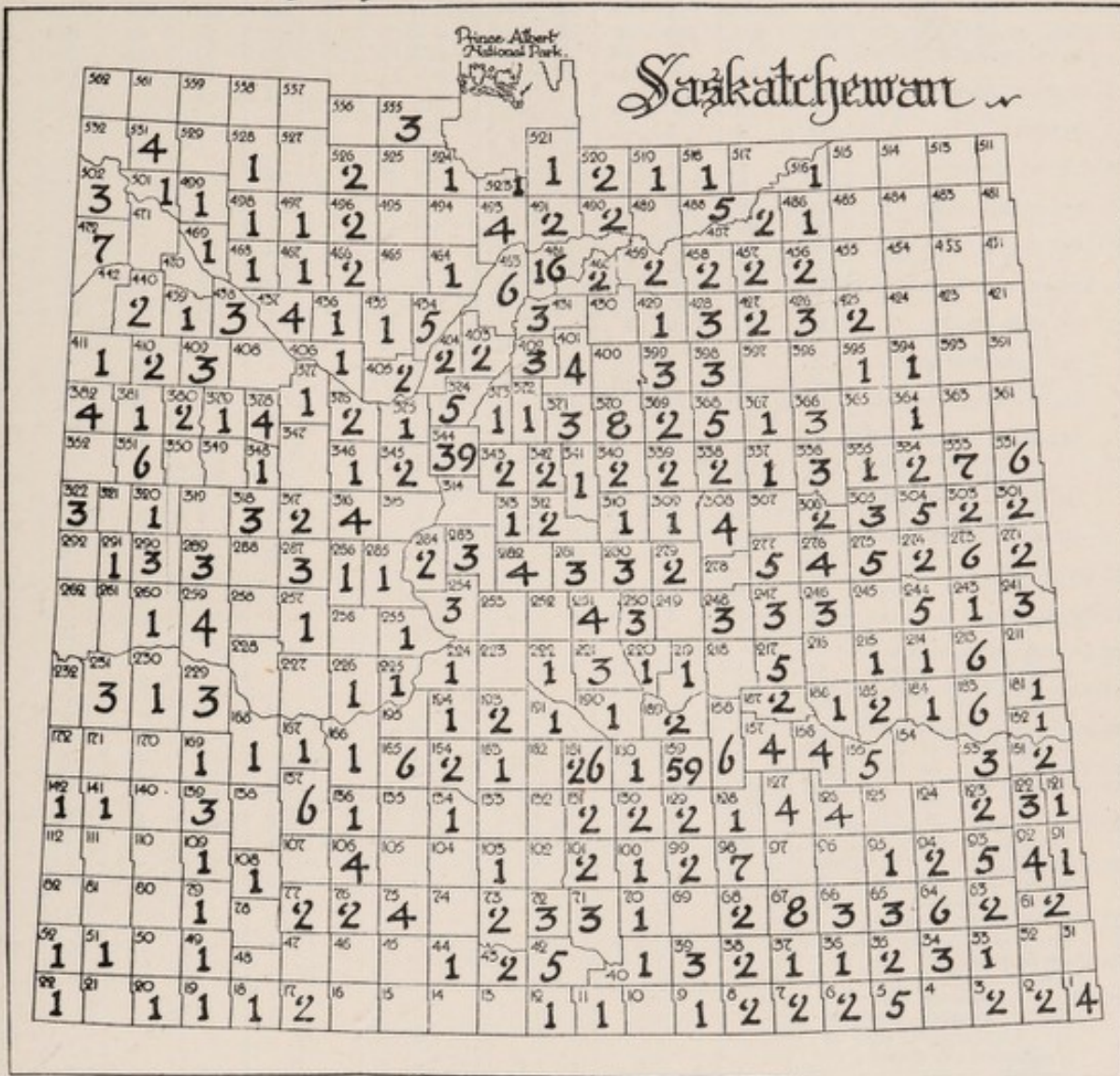


TABLE 92.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition											Widowed	Not stated
			Single					Married							
			Under 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			
Deaths—All causes	Total	6,031	1,343	212	159	197	189	1	30	393	1,188	1,094	1,208	17	
	M.	3,593	762	131	124	168	159	1	5	177	745	756	548	17	
	F.	2,438	581	81	35	29	30		25	216	443	338	660		
Class I—Infectious and parasitic diseases	Total	602	241	37	36	16	4		8	74	81	42	61	2	
	M.	334	135	26	29	10	3			33	51	25	20	2	
	F.	268	106	11	7	6	1		8	41	30	17	41		
1 Typhoid fever	M.	8	4							1	1		1	1	
	F.	2		1								1			
7 Measles	M.	3	3												
	F.	3	2									1			
8 Scarlet fever	M.	5	2		1					2					
	F.	7	6						1						
9 Whooping cough	M.	29	29												
	F.	19	19												
10 Diphtheria	M.	23	21	1						1					
	F.	13	10						1		1		1		
11 Influenza	M.	93	39	7	1	2	3			4	14	15	8		
	F.	106	36	2	2	1	1		1	8	11	13	31		
(a) Sole cause	M.	11	6				1				1	2	1		
	F.	12	2		1						2	1	6		
(b) With bronchitis	M.	3										2	1		
	F.	5	1	1							2		1		
(c) With pneumonia	M.	47	20	4	1		2			4	4	8	4		
	F.	50	18	1						5	3	8	15		
(d) With other diseases of the respiratory system	M.	3	1			1					1				
	F.	9	1		1		1				1	1	4		
(e) With intestinal complications	M.	8	3								3	2			
	F.	10	8							1	1				
(f) With other causes	M.	21	9	3		1					5	1	2		
	F.	20	6			1			1	2	2	3	5		
13 Dysentery	M.	3	1									1	1		
	F.	3	1	1									1		
15 Erysipelas	M.	3	2							1					
	F.	1											1		
16 Poliomyelitis and poliomyelitis (acute)	M.	1		1											
17 Lethargica or epidemic encephalitis	M.	3		1							1		1		
	F.	4				1				1	2				
18 Epidemic cerebrospinal meningitis	M.	2	1	1											
	F.	1	1												
22 Tetanus	M.	1	1												
23-32 Tuberculosis	M.	133	30	13	24	4				22	24	8	8		
	F.	100	29	6	5	4			5	31	11	2	7		
23 Tuberculosis of the respiratory system	M.	106	17	11	19	4				18	21	8	8		
	F.	85	21	4	3	4			5	30	9	2	7		
24 Tuberculosis of the meninges and central nervous system	M.	12	9							3					
	F.	9	7	1	1										
25 Tuberculosis of the intestines and peritoneum	M.	1		1											
26 Tuberculosis of the vertebral column	M.	3	1		1					1					
29 Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	M.	1									1				
30 Tuberculosis of the genito-urinary system	M.	4	2		1						1				
	F.	1									1				
32 Disseminated tuberculosis	M.	6	1	1	3						1				
	F.	5	1	1	1					1	1				
(a) Acute	M.	3		1	2										
	F.	3	1	1						1					
(b) Chronic	M.	1			1										
	F.	1									1				
(c) Not specified	M.	2	1								1				
	F.	1			1										
33 Leprosy	M.	1									1				
34 Syphilis	M.	18	1	1	1	4					9	1		1	
	F.	4	1								3				
35 Gonococcus infection and other venereal diseases	F.	1		1											
36 Purulent infection, septicaemia (non-puerperal)	M.	5		1	2						1		1		
	F.	3								1	2				
43 Mycoses	M.	2								2					

CONDITION, NATIVITY AND MONTH OF DEATH, 1939.

Nativity					Months												Int. list No.
Canada	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
3,258	890	446	1,407	30	492	488	498	515	510	464	502	466	503	514	546	533	
1,877	555	273	862	26	285	288	272	296	302	285	298	287	322	306	336	316	
1,381	335	173	545	4	207	200	226	219	208	179	204	179	181	208	210	217	
434	59	24	84	1	47	53	67	87	70	39	38	32	34	41	54	40	
239	31	14	49	1	27	28	35	41	38	24	24	21	20	27	28	21	
195	28	10	35		20	25	32	46	32	15	14	11	14	14	26	19	
7	1							1		1				5		1	1
2					1												
3					2				1								7
2			1			1		1							1		
4			1		2		1		1			1					8
7					1	1	2						1		1	1	
29							2	1	2	1	1	2	5	6	3	6	9
19								1		1	1	1	2	3	8	2	
22		1			5	4	1	1	1		2	3	1	1	3	1	10
11		1	1		1	3		2		1	2			1	2	1	
70	8	5	10		7	9	16	18	12	5	3	2	2	6	8	5	11
66	19	4	17		6	8	20	29	17	2	3	2	3	4	7	5	
10		1				2	3	4	1						1		11a
7	1		4				2	6	2						1	1	
1	1	1			1										2		11b
3	1	1				1		3	1								
34	4	1	8		2	4	9	10	10	3				3	3	3	11c
30	8	3	9		3	3	11	16	9		1	2		1	2	2	
2		1				1			1		1						11d
4	3		2		1	1	3	1	1	1					1		
5	1	1	1		2	1	1	1				1	1			1	11e
10						2		1	1				3	2	1		
18	2		1		2	1	3	3	2	2	1	1	1	3	2	1	11f
12	6		2		2	1	4	2	3	1	2			1	2	2	
3													2		1		13
2		1								1	1		1				
2			1								1			1		1	15
1								1									
			1							1							16
3								1	1			1					17
2	2				1							1	1			1	
1		1				1						1					18
1								1									
1															1		22
82	17	5	28	1	9	13	12	18	16	10	15	8	8	7	12	5	23-32
78	5	4	13		9	11	9	10	14	9	7	6	6	6	6	7	
62	17	5	21	1	8	9	8	13	15	9	13	7	6	5	10	3	23
65	5	4	11		9	8	9	7	11	9	5	5	6	6	4	6	
11			1			3	2	3			1		1	1		1	24
9						2		2	2		1				2		
1							1										25
3						1			1		1						26
			1										1				29
2			2		1		1	1						1			30
			1						1								
3			3					1		1		1			2	1	32
4			1			1		1			1	1			1	1	
1			2							1					1	1	32a
3											1	1					
1								1							1		32b
1			1					1				1					32c
1						1											
1						1											33
7	5	2	4		2		3		3	5		1	2	1		1	34
2			2			1	1		1							1	
1										1							35
2			3								2	2				1	36
	2		1		1							1					
1			1					1		1							43

TABLE 92.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition										Widowed	Not stated		
			Single					Married								
			Under 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				
44	Other infectious or parasitic diseases	M. 1 F. 1	1 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	(c) Others under this title	M. 1 F. 1	1 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Class II—Cancer and other tumours	Total 790 M. 443 F. 347	9 8 1	12 6 6	11 7 4	30 26 25	33 26 26	..... ..... .....	1 1 1	51 15 36	277 145 132	186 123 63	179 85 94	...............	...............	...............
45-53	Cancer and other malignant tumours	M. 426 F. 323	6 1	6 4	5 4	25 4	26 7	..... .....	1 30	14 126	140 58	119 89	83 89	..........	..........	..........
45	Cancer of the buccal cavity and pharynx	M. 23 F. 4	1 .....	..... .....	..... .....	1	7 .....	..... .....	..... .....	..... .....	6 1	11 2	3 1	..........	..........	..........
46	Cancer of the digestive tract and peritoneum	M. 251 F. 150	1	2	3 1	16 1	18 4	..... .....	..... .....	8 6	85 49	73 34	44 55	..........	..........	..........
	(a) Of the œsophagus	M. 5 F. 5	..... .....	..... .....	..... .....	..... .....	1 .....	..... .....	..... .....	..... .....	3 1	2.....	..........	..........	..........	..........
	(b) Of the stomach and duodenum	M. 139 F. 60	..... .....	..... .....	1 1	11 1	11 1	..... .....	..... .....	4 1	43 19	39 18	30 20	..........	..........	..........
	(c) Of the rectum	M. 21 F. 14	..... .....	..... .....	1	1	2 .....	..... .....	..... .....	2 3	9 3	4 3	1 5	..........	..........	..........
	(d) Of the liver and biliary ducts	M. 27 F. 22	..... .....	..... .....	..... .....	..... .....	1 .....	..... .....	..... .....	1 8	7 9	4 7	10 9	..........	..........	..........
	(e) Of the pancreas	M. 15 F. 5	..... .....	..... .....	..... .....	2 .....	..... .....	..... .....	..... .....	..... .....	5 3	7 1	1.....	..........	..........	..........
	(f) Of the peritoneum	F. 2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
	(g) Of other organs	M. 44 F. 42	1	2	1 1	2	4 2	..... .....	..... .....	1 2	17 12	14 8	2 17	..........	..........	..........
47	Cancer of the respiratory organs	M. 26 F. 7	..... .....	2 1	..... .....	2	1 .....	..... .....	..... .....	2 2	12 2	3 1	4 3	..........	..........	..........
	(a) Of the larynx	M. 6	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....
	(b) Of the lung	M. 16 F. 4	..... .....	2 1	..... .....	2 .....	..... .....	..... .....	..... .....	1	4 1	3	4 2	..........	..........	..........
	(c) Of the mediastinum	M. 1 F. 1	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	1.....	..........	..........	..........	..........	..........
	(d) Of other organs of the respiratory system	M. 3 F. 2	..... .....	..... .....	..... .....	..... .....	1 .....	..... .....	..... .....	1 1	1 1	..........	..........	..........	..........	..........
48	Cancer of the uterus	F. 43	.....	.....	.....	1	.....	.....	.....	9	23	6	4	.....	.....	.....
	(a) Of the uterus	F. 30	.....	.....	.....	.....	.....	.....	.....	5	16	6	3	.....	.....	.....
	(b) Of the cervix uteri	F. 13	.....	.....	.....	1	.....	.....	.....	4	7	.....	1	.....	.....	.....
49	Cancer of other female genital organs	F. 17	.....	1	1	2	.....	.....	.....	2	6	1	4	.....	.....	.....
50	Cancer of the breast	F. 54	.....	.....	.....	.....	2	.....	.....	5	29	7	11	.....	.....	.....
51	Cancer of the male genito-urinary organs	M. 69	.....	.....	.....	1	4	.....	.....	1	18	25	19	.....	.....	.....
	(a) Of the bladder	M. 21	.....	.....	.....	1	.....	.....	.....	.....	11	5	4	.....	.....	.....
	(b) Of the kidney	M. 7	.....	.....	.....	.....	.....	.....	.....	1	2	2	1	.....	.....	.....
	(c) Of the prostate gland	M. 38	.....	.....	.....	.....	3	.....	.....	.....	5	16	14	.....	.....	.....
	(d) Of the testicles and annexa	M. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	(e) Of other male genito-urinary organs	M. 2	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
52	Cancer of the skin	M. 10 F. 9	..... .....	1 .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	2 3	4	3 4	..........	..........	..........
53	Cancer of other or unspecified organs	M. 47 F. 39	4 1	1 2	2 2	5 1	2 .....	..... .....	..... .....	3 6	17 13	3 7	10 7	..........	..........	..........
	(a) Of the eye and orbit	M. 3 F. 2	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	2 .....	..... .....	1.....	..........	..........	..........
	(c) Of the glandular system	M. 8 F. 4	..... .....	..... .....	1	1 .....	..... .....	..... .....	..... .....	1 1	1 2	1	3 1	..........	..........	..........
	(d) Of the female urinary organs	F. 7	.....	.....	.....	.....	.....	.....	.....	.....	3	1	3	.....	.....	.....
	(e) Of the bones and joints	M. 11 F. 4	2	1 1	..... 1	..... .....	1 .....	..... .....	..... .....	..... .....	2	1	4.....	..........	..........	..........
	(f) Of the brain	M. 15 F. 11	1 1	..... 1	1	3 .....	..... .....	..... .....	..... .....	2 3	7 6	..... .....	1.....	..........	..........	..........
	(g) Of the spine and spinal cord	M. 2 F. 1	..... .....	..... 1	..... .....	1 .....	..... .....	..... .....	..... .....	..... .....	..... 1	..........	..........	..........	..........	..........
	(h) Of the neck	M. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	(i) Of the abdomen	M. 3 F. 8	1 .....	..... .....	..... .....	..... .....	1 .....	..... .....	..... .....	..... 2	1 1	..... 4	..... 1	..........	..........	..........
	(j) Of other specified organs	M. 4 F. 2	..... .....	..... .....	..... .....	..... 1	..... .....	..... .....	..... .....	..... .....	3 1	1.....	..........	..........	..........	..........
54	Non-malignant tumours	M. 12 F. 22	2 .....	..... 2	1 .....	..... .....	..... .....	..... .....	..... .....	1 5	3 5	3 5	2 5	..........	..........	..........
	(a) Of the ovary	F. 8	.....	2	.....	.....	.....	.....	.....	1	2	1	2	.....	.....	.....
	(b) Of the uterus	F. 5	.....	.....	.....	.....	.....	.....	.....	3	1	1	.....	.....	.....	.....

CONDITION, NATIVITY AND MONTH OF DEATH, 1939.—Continued.

Nativity					Months												Int. list No.
Canada	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	44
1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	44c
1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	44c
1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	44c
280	167	81	256	6	59	68	54	56	73	79	66	58	71	64	86	56	45-53
141	98	45	154	5	33	40	27	35	39	44	38	39	38	32	48	30	45-53
139	69	36	102	1	26	28	27	21	34	35	28	19	33	32	38	26	45-53
132	93	45	151	5	31	39	26	33	36	43	35	36	37	32	48	30	45-53
130	66	32	94	1	23	28	24	19	33	32	27	17	31	31	34	24	45-53
7	7	3	6	...	2	2	1	1	...	2	3	4	1	...	4	3	45
...	3	...	1	...	...	...	...	...	1	...	...	...	...	1	...	2	45
71	54	26	97	3	17	20	14	19	21	16	24	23	25	23	31	18	46
55	32	13	49	1	9	11	14	8	16	15	15	10	14	16	14	8	46
...	2	...	3	...	...	1	...	...	1	...	...	1	...	...	2	...	46a
2	1	...	2	...	...	...	1	...	...	...	...	...	2	...	1	1	46a
36	26	14	61	2	11	11	7	9	12	8	13	14	16	14	12	12	46b
22	9	4	25	...	4	5	7	3	10	6	7	3	2	6	4	3	46b
7	6	3	4	1	2	1	1	4	1	1	1	1	2	2	3	2	46c
5	3	3	3	...	1	...	...	1	...	2	3	1	2	2	2	...	46c
4	5	2	16	...	2	2	1	4	2	3	1	5	1	5	1	1	46d
7	5	1	9	...	1	2	1	3	1	2	3	2	3	3	1	1	46e
5	4	2	4	...	1	1	...	...	2	...	3	2	2	1	3	1	46e
2	...	...	2	1	1	...	1	...	...	2	...	...	...	...	1	...	46e
...	1	...	1	...	...	...	...	...	...	...	...	1	1	...	...	...	46f
19	11	5	9	...	2	4	5	2	3	7	4	4	...	5	6	2	46g
17	14	4	7	...	2	4	4	1	5	3	2	3	4	5	5	4	46g
4	7	4	11	...	4	2	2	3	4	5	2	...	1	1	1	1	47
3	1	1	2	...	...	1	...	...	1	3	1	...	...	...	...	...	47
...	2	...	4	...	2	...	1	1	1	1	...	...	...	...	1	...	47a
2	4	4	6	...	2	1	...	2	4	4	1	...	1	...	...	1	47b
2	1	...	1	...	...	1	...	...	1	1	1	...	...	...	...	...	47b
1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	47c
...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	47c
1	1	...	1	...	...	1	1	...	...	...	1	...	...	...	...	...	47d
1	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	1	47d
17	7	7	12	...	5	4	1	2	2	3	5	1	7	4	4	5	48
9	4	7	10	...	3	3	1	2	1	2	4	...	6	2	3	3	48a
8	3	...	2	...	2	1	...	...	1	1	1	1	1	2	1	2	48b
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	48b
11	3	...	3	...	...	3	2	1	3	...	...	3	...	1	2	2	49
18	18	6	12	...	4	3	3	6	7	6	2	3	6	4	7	3	50
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	50
26	15	8	19	1	5	6	5	7	8	8	3	7	7	4	5	4	51
4	9	3	5	...	3	...	2	3	2	5	1	2	...	1	2	2	51a
2	1	3	1	...	1	...	...	...	2	1	...	...	1	1	1	...	51b
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51b
17	5	2	13	1	1	6	3	3	4	2	2	5	6	2	2	2	51c
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	51d
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51d
2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	51e
6	...	1	3	...	1	2	1	...	...	2	1	...	1	...	1	1	52
4	...	1	4	...	1	1	...	1	2	2	1	...	1	1	1	1	52
18	10	3	15	1	2	7	3	3	3	10	2	2	2	4	6	3	53
22	2	4	11	...	4	6	4	1	1	3	3	...	4	4	7	2	53
1	...	...	2	...	1	...	...	...	...	...	...	...	1	...	1	...	53a
...	1	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	53a
2	1	1	4	...	1	...	...	...	...	1	...	1	...	1	4	...	53c
2	...	1	1	...	2	...	1	...	...	...	...	...	1	...	...	...	53c
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	53d
5	...	...	2	...	...	2	1	...	...	...	...	...	1	1	1	1	53d
5	3	1	1	1	1	1	...	...	1	4	1	1	...	2	...	1	53e
4	...	...	...	...	1	1	...	...	1	...	...	...	1	...	...	...	53e
7	1	1	6	...	2	2	2	3	2	1	1	...	1	1	2	...	53f
5	1	2	3	...	1	3	...	...	...	2	...	...	2	1	1	1	53f
...	1	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	53g
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	53g
2	1	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	53h
4	1	...	...	...	...	1	...	...	...	2	...	...	...	...	3	...	53i
1	2	...	4	...	...	2	1	...	1	...	2	...	...	...	...	...	53j
1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	53j
8	1	...	3	...	2	1	1	1	2	1	2	1	1	...	...	...	54
8	3	4	7	...	3	...	3	1	1	3	1	2	2	1	4	1	54
4	1	3	...	...	...	...	...	...	...	1	1	1	...	...	4	1	54a
1	...	1	3	...	1	...	2	...	1	...	...	...	...	1	...	...	54b

TABLE 92.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition										Widowed	Not stated	
			Single					Married							
			Under 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			
	(d) Of the brain	M. 5			1						1	2		1	
	F. 2											1	1		
	(e) Of the thyroid gland	F. 7									1	1	2	3	
	(f) Of the prostate gland	M. 4										1	2	1	
	(g) Of other or unspecified sites	M. 3	2										1		
55	Tumours, nature not specified	M. 5			1	1						2	1		
	F. 2										1	1			
	(d) Of the brain	M. 4			1	1						1	1		
	F. 2										1	1			
	(g) Of other or unspecified sites	M. 1										1			
	Class III—Rheumatic diseases, diseases of nutrition and of the Total	183	36	11	7	2	4				10	37	40	36	
	endocrine glands and M.	84	21	3	4	3					4	13	22	14	
	other general diseases F.	99	15	8	3	2	1				6	24	18	22	
56	Acute rheumatic fever	M. 13	7	1	1						3		1		
	F. 14		5	3	2						2		1	1	
57	Chronic rheumatism, osteo-arthritis	M. 1			1										
	F. 4										1	1	1	2	
59	Diabetes mellitus	M. 49	3		1		3				1	12	17	12	
	F. 49		2	4	1		1				1	16	12	12	
60	Scurvy	M. 1	1												
62	Pellagra	M. 1												1	
63	Rickets	M. 2	2												
	F. 3		2	1											
66	Diseases of the thyroid and parathyroid glands F.	6	3									1	2		
	(a) Simple goitre	F. 25	5								3	6	4	7	
	(b) Exophthalmic goitre	M. 2										1		1	
	(c) Myxœdema, cretinism	F. 3										1	2	5	
	(d) Tetany	F. 3	3										1	1	
	(e) Others under this title	F. 1												1	
67	Diseases of the thymus gland	M. 4	4												
	F. 1		1												
68	Diseases of the adrenals (Addison's disease)	M. 2	1	1											
	F. 1				1										
69	Other general diseases	M. 5		1	1									2	1
	(a) Fatty or amyloid degeneration	F. 2				1						1			
	Class IV—Diseases of the blood and blood-forming organs	Total 65	9	3	1	3	2				4	15	15	13	
	M. 41		8	2	1	3	2				2	8	14	1	
	F. 24		1	1							2	7	1	12	
70	Hæmorrhagic conditions	M. 2				1						1			
	(a) Simple purpura	F. 1									1				
	(b) Hæmophilia	M. 2				1						1			
71	Anæmia	M. 21	2			1	1				1	3	12	1	
	(a) Pernicious anæmia	F. 13		1								3	9	9	
	(b) Others under this title	M. 5	2				1						2		
72	Leukæmia and aleukæmia	M. 17	6	1	1	1	1				1	4	2		
	(a) Leukæmia	F. 9									1	4	1	3	
	(b) Aleukæmia (Hodg-kins disease)	M. 12	5	1	1						4	1	1		
	F. 6										1	2	1	2	
73	Diseases of the spleen	M. 5	1			1	1				1		1		
	F. 3											2		1	
74	Other diseases of the blood and blood-forming organs	F. 1	1												
	Class V—Chronic poisonings and intoxications	Total 4		1								2		1	1
	(a) Alcoholism	M. 4										2		1	1
	(b) Other alcoholic intoxications	M. 3										1		1	1
	M. 3											1		1	1

CONDITION, NATIVITY AND MONTH OF DEATH, 1939.—Continued.

Nativity					Months												Int. list No.
Canada	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
4	...	...	1	...	...	1	...	1	1	...	...	1	1	...	...	...	54d
1	1	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...
2	1	...	4	...	2	...	1	1	...	1	...	1	1	...	...	...	54e
1	1	...	2	...	...	...	1	...	1	1	1	...	...	...	...	...	54f
3	...	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...	54g
1	4	...	...	...	...	...	...	1	1	...	1	2	...	...	...	...	55
1	...	...	1	...	...	...	...	1	...	...	1	...	...	...	...	1	55d
1	3	...	...	...	...	...	...	1	1	...	1	1	...	...	...	1	55d
1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	1	55d
...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	55g
97	21	23	41	1	20	19	16	13	10	10	12	11	20	14	12	26	...
48	9	11	15	1	6	10	6	4	8	5	5	4	12	8	8	8	...
49	12	12	26	...	14	9	10	9	2	5	7	7	8	6	4	18	...
9	1	2	1	...	1	1	2	...	2	2	1	...	2	...	1	1	56
12	...	1	1	...	1	1	1	2	1	...	2	1	1	...	...	4	...
...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	57
1	...	1	2	...	...	1	1	1	...	...	...	...	...	...	...	1	...
23	7	8	10	1	3	7	4	4	4	2	4	2	5	3	6	5	59
14	9	7	19	...	8	6	6	4	...	4	2	3	4	2	2	8	...
1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	60
1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	62
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	63
3	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	...
4	...	...	2	...	...	1	...	...	...	1	...	...	3	1	...	...	66
16	3	2	4	...	5	1	2	1	...	1	2	2	2	3	1	5	...
1	...	...	1	...	...	1	...	...	...	...	...	...	...	1	...	...	66a
1	...	...	2	...	...	...	...	...	...	...	...	...	2	1	...	...	66b
9	1	2	2	...	2	...	2	...	...	1	2	1	...	2	...	4	...
1	2	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	66c
3	...	...	...	...	...	1	...	...	...	1	...	...	1	...	...	...	66d
5	...	...	...	...	1	...	...	1	...	...	...	1	1	...	...	1	...
...	...	...	1	...	1	...	...	...	...	...	...	...	1	...	2	1	66e
4	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	67
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
2	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	68
1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
2	1	...	2	...	1	...	...	...	2	...	...	1	1	...	...	...	69
1	...	1	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...
2	1	...	2	...	1	...	...	...	2	...	...	1	1	...	...	...	69a
1	...	1	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...
40	9	5	10	1	7	6	10	6	3	1	5	7	2	7	7	4	...
28	3	2	7	1	6	5	6	3	3	...	2	4	1	4	4	3	...
12	6	3	3	...	1	1	4	3	...	1	3	3	1	3	3	1	...
1	...	...	1	...	...	...	1	...	...	...	...	1	...	1	...	...	70
...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	70a
...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	70b
16	2	2	...	1	4	1	5	1	1	...	1	1	1	1	3	2	71
7	4	2	...	...	1	1	2	1	...	...	1	1	1	3	2	...	...
11	2	2	...	1	3	4	4	1	1	...	1	...	1	1	3	1	71a
7	4	2	...	...	1	1	2	1	...	...	1	1	1	3	2	...	...
...	...	...	...	...	1	1	1	...	...	...	1	...	...	...	...	1	71b
5	...	...	6	...	2	4	1	2	1	...	1	2	...	2	1	1	72
10	1	...	3	...	...	...	1	2	...	1	2	1	...	...	1	1	...
4	1	1	4	...	2	2	1	1	1	...	1	2	...	2	1	1	72a
7	1	...	2	...	...	...	1	1	...	...	2	...	...	...	1	1	...
4	...	...	2	...	...	2	...	2	...	...	...	...	...	...	1	1	72b
3	...	...	2	...	...	2	...	2	...	...	...	...	...	...	1	...	...
...	1	1	1	...	...	...	...	1	...	1	...	1	...	...	...	...	73
1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	74
2	1	...	1	...	...	...	1	...	1	...	...	...	...	...	2	...	...
2	1	...	1	...	...	...	1	...	1	...	...	...	...	...	2	...	...
1	1	...	1	...	...	...	...	...	1	...	...	...	...	...	2	...	75
1	1	...	1	...	...	...	...	...	1	...	...	...	...	...	2	...	75b

TABLE 92.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition												
			Under 15 years	Single					Married				Widowed	Not stated	
				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			
77	Chronic poisoning by mineral substances M.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	(b) Occupational, except lead M.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Class VI—Diseases of the nervous system Total	288	42	10	10	17	13	.....	.....	17	50	70	58	1	.....
	and of the organs of M.	161	19	5	8	15	10	.....	.....	7	31	45	20	1	.....
	special sense F.	127	23	5	2	2	3	.....	.....	10	19	25	38	.....	.....
78	Encephalitis (non-epidemic) M.	3	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
	F.	3	1	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
79	Simple meningitis M.	7	4	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F.	11	9	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
80	Progressive locomotor ataxia (tabes dorsalis) M.	3	.....	.....	.....	1	.....	.....	.....	.....	2	.....	.....	.....	.....
	F.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
81	Other diseases of the spinal cord M.	11	.....	.....	1	1	.....	.....	.....	.....	4	5	.....	.....	.....
	F.	6	.....	.....	.....	.....	.....	.....	.....	1	1	2	2	.....	.....
82	Cerebral hæmorrhage, cerebral embolism and thrombosis M.	71	.....	2	1	6	4	.....	.....	1	12	29	16	.....	.....
	F.	62	.....	.....	.....	2	.....	.....	.....	2	13	20	25	.....	.....
	(a) Cerebral hæmorrhage M.	58	.....	2	.....	5	4	.....	.....	1	9	24	13	.....	.....
	F.	46	.....	.....	.....	2	.....	.....	.....	1	11	11	21	.....	.....
	(b) Cerebral embolism and thrombosis M.	8	.....	.....	1	1	.....	.....	.....	.....	2	2	2	.....	.....
	F.	6	.....	.....	.....	.....	.....	.....	.....	1	.....	3	2	.....	.....
	(c) Softening of the brain F.	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	(d) Hemiplegia and other paralysis, cause not specified M.	5	.....	.....	.....	.....	.....	.....	.....	.....	1	3	1	.....	.....
	F.	9	.....	.....	.....	.....	.....	.....	.....	.....	1	6	2	.....	.....
83	General paralysis of the insane M.	10	.....	.....	2	2	.....	.....	.....	1	3	1	.....	1	.....
	F.	2	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
84	Dementia præcox and other psychoses M.	11	.....	.....	3	3	2	.....	.....	2	1	.....	.....	.....	.....
	F.	8	.....	1	.....	.....	.....	.....	.....	3	2	.....	2	.....	.....
	(a) Dementia præcox M.	10	.....	.....	3	3	2	.....	.....	2	.....	.....	.....	.....	.....
	F.	6	.....	1	.....	.....	.....	.....	.....	3	2	.....	.....	.....	.....
	(b) Other psychoses M.	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F.	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
85	Epilepsy M.	7	3	1	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F.	5	.....	2	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
86	Convulsions (under 5 years of age) M.	10	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F.	8	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87	Other diseases of the nervous system M.	20	.....	1	.....	3	1	.....	.....	.....	5	8	2	.....	.....
	F.	14	.....	2	.....	1	.....	.....	.....	.....	2	1	6	.....	.....
	(a) Chorea M.	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F.	2	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	(b) Neuralgia and neuritis M.	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F.	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
	(c) Paralysis agitans M.	11	.....	.....	.....	3	.....	.....	.....	.....	1	6	1	.....	.....
	(d) Sclerosis (other than of the spinal cord) M.	6	.....	.....	.....	.....	1	.....	.....	.....	3	1	1	.....	.....
	F.	8	.....	.....	1	1	.....	.....	.....	1	1	1	3	.....	.....
	(e) Others under this title M.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F.	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
88	Diseases of the organs of vision M.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	F.	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
89	Diseases of the ear and mastoid process M.	7	.....	1	.....	.....	.....	.....	.....	.....	2	2	1	1	.....
	F.	6	.....	3	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....
	(a) Otitis M.	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
	F.	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
	(b) Diseases of the mastoid process M.	4	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....
	F.	3	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	Class VII—Diseases of the circulatory system Total	1,556	13	14	21	57	85	.....	.....	1	50	395	433	481	6
	M.	948	3	6	16	48	73	.....	.....	.....	23	263	301	209	6
	F.	608	10	8	5	9	12	.....	.....	1	27	132	132	272	.....
90-95	Diseases of the heart M.	620	2	5	13	37	41	.....	.....	.....	20	197	175	127	3
	F.	375	9	8	5	7	11	.....	.....	1	23	83	78	150	.....
90	Pericarditis M.	2	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
	F.	3	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
91	Acute endocarditis M.	11	.....	2	2	.....	1	.....	.....	.....	4	1	1	.....	.....
	F.	9	.....	.....	.....	.....	.....	.....	.....	.....	6	1	2	.....	.....
	(a) Endocarditis specified as acute M.	9	.....	2	1	.....	1	.....	.....	.....	3	1	1	.....	.....
	F.	9	.....	.....	.....	.....	.....	.....	.....	.....	6	1	2	.....	.....
	(b) Endocarditis unspecified (under 45 years of age) M.	2	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

CONDITION, NATIVITY AND MONTH OF DEATH, 1939.—Continued.

Nativity					Months												Int. list No.
Canada	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	77
1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	77b
148	53	16	70	1	41	28	19	20	31	26	22	21	18	27	18	17	
82	25	7	46	1	26	16	8	13	20	12	11	9	11	13	8	14	
66	28	9	24	....	15	12	11	7	11	14	11	12	7	14	10	3	
1	....	....	1	1	....	1	....	....	....	....	....	1	1	....	....	....	78
2	....	....	1	....	....	....	....	....	....	....	....	1	....	1	1	....
7	....	....	....	....	....	....	....	1	3	1	....	....	1	....	....	1	79
11	....	....	....	....	1	1	2	1	2	....	2	....	....	1	1	....
2	....	....	1	....	....	1	....	....	1	....	1	....	....	....	....	....	80
4	1	1	5	....	....	3	1	1	1	2	....	....	....	1	1	1	81
3	1	....	2	....	2	....	....	....	....	1	1	1	....	1	....	....
34	11	4	22	....	13	6	4	7	6	5	5	5	4	4	6	6	82
21	19	7	15	....	6	6	5	4	5	9	6	3	5	8	5	....
29	9	3	17	....	9	4	4	7	5	5	5	3	4	2	6	4	82a
18	11	7	10	....	4	6	4	2	4	6	5	1	3	6	5	....
3	2	1	2	....	2	1	....	1	....	....	2	....	....	1	....	1	82b
2	3	....	1	....	....	....	1	....	....	2	1	1	....	....	....	....
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	82c
2	....	....	3	....	2	1	....	....	....	....	....	....	....	1	....	1	82d
1	4	....	4	....	2	....	....	2	1	1	....	....	2	1	....	....
1	4	1	4	....	3	1	....	1	....	1	....	....	1	2	....	1	83
....	1	1	....	....	1	1	1	....	....	....	....	....	....	....	....	....
4	1	....	6	....	1	1	....	....	3	1	1	1	....	2	....	1	84
4	1	1	2	....	1	2	1	....	1	1	1	1	....	....	1	....
4	1	....	5	....	1	....	....	....	3	1	1	1	....	2	....	1	84a
3	1	1	1	....	1	2	....	....	1	1	....	1	....	....	....	....
....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	84b
1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....
5	1	....	1	....	2	....	1	....	....	....	....	1	1	1	1	....	85
4	1	....	....	....	1	1	....	....	....	1	....	2	....	....	....	....
10	....	....	....	....	....	....	1	1	2	1	....	....	1	2	....	2	86
8	....	....	....	....	1	....	....	2	1	1	....	1	....	1	....	1	
8	7	1	4	....	5	2	1	2	1	1	3	1	2	1	....	1	87
7	3	....	4	....	1	1	1	....	2	1	1	3	1	1	1	1	
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	87a
....	1	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....
2	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	87b
2	6	1	2	....	3	2	1	2	1	....	1	....	....	1	....	....	87c
4	1	....	1	....	....	....	....	....	....	1	2	....	2	....	....	1	87d
4	2	....	2	....	1	1	....	....	....	1	1	2	1	....	1	....
1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	87e
1	....	....	1	....	....	....	....	....	1	....	....	1	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	88
5	....	....	2	....	2	1	....	....	3	....	....	....	....	....	....	....	89
5	1	....	....	....	1	1	1	....	....	....	....	....	1	1	1	....
1	....	....	2	....	2	....	....	....	1	....	....	....	....	....	....	....	89a
2	1	....	....	....	....	....	1	....	....	....	....	....	1	1	....	....
4	....	....	....	....	....	1	....	....	2	....	....	....	....	....	....	1	89b
3	....	....	....	....	1	1	....	....	....	....	....	....	....	....	1	....
604	315	157	472	8	126	123	127	125	117	114	132	120	145	143	124	160	
358	211	98	274	7	72	75	75	80	65	72	80	75	95	89	79	91	
246	104	59	198	1	54	48	52	45	52	42	52	45	50	54	45	69	
226	149	61	179	5	46	46	48	57	38	47	52	47	69	68	50	52	90-95
163	60	37	114	1	32	33	32	28	35	28	33	30	28	32	26	38	
....	....	....	2	....	1	....	....	....	....	....	....	....	1	....	....	....	90
2	....	....	1	....	....	....	....	....	1	1	....	....	....	1	....	....
3	3	1	4	....	....	2	2	....	1	....	1	1	1	....	3	....	91
3	1	1	4	....	....	....	....	3	1	....	2	....	....	1	....	2	
2	2	1	4	....	....	2	2	....	1	....	....	1	1	....	2	....	91a
3	1	1	4	....	....	....	....	3	1	....	2	....	....	1	....	2	
1	1	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	91b

TABLE 92.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition										Widowed	Not stated
			Single					Married						
			Under 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		
92	Chronic endocarditis, M.	109	1	2	3	7	8	.....	.....	4	26	29	29	.....
	valvular diseases F.	101	7	5	3	3	2	.....	.....	2	26	19	34	.....
	(a) Endocarditis specified as chronic and other M.	103	1	2	3	5	7	.....	.....	4	24	28	29	.....
	valvular diseases F.	98	7	5	3	3	2	.....	.....	2	26	18	32	.....
	(b) Endocarditis, unspecified (45 years and M.	6	.....	.....	.....	2	1	.....	.....	.....	2	1	.....	.....
	over) F.	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....
93	Diseases of the myocardium M.	183	.....	1	1	12	17	.....	.....	4	34	58	53	3
	..... F.	115	.....	2	.....	.....	6	.....	.....	8	22	22	55	.....
	(a) Acute myocarditis M.	17	.....	1	.....	1	.....	.....	.....	.....	3	6	6	.....
	..... F.	13	.....	1	.....	.....	.....	.....	.....	1	2	1	8	.....
	(c) Chronic myocarditis and myocardial M.	146	.....	.....	1	11	15	.....	.....	4	24	47	42	2
	degeneration F.	90	.....	1	.....	.....	5	.....	.....	7	17	18	42	.....
	(d) Myocarditis, unspecified (45 years and M.	20	.....	.....	.....	.....	2	.....	.....	.....	7	5	5	1
	over) F.	12	.....	.....	.....	.....	1	.....	.....	.....	3	3	5	.....
94	Diseases of the coronary arteries and angina M.	272	.....	.....	6	15	13	.....	.....	6	121	72	39	.....
	pectoris F.	96	.....	.....	1	2	2	.....	1	3	28	20	39	.....
	(a) Diseases of the M.	11	.....	.....	1	1	.....	.....	.....	.....	6	3	.....	.....
	coronary arteries F.	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
	(b) Embolism and thrombosis of the coronary arteries M.	211	.....	.....	5	12	10	.....	.....	4	88	60	32	.....
	..... F.	85	.....	.....	1	2	2	.....	1	3	25	17	34	.....
	(c) Angina pectoris M.	50	.....	.....	.....	2	3	.....	.....	2	27	9	7	.....
	..... F.	9	.....	.....	.....	.....	.....	.....	.....	.....	3	2	4	.....
95	Other diseases of the heart M.	43	1	.....	1	2	2	.....	.....	1	15	15	6	.....
	..... F.	51	2	.....	1	2	1	.....	.....	4	5	14	22	.....
	(a) Functional diseases M.	9	.....	.....	.....	.....	.....	.....	.....	.....	4	3	2	.....
	of the heart F.	11	.....	.....	.....	.....	.....	.....	.....	1	1	4	5	.....
	(b) Other and unspecified M.	34	1	.....	1	2	2	.....	.....	1	11	12	4	.....
	..... F.	40	2	.....	1	2	1	.....	.....	3	4	10	17	.....
96	Aneurysm (except of the heart) M.	10	.....	.....	1	1	.....	.....	.....	.....	5	2	1	.....
	..... F.	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
97	Arteriosclerosis (of coronary arteries excepted) M.	216	.....	.....	1	8	24	.....	.....	1	35	84	61	2
	..... F.	139	.....	.....	.....	1	.....	.....	.....	.....	17	30	91	.....
98	Gangrene M.	10	.....	.....	.....	.....	.....	.....	.....	.....	5	3	2	.....
	..... F.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
99	Other diseases of the arteries M.	9	.....	.....	.....	.....	1	.....	.....	.....	6	2	.....	.....
	..... F.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
100	Diseases of the veins (varices, hæmorrhoids, phlebitis, etc.) M.	6	.....	.....	.....	.....	2	.....	.....	1	2	.....	1	.....
	..... F.	10	.....	.....	.....	.....	.....	.....	.....	1	3	3	3	.....
101	Diseases of the lymphatic system (lymphangitis, etc.) F.	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
102	Idiopathic abnormalities of blood pressure M.	75	.....	1	1	2	5	.....	.....	1	13	34	17	1
	..... F.	79	.....	.....	.....	1	1	.....	.....	3	28	20	26	.....
103	Other diseases of the circulatory system M.	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	Class VIII—Diseases of the respiratory system M.	491	209	13	11	11	12	.....	1	21	47	69	96	1
	..... F.	290	116	8	7	11	10	.....	.....	14	31	47	45	1
	..... F.	201	93	5	4	.....	2	.....	1	7	16	22	51	.....
104	Diseases of the nasal fossæ and annexa M.	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	..... F.	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
105	Diseases of the larynx M.	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	..... F.	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	(a) Croup F.	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	(b) Other diseases of the larynx M.	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
106	Bronchitis M.	16	2	.....	1	.....	.....	.....	.....	.....	1	5	7	.....
	..... F.	11	3	.....	.....	.....	.....	.....	.....	1	1	.....	6	.....
	(a) Acute M.	4	1	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....
	..... F.	5	3	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....
	(b) Chronic M.	12	1	.....	1	.....	.....	.....	.....	.....	1	3	6	.....
	..... F.	5	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4	.....
	(c) Unspecified F.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
107	Bronchopneumonia M.	110	70	2	3	1	3	.....	.....	4	6	12	9	.....
	..... F.	79	48	1	1	.....	.....	.....	.....	2	3	6	18	.....
	(a) Bronchopneumonia M.	110	70	2	3	1	3	.....	.....	4	6	12	9	.....
	..... F.	78	47	1	1	.....	.....	.....	.....	2	3	6	18	.....
	(b) Capillary bronchitis F.	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
108	Lobar pneumonia M.	76	15	4	2	5	2	.....	.....	9	7	16	15	1
	..... F.	52	16	4	2	.....	1	.....	1	3	5	6	14	.....

CONDITION, NATIVITY AND MONTH OF DEATH, 1939.—Continued.

Nativity					Months												Int. list No.
Canada	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
41	25	6	36	1	11	5	10	13	7	10	10	4	10	10	8	11	92
49	13	14	25	....	9	10	11	8	6	9	7	11	6	11	4	9	
39	24	6	33	1	9	5	10	13	7	9	9	4	10	9	8	10	92a
47	13	14	24	....	9	10	11	8	5	9	7	10	5	11	4	9	
2	1	....	3	....	2	....	....	....	....	1	1	....	....	1	....	1	92b
2	....	....	1	....	....	....	....	....	1	....	....	....	1	....	....	....
64	45	20	51	3	18	18	13	10	11	16	8	16	26	19	17	11	93
45	20	10	40	....	9	9	7	8	12	5	14	8	14	8	10	11	
7	6	1	3	....	2	2	1	....	1	1	1	1	2	3	2	1	93a
9	2	....	2	....	1	1	1	....	1	....	2	1	2	1	1	2	
53	35	16	40	2	16	15	9	9	9	13	7	14	18	13	15	8	93c
33	15	9	33	....	7	7	6	6	11	4	10	7	11	5	8	8	
4	4	3	8	1	....	1	3	1	1	2	....	1	6	3	....	2	93d
3	3	1	5	....	1	1	....	2	....	1	2	....	1	2	1	1	
102	71	30	68	1	14	17	21	30	18	19	25	20	29	32	19	28	94
39	19	9	29	....	9	12	7	7	12	8	6	6	6	8	7	8	
4	1	2	4	....	1	....	1	....	....	1	1	....	3	1	....	3	94a
....	....	1	1	....	....	....	....	....	....	....	....	1	....	....	....	1	
84	53	23	50	1	12	12	16	23	17	16	17	14	23	25	19	17	94b
36	16	8	25	....	6	12	7	7	10	8	5	5	5	8	6	6	
14	17	5	14	....	1	5	4	7	1	2	7	6	3	6	....	8	94c
3	3	....	3	....	3	....	....	....	2	....	1	....	1	....	1	1	
16	5	4	18	....	2	4	2	4	1	2	8	6	2	7	3	2	95
25	7	3	15	1	5	2	7	2	3	5	4	5	2	3	5	8	
2	2	1	4	....	....	1	1	....	1	....	3	1	....	2	....	....	95a
6	....	....	5	....	1	....	1	....	2	1	1	1	....	1	2	1	
14	3	3	14	....	2	3	1	4	....	2	5	5	2	5	3	2	95b
19	7	3	10	1	4	2	6	2	1	4	3	4	2	2	3	7	
3	3	....	4	....	....	....	3	2	1	1	1	....	....	....	1	1	96
....	2	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....
88	38	22	67	1	18	24	14	14	20	14	19	15	19	14	19	26	97
54	25	12	48	....	16	7	10	12	10	9	12	10	13	13	10	17	
2	3	....	5	....	1	....	1	....	1	2	....	1	....	1	1	2	98
....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
5	2	1	1	....	....	1	....	....	1	2	1	2	....	1	....	1	99
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
1	3	1	....	1	....	1	2	....	....	....	....	....	....	1	2	....	100
1	3	2	4	....	....	1	....	....	2	....	....	1	1	1	3	1	
....	
1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	101
31	13	13	18	....	7	3	7	7	4	6	7	9	6	4	6	9	102
27	13	8	31	....	5	6	10	4	5	5	7	4	7	7	6	13	
....	
2	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	103
331	43	21	95	1	47	46	53	52	36	29	37	24	30	30	57	50	
186	25	14	64	1	34	24	26	30	24	16	19	14	21	17	35	30	
145	18	7	31	....	13	22	27	22	12	13	18	10	9	13	22	20	
3	....	....	....	....	....	1	....	1	....	....	....	....	1	....	....	....	104
3	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....
2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	105
2	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....
2	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	105a
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
5	4	1	6	....	2	....	....	5	2	....	....	2	1	1	1	2	105b
9	....	....	2	....	1	2	5	1	....	....	....	....	....	1	1	....	106
1	1	1	1	....	....	....	....	3	....	....	....	....	1	....	....	....	106a
5	....	....	....	....	....	1	2	1	....	....	....	....	....	1	....	....
4	3	....	5	....	2	....	....	2	2	....	....	2	....	1	1	2	106b
3	....	....	2	....	1	1	2	....	....	....	....	....	....	....	1	....
1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	106c
92	3	3	12	....	14	11	16	8	8	5	4	6	10	7	13	8	107
59	5	2	13	....	7	6	10	11	7	5	5	3	1	7	10	7	
92	3	3	12	....	14	11	16	8	8	5	4	6	10	7	13	8	107a
58	5	2	13	....	6	6	10	11	7	5	5	3	1	7	10	7	
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	107b
43	9	5	19	....	10	4	5	8	5	7	5	3	4	5	10	10	
34	7	4	7	....	3	8	5	8	1	4	3	3	2	2	6	7	108

TABLE 92.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition										Widowed	Not stated
			Single					Married						
			Under 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		
109	Pneumonia, unspecified	M. 38	22		1		2			5	4	4		
	F.	25	19			1			1		3	1		
110	Pleurisy	M. 4	1	1					1		1			
	F.	2	1								1			
111	Congestion and hæmorrhagic infarct of the lung, etc.	M. 5				1				1	1	2		
	F.	12									2	10		
	(a) Pulmonary embolism and thrombosis	M. 1				1								
	(b) Others under this title	M. 4								1	1	2		
	F.	12									2	10		
112	Asthma	M. 28			3	2				10	6	7		
	F.	13		1						6	4	2		
113	Pulmonary emphysema	M. 2								1	1			
114	Other diseases of the respiratory system (tuberculosis excepted)	M. 6	2		1	1					1	1		
	F.	2	1							1				
	(a) Chronic interstitial pneumonia including occupational diseases of the respiratory system	M. 1										1		
	(b) Gangrene of the lung	M. 2	1								1			
	F.	1								1				
	(c) Others under this title	M. 3	1		1	1								
	F.	1	1											
	Class IX—Diseases of the digestive system	Total 532	171	27	11	19	7		2	50	113	67	64	1
	M.	342	106	17	8	16	5		1	29	80	43	36	1
	F.	190	65	10	3	3	2		1	21	33	24	28	
115	Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	M. 20	6	1		1			1	2	6	2	1	
	F.	19	7	3					1	3	2	2	1	
	(a) Diseases of the buccal cavity and annexa	M. 6				1					3	1	1	
	F.	4								1	1	1	1	
	(b) Diseases of the tonsils	M. 5	4						1	1				
	F.	6	2	2					1	1				
	(c) Others under this title	M. 9	2	1					1	1	3	1		
	F.	9	5	1					1	1	1	1		
116	Diseases of the œsophagus	M. 1										1		
	F.	1											1	
117	Ulcer of the stomach or duodenum	M. 68		2	3	4	1			12	24	13	8	1
	F.	4				1					1	1	1	
	(a) Ulcer of the stomach	M. 33			2	1				5	13	7	5	
	F.	2									1	1		
	(b) Ulcer of the duodenum	M. 35		2	1	3	1			7	11	6	3	1
	F.	2				1							1	
118	Other diseases of the stomach	M. 10	4								2	2	2	
	F.	5	3									1	1	
119	Diarrhœa and enteritis (under 2 years of age)	M. 54	54											
	F.	35	35											
120	Diarrhœa and enteritis (2 years and over)	M. 15	4			1				2	2	2	4	
	F.	12	3	2						3		2	2	
	(a) Diarrhœa and enteritis	M. 11	4			1					1	2	3	
	F.	11	3	2						2		2	2	
	(b) Ulceration of the intestines	M. 4								2	1		1	
	F.	1								1				
121	Appendicitis	M. 63	22	11	3	1	1			5	12	5	3	
	F.	31	14	4	1	1				4	5	1	1	
122	Hernia, intestinal obstruction	M. 55	12	1	1	5	2			3	11	8	12	
	F.	23	2		1		1			3	5	5	6	
	(a) Hernia	M. 25	5			1	1				4	6	8	
	F.	13	1			1				2	4	3	2	
	(b) Intestinal obstruction	M. 30	7	1	1	4	1			3	7	2	4	
	F.	10	1		1					1	1	2	4	
123	Other diseases of the intestines	M. 9	1	1		1					5	1		
	F.	3								1	1	1		
124	Cirrhosis of the liver	M. 14			1	1	1			1	5	3	2	
	F.	9				1	1			2	3	1	1	
	(b) Not specified as alcoholic	M. 14			1	1	1			1	5	3	2	
	F.	9				1	1			2	3	1	1	
125	Other diseases of the liver	M. 3		1						1	1			
	F.	4								1	1	1	1	
	(b) Others under this title	M. 3		1						1	1		1	
	F.	4								1	1		1	

CONDITION, NATIVITY AND MONTH OF DEATH, 1939.—Continued.

Canada	Nativity				Months												Int. list No.
	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
26	3	1	8	...	6	4	3	5	4	1	6	3	1	...	3	2	109
23	...	...	2	...	1	1	5	...	3	...	5	1	2	...	1	4	110
2	1	...	1	...	...	1	...	1	...	1	...	...	...	...	1	1	110
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	110
4	2	...	3	...	...	...	...	...	...	...	...	...	...	...	...	2	111
4	1	...	7	...	...	1	...	1	...	...	2	2	1	3	3	...	111
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	111a
4	2	...	2	...	...	...	...	...	...	...	...	...	...	3	...	1	111b
4	1	...	7	...	...	1	...	1	...	...	2	2	1	2	3	...	112
9	3	4	12	...	1	2	2	2	3	2	4	3	3	...	6	3	112
7	5	1	...	...	...	2	1	...	...	1	3	1	3	...	2	2	112
...	...	...	2	...	1	1	...	...	...	...	...	...	...	...	...	...	113
4	...	...	1	1	...	...	...	1	1	...	...	...	1	1	...	2	114
2	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	114
...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	114a
1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	114b
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	114b
3	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	114c
1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	114c
304	79	33	114	2	43	42	44	33	41	35	44	48	54	51	45	52	
193	52	23	72	2	25	30	27	21	27	27	24	30	37	32	27	35	
111	27	10	42	...	18	12	17	12	14	8	20	18	17	19	18	17	
10	2	1	7	...	3	2	1	3	3	2	...	...	1	1	3	1	115
13	2	...	4	...	2	1	1	2	1	1	2	1	2	1	3	2	115
1	1	...	4	...	2	...	1	1	...	1	...	...	...	1	...	...	115a
2	1	...	1	...	...	...	1	...	1	...	1	...	...	...	1	...	115a
5	...	...	...	...	...	...	...	2	2	...	...	...	...	...	1	...	115b
4	...	...	2	...	...	...	...	2	...	...	...	...	1	...	2	1	115b
4	1	1	3	...	1	2	...	...	1	1	...	...	1	...	2	1	115c
7	1	...	1	...	2	1	...	...	1	1	1	1	1	1	1	1	115c
...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	116
1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	116
16	19	10	22	1	3	5	1	4	7	5	7	8	8	6	7	7	117
1	2	...	1	...	2	...	...	1	1	...	...	...	...	...	...	...	117
6	11	4	12	...	2	...	...	1	2	4	2	4	7	2	4	5	117a
...	1	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	117a
10	8	6	10	1	1	5	1	3	5	1	5	4	1	4	3	2	117b
1	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	117b
8	1	...	1	...	2	2	...	1	1	1	...	...	...	1	1	1	118
3	2	...	...	...	1	1	...	...	...	...	...	...	...	1	1	3	118
53	...	1	...	...	2	7	3	2	5	5	3	6	10	5	2	4	119
35	...	...	...	...	4	...	1	1	3	1	3	5	7	5	4	1	119
9	1	2	3	...	1	1	3	2	2	1	1	1	2	2	2	2	120
8	1	...	3	...	1	1	1	1	1	1	1	1	1	1	3	1	120
7	1	1	2	...	1	1	2	1	1	2	1	...	2	...	1	...	120a
8	1	...	2	...	1	...	...	1	1	1	1	1	1	1	3	1	120a
2	...	1	1	...	...	...	1	1	...	1	...	1	...	1	1	...	120b
...	...	...	1	...	...	...	1	1	...	...	...	1	...	...	...	...	120b
47	5	...	10	1	6	4	5	6	5	2	7	4	4	8	4	8	121
23	1	2	5	...	...	3	2	2	3	2	1	5	2	5	2	4	121
26	14	2	13	...	2	6	7	1	3	5	4	7	7	4	3	6	122
11	4	...	8	...	...	3	3	1	3	1	5	1	3	1	2	...	122
10	9	1	5	...	2	1	3	1	3	2	3	3	2	1	1	3	122a
5	3	...	5	...	...	1	2	...	2	1	3	1	1	1	1	...	122a
16	5	1	8	...	...	5	4	...	...	3	1	4	5	3	2	3	122b
6	1	...	3	...	1	2	1	1	1	...	2	...	...	...	1	...	122b
5	1	...	3	...	1	...	...	1	...	1	...	...	...	1	1	2	123
1	1	1	...	...	1	...	...	...	...	1	1	...	...	1	1	2	123
5	1	2	6	...	1	1	2	...	2	1	1	1	1	1	2	2	124
3	1	...	5	...	1	1	1	1	...	1	1	1	1	1	1	1	124
5	1	2	6	...	1	1	2	...	2	1	...	1	1	1	2	2	124b
3	1	...	5	...	1	1	1	1	...	...	1	1	1	1	1	1	124b
3	...	...	...	...	1	1	1	1	...	...	1	1	1	1	1	1	125
2	2	...	...	...	1	1	1	...	...	...	1	...	...	1	1	...	125
3	...	...	...	...	1	1	1	...	...	...	...	1	...	1	1	...	125b
2	2	...	...	...	1	1	1	...	...	...	1	...	...	1	1	...	125b

TABLE 92.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition													
			Single					Married					Widowed	Not stated		
			Under 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				
126	Biliary calculi	M. 12 F. 21				2						2	6	3	1	
127	Other diseases of the gall-bladder and biliary passages	M. 13 F. 14	1									2	6	2	2	
128	Diseases of the pancreas	M. 1 F. 1												1		
129	Peritonitis, cause not specified	M. 4 F. 8	2	1	1							1	2	1		
	Class X—Diseases of the genito-urinary system	Total 360 M. 240 F. 120	9	7	5	18	19	1	2	21	77	99	102	66	36	
130	Acute nephritis (including unspecified, under 10 years of age)	M. 7 F. 9	2	1		1						2			1	
131	Chronic nephritis	M. 129 F. 73	2	3	3	9	9	1		4	29	35	34	27		
132	Nephritis, unspecified (10 years and over)	M. 18 F. 12					1				1	5	2	4		
133	Other diseases of the kidneys and ureters	M. 15 F. 9	1	1		2	1			1	1	4	1	4		
134	Calculi of the urinary passages	M. 5 F. 3									1	2			1	
135	Diseases of the bladder (tumours excepted)	M. 3 F. 2											3		1	
136	Diseases of the urethra, urinary abscess, etc.	F. 1													1	
	(b) Others under this title	F. 1													1	
137	Diseases of the prostate	M. 60				4	4					2	30	20		
138	Diseases of the male genital organs (not specified as venereal)	M. 3				1	2									
139	Diseases of the female genital organs (not specified as venereal)	F. 11								1	3	6		1		
	(a) Of the ovary, Fallopian tube and parametrium	F. 3									2	1				
	(b) Of the uterus	F. 7								1	1	4		1		
	(d) Others under this title	F. 1										1				
	Class XI—Diseases of pregnancy, childbirth and the puerperal state	Total 59		7	1					10	41					
140	Abortion with septic conditions	F. 5		1							4					
	(a) Abortion	F. 2									2					
	(b) Self-induced abortion	F. 3		1							2					
141	Abortion without mention of septic conditions (hæmorrhage included)	F. 2									2					
	(a) Abortion	F. 2									2					
142	Ectopic gestation	F. 4		1	1						2					
	(a) With septic conditions	F. 1			1											
	(b) Without mention of septic conditions	F. 3		1							2					
144	Puerperal hæmorrhage	F. 5								1	4					
	(a) Placenta prævia	F. 2								1	1					
	(b) Other hæmorrhages	F. 3									3					
145	Puerperal septicæmia (not specified as due to abortion)	F. 15		4						3	8					
	(a) Puerperal septicæmia and pyæmia	F. 15		4						3	8					
146	Puerperal albuminuria and eclampsia	F. 15		1						3	11					
148	Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	F. 9								3	6					
	(a) Phlegmasia alba dolens and thrombosis	F. 2									2					
	(b) Embolism	F. 5								2	3					
	(c) Sudden death	F. 2								1	1					

CONDITION, NATIVITY AND MONTH OF DEATH, 1939.—Continued.

Nativity					Months												Int. list No.
Canada	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
4	2	2	4	....	1	1	2	....	....	....	....	....	3	2	....	3	126
2	4	3	12	....	2	....	2	3	1	....	4	1	....	....	3	5	
5	3	3	2	....	3	....	2	....	....	2	1	1	....	2	1	1	127
2	7	2	3	....	2	1	2	....	....	2	1	....	....	5	1	....	128
....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	129
2	2	1	....	....	....	1	1	....	....	1	....	....	....	....	....	....
6	....	1	1	....	1	2	1	....	1	....	1	1	1	....	....	....
141	68	33	116	2	23	28	27	35	37	34	27	22	25	37	30	35	
89	48	22	79	2	13	18	19	20	25	26	17	15	15	22	24	26	
52	20	11	37	....	10	10	8	15	12	8	10	7	10	15	6	9	
3	1	....	3	....	....	....	....	1	....	....	1	3	....	....	1	1	130
6	....	1	2	....	....	1	3	....	....	....	3	....	1	1	....	....
51	23	17	38	....	5	11	11	12	14	15	7	5	8	14	13	14	131
29	15	6	23	....	8	7	4	10	7	5	6	6	2	9	4	5	
11	2	....	5	....	1	3	1	3	4	....	1	2	1	2	....	....	132
6	1	....	5	....	1	....	....	2	2	....	....	5	2	....	....	....
7	3	....	5	....	2	1	....	....	1	1	2	2	1	2	3	....	133
5	1	2	1	....	....	....	....	1	1	1	1	....	1	1	1	2	
....	2	....	3	....	....	....	....	....	....	1	....	....	....	....	2	2	134
1	1	....	1	....	....	....	....	2	....	....	....	....	....	....	1	....
....	1	1	1	....	....	....	....	1	....	....	....	....	1	1	....	....	135
....	1	....	1	....	....	....	....	....	1	....	....	....	....	1	....	....
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	136
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	136b
15	16	4	23	2	5	3	7	3	6	9	6	3	4	3	4	7	137
2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	2	138
4	1	2	4	....	....	2	1	....	1	2	....	1	1	1	....	2	139
2	....	....	1	....	....	1	....	....	1	1	....	....	....	....	....	....	139a
2	1	2	2	....	....	1	....	....	....	1	....	1	1	1	....	2	139b
....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	139d
36	2	7	13	1	11	3	5	7	5	4	5	1	3	7	4	4	
3	....	1	1	....	....	....	....	1	1	2	....	....	....	....	....	1	140
2	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	140a
1	....	1	1	....	....	....	....	1	....	1	....	....	....	....	....	1	140b
....	....	....	2	....	1	....	....	....	....	1	....	....	....	....	....	....	141
....	....	....	2	....	1	....	....	....	....	1	....	....	....	....	....	....	141a
3	....	....	1	....	....	....	....	1	....	1	....	....	1	1	....	....	142
1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	142a
2	....	....	1	....	....	....	....	1	....	1	....	....	1	....	....	....	142b
2	....	....	3	....	1	....	1	....	1	....	....	....	....	2	....	....	144
1	....	....	1	....	....	....	1	....	....	....	....	....	....	1	....	....	144a
1	....	....	2	....	1	....	....	....	1	....	....	....	....	1	....	....	144b
10	1	2	2	....	3	1	1	3	1	....	2	1	1	1	1	....	145
10	1	2	2	....	3	1	1	3	1	....	2	1	1	1	1	....	145a
11	1	1	2	....	2	2	2	....	1	....	1	....	....	3	2	2	146
6	....	1	1	1	3	....	....	1	1	....	2	....	....	....	1	1	148
1	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	148a
4	....	....	....	1	2	....	....	1	....	....	1	....	....	....	1	....	148b
1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	148c

TABLE 92.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition										Widowed	Not stated	
			Single					Married							
			Under 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			
Class XVI—Senility	Total	89					2						34	51	2
	M.	44					2						25	15	2
	F.	45											9	36	
162	Senility	M.	44				2						25	15	2
	F.	45											9	36	
	(a) With senile dementia (70 years and over)	M.	4										4		
	F.	4											2	2	
	(b) Without senile dementia (70 years and over)	M.	39				2						21	14	2
	F.	41											7	34	
	(c) Premature senility (55 years but under 70 years)	M.	1											1	
Class XVII—Violent or accidental deaths	Total	441	64	65	43	23	8		5	52	85	36	58	2	
	M.	343	43	49	40	21	8		3	43	73	29	32	2	
	F.	98	21	16	3	2			2	9	12	7	26		
163-171	Suicides	M.	73	6	12	6	2			13	21	4	8	1	
	F.	17		3	2					4	6	1	1		
163	Suicide by solid or liquid poisons or by absorption of corrosive substances	M.	12		1					3	6		1	1	
	F.	10		2	1					3	2		1		
164	Suicide by poisonous gas	M.	3		1					2					
	F.	1									1				
165	Suicide by hanging or strangulation	M.	19	1	4	2				4	2	2	4		
	F.	1									1				
166	Suicide by drowning	M.	2								1		1		
	F.	3								1	2				
167	Suicide by firearms	M.	29	5	5	4	1			3	9	1	1		
	F.	1		1											
168	Suicide by cutting or piercing instruments	M.	4		1						1	1	1		
169	Suicide by jumping from high places	M.	3				1				2				
170	Suicide by crushing	M.	1							1					
171	Suicide by other means	F.	1		1										
173-175	Homicides	M.	11	2	1	1				1	1	2	3		
	F.	5	1	1						1		1	1		
173	Homicide by firearms	M.	4		1	1					1	1			
	F.	3		1						1		1			
175	Homicide by other means	M.	7	2						1		1	3		
	F.	2	1										1		
176-198	Other violent deaths	M.	259	41	42	27	15	6	3	29	51	23	21	1	
	F.	76	20	12	1	2			2	4	6	5	24		
177	Food poisoning	M.	1	1											
	F.	1								1					
178	Accidental absorption of toxic gases	M.	5		1	1	1				1		1		
179	Other acute accidental poisonings (except by gas)	M.	2			1					1				
	F.	3	2										1		
180	Conflagration	M.	3		1						1		1		
	F.	4	2						1				1		
181	Accidental burns (conflagration excepted)	M.	8	3	1					2	1	1			
	F.	12	5	2						2	1		2		
182	Accidental mechanical suffocation	M.	10	7							2		1		
	F.	7	6	1											
183	Accidental drowning	M.	39	13	15	6			1	3	1				
	F.	6	1	4							1				
184	Accidental injury by firearms	M.	14	2	4	2				1	2	2	1		
	F.	1	1												
185	Accidental injury by cutting or piercing instruments	M.	9		3	2	1			1	1	1			
186	Accidental injury by fall, crushing or landslide	M.	127	11	15	12	7	3	1	17	34	16	10	1	
	F.	36	2	5	1	2			1	1	3	3	18		
188	Injuries by animals	M.	7		1			1			2		1		
	F.	2	1							2	2		1		
189	Hunger or thirst	M.	3			3									
190	Excessive cold	M.	7	1	1	1					1		2		
	F.	1									1				
191	Excessive heat	M.	2			1						1			
192	Lightning	M.	1	1											
193	Accidents due to electric currents	M.	2							1	1				

TABLE 92.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition										Widowed	Not stated		
			Single					Married								
			Under 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				
194	Other accidents	M.	15	2	1	1	1	.....	.....	.....	1	1	3	2	3	.....
		F.	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....
	(a) Foreign body	M.	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	(b) Others under this title	M.	14	1	1	1	1	.....	.....	.....	1	1	3	2	3	.....
		F.	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....
195	Violent deaths of which the nature (accident, suicide, homicide) is unknown	M.	3	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....
198	Capital punishment	M.	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Class XVIII— Total		14	6	.....	1	.....	.....	.....	.....	.....	4	1	2	.....
	Ill-defined causes of death	M.	10	3	.....	1	.....	.....	.....	.....	.....	4	1	1	.....
		F.	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
199	Sudden death	M.	4	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
200	Cause of death not specified or ill-defined	F.	6	2	.....	1	.....	.....	.....	.....	.....	.....	3	.....	.....
		F.	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....

TABLE 92A.—SPECIAL CLASSES OF ACCIDENTAL DEATHS (INCLUDED

A	Accidents in mines and quarries	M.	6	.....	1	.....	1	.....	.....	.....	2	2	.....	.....	.....
B	Accidents caused by machines	M.	25	1	3	3	2	.....	.....	6	5	5	.....	.....	.....
C	Railway accidents	M.	13	1	2	.....	1	.....	.....	2	4	.....	2	1	.....
		F.	3	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....
E	Automobile and motorcycle accidents	M.	53	3	10	8	4	1	.....	1	7	17	1	1	.....
		F.	12	1	6	.....	.....	.....	.....	1	1	1	1	2	.....
F	Other land transportation	M.	26	6	1	3	.....	1	.....	2	6	5	2	2	.....
		F.	3	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....
G	Water transportation	M.	8	.....	1	3	.....	.....	.....	1	2	1	.....	.....

CONDITION, NATIVITY AND MONTH OF DEATH, 1939.—Continued.

Nativity					Months												Int. list No.
Canada	British	United States	Other	Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
11	1	....	3	....	1	1	....	1	....	1	....	....	5	3	2	1	194
1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	194a
1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	194b
10	1	....	3	....	1	1	....	1	....	....	....	....	5	3	2	1	....
1	1	1	....	....	....	....	....	....	2	....	....	....	....	....	1	....	....
2	....	....	1	....	....	....	....	....	....	....	1	....	1	....	1	....	195
1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	198
9	2	2	1	....	....	1	2	1	2	....	1	2	....	1	4	....	....
6	2	2	....	....	....	1	1	1	2	....	1	1	....	1	3	....	....
3	....	....	1	....	....	1	1	....	....	....	....	1	....	....	1	....	....
3	....	1	....	....	....	....	1	1	1	....	....	1	....	....	1	....	199
3	2	1	....	....	....	....	1	1	1	....	1	....	....	1	2	....	200
3	....	....	1	....	....	1	1	....	....	....	....	1	....	....	1	....	....

ALSO UNDER THE NUMBERS OF THE INTERNATIONAL LIST ABOVE), 1939.

1	1	1	3	....	1	....	....	....	....	1	1	1	....	1	....	1	A
13	4	1	7	....	....	....	3	2	1	1	2	3	9	1	1	2	B
6	2	1	3	1	....	1	....	....	....	2	3	....	4	3	....	....	C
2	1	....	....	....	....	....	....	....	....	1	....	....	2	....	....	....	....
33	7	10	3	....	....	1	....	2	2	3	5	9	5	6	11	9	E
10	1	1	....	....	....	1	....	1	....	2	1	1	1	1	2	2	....
14	3	1	8	....	1	1	3	1	3	1	5	2	5	2	....	....	F
1	....	....	2	....	....	....	....	....	....	2	1	....	....	....	....	....	....
4	3	....	1	....	....	....	....	....	2	1	1	4	....	....	....	....	G

TABLE 94.—TOTAL DEATHS FROM ALL

List No.	Diseases	1930		1931		1932	
		No.	Rate	No.	Rate	No.	Rate
1-2	Typhoid and paratyphoid fever	29	3.3	25	2.7	24	2.6
5	Undulant fever	.....	.....	.....	.....	.....	.....
6	Smallpox	.....	.....	.....	.....	1	0.1
7	Measles	8	0.9	17	1.8	17	1.8
8	Scarlet fever	10	1.1	15	1.6	6	0.6
9	Whooping cough	54	6.1	54	6.6	40	4.3
10	Diphtheria	69	7.8	39	4.2	40	4.3
11	Influenza	158	17.9	251	27.2	261	28.0
13	Dysentery	28	3.1	19	2.1	21	2.2
15	Erysipelas	18	2.0	17	1.8	15	1.6
16	Poliomyelitis and polioencephalitis (acute)	31	2.4	11	1.2	6	0.6
17	Epidemic or lethargic encephalitis	5	0.6	5	0.5	10	1.1
18	Epidemic cerebrospinal meningitis	25	2.4	13	1.4	12	1.3
19	Glanders	.....	.....	.....	.....	2	0.2
22	Tetanus	3	0.3	.....	.....	2	0.2
23-32	Tuberculosis	407	46.1	326	35.4	281	30.1
33	Leprosy	.....	.....	.....	.....	.....	.....
34	Syphilis	17	1.9	12	1.3	17	1.8
35	Gonococcus and other venereal diseases	.....	.....	.....	.....	1	0.1
36	Purulent infection septicæmia (non-puerperal)	19	2.2	8	0.9	19	2.0
39	Other diseases due to protozoal parasites	.....	.....	.....	.....	.....	.....
41	Hyatid cysts	.....	.....	.....	.....	.....	.....
42	Other diseases caused by helminths	.....	.....	.....	.....	.....	.....
43	Mycoses	3	0.3	3	0.3	2	0.2
44	Other infectious diseases	3	0.3	5	0.5	6	0.6
45-53	Cancer	480	54.4	585	63.5	568	60.9
54-55	Non-malignant tumours, nature not specified	19	2.2	31	3.4	33	3.5
56	Acute rheumatic fever	26	2.9	32	3.5	20	2.1
57	Chronic rheumatism, osteoarthritis	3	0.3	10	1.1	17	1.8
59	Diabetes mellitus	67	7.6	85	9.2	94	10.4
60	Scurvy	.....	.....	.....	.....	1	0.1
16	Beriberi	.....	.....	.....	.....	.....	.....
62	Pellagra	.....	.....	2	0.2	.....	.....
63	Rickets	12	1.4	8	0.9	6	0.6
64	Osteomalacia	.....	.....	1	0.1	.....	.....
65	Diseases of the pituitary glands	1	0.1	1	0.1	1	0.1
66	Diseases of the thyroid and parathyroid glands	17	1.9	19	2.1	25	2.7
67	Diseases of the thymus	7	0.8	5	0.5	10	1.1
68	Diseases of the adrenals (Addison's disease)	3	0.3	2	0.2	2	0.2
69	Other general diseases	13	1.5	4	0.4	8	0.9
70	Hæmorrhagic diatheses	.....	.....	7	0.8	2	0.2
71	Anæmia	32	3.6	31	3.4	32	3.4
72	Leukæmia and aleukæmia (Hodgkin's diseases)	25	2.8	17	1.8	26	2.8
73	Diseases of the spleen	.....	.....	5	0.5	.....	.....
74	Other diseases of the blood and hæmatopoietic organs	.....	.....	.....	.....	.....	.....
75	Alcoholism	15	1.7	8	0.9	3	0.3
76	Chronic poisoning by other organic substances	.....	.....	1	0.1	.....	.....
77	Chronic poisoning by mineral substances	1	0.1	.....	.....	.....	.....
78	Encephalitis (non-epidemic)	11	1.2	3	0.3	6	0.6
79	Simple meningitis	15	1.7	15	1.6	14	1.5
80	Progressive locomotor ataxia	2	0.2	3	0.3	2	0.2
81	Other diseases of the spinal cord	16	1.8	13	1.4	13	1.4
82	Cerebral hæmorrhage, embolism or thrombosis	157	17.8	142	15.4	157	16.8
83	General paralysis of the insane	3	0.3	8	0.9	7	0.8
84	Dementia præcox and other psychoses	30	3.4	26	2.8	27	2.9
85	Epilepsy	23	2.6	33	3.6	24	2.6
86	Convulsions (under 5 years)	52	5.9	48	5.2	44	4.7
87	Other diseases of the nervous system	30	3.4	24	2.6	25	2.7
88	Diseases of the organs of vision	1	0.1	1	0.1	1	0.1
89	Diseases of the ear and mastoid process	20	2.3	12	1.3	25	2.7
90-95	Diseases of the heart	651	73.8	656	80.3	718	77.0
96, 97-	.....	.....	.....	.....	.....	.....	.....
99-102	Diseases of the arteries	259	.....	246	.....	242	.....
98	Gangrene	8	.....	12	.....	5	.....
100	Diseases of the veins	3	0.3	5	0.5	4	0.4
101	Diseases of the lymphatic system	1	0.1	2	0.2	2	0.2
103	Other diseases of the circulatory system	2	0.2	4	0.4	3	0.3
104	Diseases of the nasal fossæ and annexa	6	0.7	6	0.7	4	0.4
105	Diseases of the larynx	9	1.0	4	0.4	9	1.0
106	Bronchitis	32	3.6	44	4.8	45	4.9
107	Bronchopneumonia	179	20.4	238	25.8	170	18.2
108	Lobar pneumonia	.....	.....	166	18.0	142	15.2
109	Pneumonia not specified	264	29.9	94	10.2	68	7.3
100	Pleurisy	19	2.2	16	1.7	21	2.2
111	Congestion and hæmorrhagic infarct of the lung, etc.	9	1.0	17	1.8	13	1.4
112	Asthma	17	1.9	14	1.5	16	1.7
113	Pulmonary emphysema	.....	.....	4	0.4	2	0.2
114	Other diseases of the respiratory system	15	1.7	11	1.2	8	0.9
115	Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	26	2.9	40	4.3	26	2.8
116	Diseases of the œsophagus	1	0.1	.....	.....	.....	.....
117	Ulcer of the stomach or duodenum	34	3.8	45	4.9	51	5.5

CAUSES AND RATES PER 100,000, 1930-1939.

1933		1934		1935		1936		1937		1938		1939		List No.
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
19	2.0	24	2.6	14	1.5	23	2.5	36	3.8	8	0.9	10	1.1	1-2
1	0.1	2	0.2	3	0.3	1	0.1	1	0.1	2	0.2	6	0.6	5
5	0.5	16	1.7	34	3.7	39	4.2	252	26.8	19	2.0	6	0.6	6
12	1.3	5	0.5	10	1.1	16	1.7	16	1.7	12	1.3	12	1.3	7
34	3.6	68	7.3	90	9.7	50	5.4	47	5.0	18	1.9	48	5.1	8
18	1.9	22	2.4	16	1.7	11	1.2	10	1.1	28	3.0	36	3.8	9
318	34.1	145	15.6	168	18.0	282	30.3	404	43.0	154	16.4	199	21.0	10
12	1.3	13	1.4	10	1.1	36	3.9	27	2.9	11	1.2	6	0.6	11
9	1.0	19	2.0	15	1.6	34	3.7	13	1.4	6	0.6	4	0.4	12
8	0.9	10	1.1	5	0.5	9	1.0	22	2.3	7	0.7	1	0.1	13
4	0.4	4	0.4	6	0.6	11	1.2	7	0.7	5	0.5	7	0.7	14
7	0.8	10	1.1	10	1.1	12	1.3	6	0.6	3	0.3	3	0.3	15
1	0.1	1	0.1	2	0.2	2	0.2	4	0.4	3	0.3	1	0.1	16
297	31.9	293	31.4	272	29.2	279	30.0	303	32.3	271	28.8	233	24.6	17
10	1.1	18	1.9	17	1.8	29	3.1	34	3.6	22	2.3	22	2.3	18
1	0.1	1	0.1	1	0.1	1	0.1	1	0.1	2	0.2	1	0.1	19
14	1.5	13	1.4	10	1.1	15	1.6	14	1.5	11	1.2	8	0.8	20
2	0.2	1	0.1	1	0.1	1	0.1	1	0.1	1	0.1	1	0.1	21
1	0.1	2	0.2	2	0.2	4	0.4	2	0.2	3	0.3	2	0.2	22
3	0.3	2	0.2	8	0.9	5	0.5	4	0.4	8	0.9	2	0.2	23
593	63.6	636	68.2	631	67.8	710	76.3	689	73.4	641	68.1	749	78.9	24
38	4.1	39	4.2	44	4.7	54	5.8	68	7.2	47	5.0	41	4.3	25
26	2.8	16	1.7	13	1.4	32	3.4	30	3.2	34	3.6	27	2.8	26
7	0.8	14	1.5	16	1.7	8	0.9	8	0.9	9	1.0	5	0.5	27
81	8.7	75	8.0	84	9.0	91	9.8	81	8.6	84	8.9	98	10.3	28
6	0.6	2	0.2	4	0.4	10	1.1	7	0.7	8	0.9	5	0.5	29
1	0.1	2	0.2	2	0.2	1	0.1	1	0.1	1	0.1	1	0.1	30
2	0.2	2	0.2	2	0.2	1	0.1	1	0.1	1	0.1	1	0.1	31
22	2.4	26	2.8	23	2.5	33	3.5	31	3.3	19	2.0	31	3.3	32
8	0.9	8	0.9	14	1.5	12	1.3	8	0.9	7	0.7	5	0.5	33
2	0.2	5	0.5	3	0.3	1	0.1	2	0.2	1	0.1	3	0.3	34
10	1.1	10	1.1	9	1.0	10	1.1	13	1.4	7	0.7	7	0.7	35
6	0.6	5	0.5	4	0.4	7	0.8	6	0.6	5	0.5	3	0.3	36
32	3.4	26	2.8	33	3.5	40	4.3	32	3.4	33	3.5	34	3.6	37
22	2.4	29	3.1	35	3.7	32	3.4	24	2.6	38	4.0	26	2.7	38
1	0.1	1	0.1	3	0.3	2	0.2	1	0.1	5	0.5	1	0.1	39
1	0.1	1	0.1	1	0.1	1	0.1	3	0.3	2	0.2	1	0.1	40
3	0.3	7	0.8	3	0.3	2	0.2	7	0.7	10	1.1	3	0.3	41
16	1.7	12	1.3	10	1.1	14	1.5	15	1.6	8	0.9	6	0.6	42
11	1.2	20	2.1	14	1.5	20	2.1	13	1.4	13	1.4	18	1.9	43
2	0.2	4	0.4	1	0.1	1	0.1	1	0.1	1	0.1	4	0.4	44
23	2.5	17	1.8	13	1.4	11	1.2	22	2.3	13	1.4	17	1.8	45
170	18.2	157	16.8	136	14.6	103	11.1	91	9.7	114	12.1	133	14.0	46
6	0.6	16	1.7	8	0.9	9	1.0	11	1.2	14	1.5	12	1.3	47
39	4.2	52	5.6	43	4.6	26	2.8	29	3.1	23	2.4	19	2.0	48
29	3.1	30	3.2	24	2.6	19	2.0	11	1.2	24	2.6	12	1.3	49
40	4.3	36	3.9	38	4.1	21	2.3	19	2.0	14	1.5	18	1.9	50
26	2.8	27	2.9	25	2.7	36	3.9	37	3.9	25	2.7	34	3.6	51
1	0.1	1	0.1	1	0.1	2	0.2	2	0.2	1	0.1	2	0.2	52
12	1.3	22	2.4	23	2.5	20	2.1	28	3.0	16	1.7	13	1.4	53
771	82.7	815	87.4	859	92.3	877	94.2	879	93.6	991	105.3	995	104.8	54
259	27.8	290	31.1	326	35.0	386	41.5	438	46.6	507	53.9	531	56.0	55
12	1.3	4	0.4	4	0.4	11	1.2	15	1.6	13	1.4	11	1.2	56
3	0.3	8	0.9	2	0.2	9	1.0	12	1.3	13	1.4	16	1.7	57
3	0.3	9	1.0	3	0.3	3	0.3	4	0.4	2	0.2	1	0.1	58
1	0.1	3	0.3	1	0.1	2	0.2	1	0.1	1	0.1	2	0.2	59
6	0.6	6	0.6	6	0.6	9	1.0	9	1.0	9	1.0	6	0.6	60
8	0.9	10	1.1	4	0.4	11	1.2	7	0.7	5	0.5	4	0.4	61
31	3.3	27	2.9	24	2.6	33	3.5	30	3.2	31	3.3	27	2.8	62
209	22.4	157	16.8	204	21.9	177	19.0	259	27.6	160	17.0	189	19.9	63
127	13.6	172	18.5	217	23.3	188	20.2	217	23.1	205	21.8	128	13.5	64
72	7.7	63	6.8	110	11.8	75	8.1	91	9.7	64	6.8	63	6.6	65
12	1.3	13	1.4	16	1.7	15	1.6	9	1.0	8	0.9	6	0.6	66
16	1.7	17	1.8	18	1.9	17	1.8	13	1.4	15	1.6	17	1.8	67
30	3.2	49	5.3	22	2.4	33	3.5	37	3.9	31	3.3	41	4.3	68
13	1.4	5	0.5	15	1.6	10	1.1	12	1.3	11	1.2	8	0.8	69
39	4.2	29	3.1	30	3.2	47	5.0	46	4.9	38	4.0	39	4.1	70
2	0.2	1	0.1	1	0.1	1	0.1	2	0.2	2	0.2	2	0.2	71
53	5.7	41	4.4	65	7.0	48	5.2	62	6.6	66	7.0	72	7.5	72

TABLE 94.—TOTAL DEATHS FROM ALL

List No.	Diseases	1930		1931		1932	
		No.	Rate	No.	Rate	No.	Rate
118	Other diseases of the stomach	43	4.9	31	3.4	41	4.4
119	*Diarrhœa and enteritis (under 2 years of age)	352	39.9	197	21.4	191	20.5
120	Diarrhœa and enteritis and ulceration of the intestines (2 years and over)			35	3.8	38	4.1
121	Appendicitis	159	18.0	131	14.2	145	15.5
122	Hernia, intestinal obstruction	75	8.1	78	8.5	82	8.8
123	Other diseases of the intestines	10	1.2	3	0.3	13	1.4
124	Cirrhosis of the liver	16	1.8	18	2.0	12	1.3
125	Other diseases of the liver	35	4.0	6	0.7	13	1.4
126	Biliary calculi	12	1.4	19	2.1	23	2.5
127	Other diseases of the gall-bladder and biliary passages			35	3.8	35	3.8
128	Diseases of the pancreas	4	0.4			3	0.3
129	Peritonitis (cause not specified)	9	1.0	11	1.2	12	1.3
130	Acute nephritis	24	2.7	15	1.6	10	1.1
131	Chronic nephritis	253	28.7	207	22.4	228	24.4
132	Nephritis, not specified			22	2.4	30	3.2
133	Other diseases of the kidneys and annexa	12	1.3	23	2.5	20	2.1
134	Calculi of urinary passages	6	0.6	6	0.7	3	0.3
135	Diseases of the bladder (excluding tumours)	3	0.3	3	0.3	8	0.9
136	Diseases of the urethra, urinary abscess, etc.	3	0.3	2	0.2	2	0.2
137	Diseases of the prostate	38	4.3	44	4.8	60	6.4
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)	10	1.1	14	1.5	7	0.8
140-150	Pregnancy, labour and the puerperal state	112	12.7	93	10.1	102	10.9
151	Carbuncle	1	0.1	3	0.3	3	0.3
152	Cellulitis, acute abscess	8	0.9	6	0.7	5	0.5
153	Other diseases of the skin and annexa and of the cellular tissue	8	0.9	3	0.3	7	0.8
154-156	Diseases of the bones and organs of locomotion	17	1.9	21	2.3	17	1.8
157	Congenital malformations	135	15.3	120	13.0	112	12.0
158	Congenital debility	152	17.2	98	10.6	104	11.1
159	Premature birth	497	56.5	376	40.8	382	40.9
160	Injury at birth			72	7.8	71	7.6
161	Other diseases peculiar to infancy	88	10.0	101	11.0	101	10.8
162	Senility	124	14.0	136	14.8	150	16.1
163-171	Suicides	127	14.4	76	8.2	74	7.9
173-175	Homicides	14	1.6	12	1.3	1	0.8
176	Attacks by venomous animals						
177	Food poisoning	2	0.2	1	0.1	4	0.4
178	Accidental absorption of toxic gases	9	1.0	9	9.8	7	0.8
179	Other acute accidental poisonings (except by gas)	11	1.2	14	1.5	10	1.1
180	Results of conflagration	18	2.0	12	1.3	8	0.9
181	Accidental burns (conflagration excepted)	28	3.2	22	2.4	23	2.5
182	Accidental mechanical suffocation	8	0.9	20	2.2	14	1.5
183	Accidental drownings	57	6.5	62	6.7	52	5.6
184	Accidental injury by firearms	17	1.9	18	2.0	17	1.8
185	Accidental injury by cutting or piercing instruments			6	0.7	11	1.2
186	Accidental injuries from falling, crushing, landslide	168		139	15.1	123	13.2
187	Cataclysm			1	0.1		
188	Injuries inflicted by animals	20	2.3	28	3.0	19	2.0
189	Hunger and thirst	4	0.4	1	0.1	5	0.5
190	Excessive cold	9	1.0	5	0.5	7	0.8
191	Excessive heat	4	0.4	11	1.2	5	0.5
192	Lightning	4	0.4	1	0.1	2	0.2
193	Accidental electric shocks	8	0.9			4	0.4
194	Other accidents	27	3.1	11	1.2	11	1.2
195	Violent deaths—nature unknown					3	0.3
198	Capital punishment			1	0.1	1	0.1
199	Sudden death			25	2.7	27	2.9
200	Causes of death not specified or ill-defined	37	4.2	35	3.8	42	4.5
*SPECIAL CLASSES OF ACCIDENTAL DEATHS							
A	Accidents in mines and quarries					3	0.3
B	Accidents caused by machines			15	1.6	21	2.2
C	Railway accidents			21	2.3	23	2.5
D	Street car accidents			2	0.2		
E	Automobile and motorcycle accidents			50	5.4	35	3.8
F	Other land transportation			24	2.6	41	4.4
G	Water transportation			2	0.2	13	1.4
H	Air transportation			2	0.2	1	0.1

*Not separately tabulated previous to 1931.

CAUSES AND RATES PER 100,000, 1930-1939—Continued.

1933		1934		1935		1936		1937		1938		1939		List No.
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
40	4.3	19	2.0	22	2.4	26	2.8	23	2.4	21	2.2	15	1.6	118
105	11.3	99	10.6	82	8.8	123	13.2	156	16.6	129	13.7	89	9.4	119
29	3.1	30	3.2	25	2.7	32	3.4	47	5.0	42	4.5	27	2.8	120
167	17.9	157	17.1	162	17.4	161	17.3	147	15.7	113	12.0	94	9.9	121
72	7.7	82	8.8	87	9.3	77	8.3	90	9.6	87	9.2	78	8.2	122
8	0.9	7	0.8	14	1.5	5	0.5	8	0.9	7	0.7	12	1.3	123
13	1.4	6	0.6	22	2.4	22	2.4	19	2.0	22	2.3	23	2.4	124
8	0.9	2	0.2	8	0.9	6	0.6	4	0.4	10	1.1	7	0.7	125
25	2.7	30	3.2	30	3.2	38	4.1	37	3.9	41	4.4	33	3.5	126
28	3.0	26	2.8	43	4.6	31	3.3	39	4.2	35	3.7	27	2.8	127
5	0.5	7	0.8	4	0.4	5	0.5	2	0.2	2	0.2	2	0.2	128
10	1.1	17	1.8	8	0.9	6	0.6	7	0.7	12	1.3	12	1.3	129
20	2.1	19	2.0	19	2.0	19	2.0	18	1.9	15	1.6	16	1.7	130
214	23.0	230	24.7	224	24.1	202	21.7	226	24.1	224	23.8	202	21.3	131
23	2.5	28	3.0	25	2.7	25	2.7	24	2.6	30	3.2	30	3.2	132
16	1.7	19	2.0	19	2.0	14	1.5	24	2.6	24	2.6	24	2.5	133
5	0.5	7	0.8	2	0.2	12	1.3	15	1.6	9	1.0	8	0.8	134
5	0.5	6	0.6	6	0.6	11	1.2	5	0.5	11	1.2	5	0.5	135
2	0.2	3	0.3	1	0.1	2	0.2	...	...	3	0.3	1	0.1	136
48	5.2	57	6.1	73	7.8	67	7.2	82	8.7	81	8.6	60	6.3	137
2	0.2	2	0.2	4	0.4	3	0.3	3	0.3	2	0.2	3	0.3	138
12	1.3	9	1.0	13	1.4	16	1.7	13	1.4	12	1.3	11	1.2	139
92	9.9	86	9.2	80	8.6	86	9.2	86	9.2	46	4.9	59	6.2	140-150
4	0.4	2	0.2	2	0.2	2	0.2	3	0.3	3	0.3	1	0.1	151
8	0.9	9	1.0	10	1.1	8	0.9	16	1.7	13	1.4	5	0.5	152
4	0.4	12	1.3	5	0.5	5	0.5	5	0.5	8	0.9	8	0.8	153
15	1.6	13	1.4	10	1.1	12	1.3	25	2.7	19	2.0	20	2.1	154-156
103	11.1	95	10.2	104	11.2	89	9.6	114	12.1	89	9.5	110	11.6	157
96	10.3	88	9.4	83	8.9	53	5.7	63	6.7	44	4.7	48	5.1	158
314	33.7	286	30.7	288	30.9	275	29.5	270	28.8	248	26.4	252	26.6	159
72	7.7	76	8.2	71	7.6	48	5.2	59	6.3	75	8.0	51	5.4	160
100	10.7	96	10.3	73	7.8	76	8.2	61	6.5	65	6.9	62	6.5	161
149	16.0	129	13.8	129	13.9	123	13.2	116	12.4	112	11.9	89	9.4	162
93	10.0	105	11.3	99	10.6	88	9.5	87	9.3	78	8.3	90	9.5	163-171
14	1.5	11	1.2	16	1.7	13	1.4	9	1.0	14	1.5	16	1.7	173-175
2	0.2	...	...	2	0.2	...	...	...	...	...	...	...	...	176
...	...	3	0.3	1	0.1	...	...	3	0.3	1	0.1	2	0.2	177
9	1.0	5	0.5	10	1.1	8	0.9	6	0.6	7	0.7	5	0.5	178
11	1.2	15	1.6	10	1.1	11	1.2	4	0.4	11	1.2	5	0.5	179
21	2.3	17	1.8	16	1.7	11	1.2	8	0.9	11	1.2	7	0.7	180
28	3.0	32	3.4	30	3.2	31	3.3	38	4.0	24	2.6	20	2.1	181
19	2.0	10	1.1	15	1.6	13	1.4	22	2.3	15	1.6	17	1.8	182
59	6.3	41	4.4	37	4.0	46	4.9	34	3.6	33	3.5	45	4.7	183
12	1.3	15	1.6	14	1.5	10	1.1	18	1.9	11	1.2	15	1.6	184
12	1.3	7	0.8	8	0.9	6	0.6	9	1.0	5	0.5	9	0.9	185
140	15.0	123	13.2	122	13.1	164	17.6	165	17.6	147	15.6	163	17.2	186
...	...	...	...	3	0.3	...	...	...	...	...	...	...	...	187
16	1.7	13	1.4	18	1.9	24	2.6	16	1.7	10	1.1	9	0.9	188
2	0.2	...	...	...	...	2	0.2	...	...	...	...	3	0.3	189
6	0.6	10	1.1	15	1.6	6	0.6	8	0.9	8	0.9	8	0.8	190
2	0.2	2	0.2	5	0.5	13	1.4	1	0.1	5	0.5	2	0.2	191
5	0.5	5	0.5	2	0.2	4	0.4	...	...	2	0.2	1	0.1	192
...	...	...	...	3	0.3	...	...	1	0.1	2	0.2	2	0.2	193
8	0.9	8	0.9	15	1.6	11	1.2	19	2.0	17	1.8	18	1.9	194
...	...	3	0.3	3	0.3	2	0.2	3	0.3	2	0.2	3	0.3	195
...	...	3	0.3	...	...	...	...	...	...	...	...	1	0.1	198
25	2.7	34	3.6	23	2.5	11	1.2	16	1.7	16	1.7	4	0.4	199
48	5.2	31	3.3	26	2.8	20	2.1	10	1.1	19	2.0	10	1.1	200
5	0.5	3	0.3	2	0.2	2	0.2	1	0.1	3	0.3	6	0.6	A
29	3.1	16	1.7	20	2.1	26	2.8	19	2.0	16	1.7	25	2.6	B
15	1.6	16	1.7	17	1.8	22	2.4	28	3.0	16	1.7	26	2.7	C
...	...	...	...	...	...	1	0.1	...	...	...	...	...	...	D
32	3.4	30	3.2	40	4.3	47	5.0	47	5.0	49	5.2	65	6.8	E
23	2.5	29	3.1	18	1.9	33	3.5	20	2.1	22	2.3	29	3.1	F
3	0.3	4	0.4	3	0.3	8	0.9	5	0.5	3	0.3	8	0.8	G
3	0.3	1	0.1	3	0.3	1	0.1	6	0.6	5	0.5	...	...	H

TABLE 95.—BIRTHS, DEATHS AND INFANT MORTALITY OF INDIANS (exclusive of Stillbirths) BY MONTHS, 1939.

	Total	Jan.	F. b.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec'
Births	752	62	69	81	70	58	53	62	52	58	62	57	68
Deaths	382	36	27	27	38	34	34	36	28	29	18	44	31
Infant mortality	145	13	11	11	13	12	9	13	12	13	8	17	13

TABLE 96.—BIRTHS OF INDIANS (exclusive of Stillbirths) CLASSIFIED AS LEGITIMATE OR ILLEGITIMATE, 1939.

	Total births			Legitimate			Illegitimate		
	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the province	752	378	374	656	327	329	96	51	45

TABLE 97.—BIRTHS OF INDIANS (exclusive of Stillbirths) CLASSIFIED ACCORDING TO AGES OF PARENTS, 1939.

Age of father	Total	Age of mother				
		Under 20	20-29	30-39	40-49	Not stated
Under 20 years	7	4	3	..	..	..
20-29 years	267	63	191	13	..	..
30-39 years	217	13	117	79	7	1
40-49 years	130	..	27	74	29	..
50 years and over	32	1	2	20	9	..
Not stated	3	..	1	..	..	2
Children born to married mothers	656	81	341	186	45	3
Children born to unmarried mothers	96	23	45	25	3	..
Children born	752	104	386	211	48	3

TABLE 98.—DEATHS OF INDIANS (exclusive of Stillbirths) BY AGE GROUPS, 1939.

	Total	Male	Female		Total	Male	Female
All ages	382	195	187	50-54 years	4	1	3
Under 1 year..	145	84	61	55-59 years	3	3	..
1- 4 years	61	32	29	60-64 years	6	3	3
5- 9 years	25	10	15	65-69 years	17	10	7
10-14 years	11	5	6	70-74 years	10	7	3
15-19 years	14	11	3	75-79 years	12	4	8
20-24 years	9	3	6	80-84 years	6	2	4
25-29 years	9	2	7	85-89 years	8	5	3
30-34 years	12	1	11	90-94 years	3	1	2
35-39 years	10	4	6	95-99 years	1	..	1
40-44 years	6	3	3	100 years and over	1	..	1
45-49 years	8	4	4	Not stated	1	..	1

TABLE 100.—DEATHS OF INDIANS FROM TUBERCULOSIS BY AGE AND SEX, 1939.

	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	60-69 years	70-79 years	80-89 years
23-32. Tuberculosis	46	9	8	6	2	5	3	3	4	1	3	2	..
M.													1
F.	54	5	10	9	4	1	9	10	4	..	1	..	..
23. Tuberculosis of the respiratory system	34	5	4	3	2	5	3	2	4	1	3	2	..
M.													1
F.	45	5	8	4	3	1	9	9	4	..	1	..	..
24. Tuberculosis of the meninges and central nervous system	8	4	2	1	..	..	..	1	..	..	..	..	..
M.													..
F.	7	..	2	4	1	..	..	..	..	..	..	..	..
26. Tuberculosis of the vertebral column	1	..	..	1	..	..	..	..	..	..	..	..	..
M.													..
30. Tuberculosis of the genito-urinary system	2	..	2	..	..	..	..	..	..	..	..	..	..
M.													..
F.	1	..	..	1	..	..	..	..	..	..	..	..	..
32. Disseminated tuberculosis	2	..	..	..	..	..	..	..	..	..	..	..	..
M.													..
F.	2	..	..	1	..	..	..	1	..	..	..	..	..

TABLE 101.—DEATHS OF INDIAN CHILDREN UNDER ONE YEAR (exclusive of Stillbirths) BY AGE AT DEATH, 1939.

Age	No.	Age	No.
All infants Total	137	4 months and under Total	14
M.	84	5 months M.	9
F.	61	5 months and under Total	5
Under 1 day Total	6	6 months M.	4
M.	6	F.	3
1 day and under 1 week Total	21	6 months and under Total	12
M.	9	7 months M.	6
F.	12	F.	6
1 week and under 2 weeks Total	8	7 months and under Total	12
M.	4	8 months M.	5
F.	4	F.	7
2 weeks and under 3 weeks Total	2	8 months and under Total	7
F.	2	9 months M.	3
3 weeks and under 1 month Total	2	F.	4
F.	2	9 months and under Total	11
1 month and under 2 months Total	15	10 months M.	10
M.	10	F.	1
F.	5	10 months and under Total	4
2 months and under 3 months Total	7	11 months M.	2
M.	5	F.	2
F.	2	11 months and under Total	3
3 months and under 4 months Total	17	12 months M.	2
M.	10	F.	1
F.	7		

TABLE 102.—DEATHS OF INDIAN CHILDREN (exclusive of Stillbirths) FROM CERTAIN SPECIFIED CAUSES IN FIRST YEAR OF LIFE FOR EACH SEX, 1939.

Int. List No.	Causes of death	Total	M.	F.
	All causes	145	84	61
9	Whooping cough	11	5	6
10	Diphtheria	1	1	..
11	Influenza	17	11	6
23	Tuberculosis of the respiratory system	10	5	5
24	Tuberculosis of the meninges and central nervous system	4	4	..
34	Syphilis	1	1	..
67	Diseases of the thymus gland	1	1	..
79	Simple meningitis	1	..	1
86	Convulsions	3	1	2
106	Bronchitis	2	..	2
107	Bronchopneumonia	16	9	7
108, 109	Pneumonia	12	9	3
115	Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	1	1	..
116-118	Diseases of the stomach	1	1	..
119	Diarrhœa and enteritis	13	8	5
122	Hernia, intestinal obstruction	1	1	..
157	Malformations	4	4	..
	(a) Congenital hydrocephalus	1	1	..
	(c) Congenital malformations of the heart	1	1	..
	(b, d, e) Others under this title	2	2	..
158	Congenital debility	18	7	11
159	Premature birth	11	5	6
160	Injury at birth	4	4	..
161	Other diseases peculiar to early infancy (under 3 months)	5	3	2
	(a-e) Specified diseases	2	1	1
	(f) No cause given, no doctor in attendance	3	2	1
176-198	Other external causes	1	..	1
	Other specified causes	7	3	4

TABLE 103.—SEARCHES, CERTIFICATES AND CORRESPONDENCE, 1939.

Applications for searches and certificates received	12,061
Number of searches made (2,161 of these searches were made by a representative of the Dominion Treasury)	14,833
Birth certificates issued	10,103
Marriage certificates issued	646
Death certificates issued	1,705
Divorce certificates issued	57
Total number of certificates issued	12,511
Searches for Bureau of Child Protection	144
Certificates for Bureau of Child Protection	24
Searches for legal purposes	250
Certificates for legal purposes	44
Searches for mothers' allowances	953
Certificates for mothers' allowances	38
Searches for old age pensions	870
Certificates for old age pensions	785
Searches for military pensions	356
Certificates for military pensions	269
Changes of given names (under 21 years)	91
Marriage licences issued	5,589
Letters received	46,068
Letters written	54,821



