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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

1937



REGINA
THOS. H. McCONICA, King's Printer
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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.
Director of Bacteriological Laboratory ...	Frances G. McGill, M.D.
Provincial Analyst	J. Grant Lewis, B.Sc.
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	R. W. Hanham (Woodrow, 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.

CONTENTS

	Page
Organization chart	2
Proceedings of Council of Public Health.....	9
Legislation	14
Expenditure of department for fiscal years 1936-37 and 1937-38.....	16
Per capita expenditure	16
 Division of Communicable Disease	 17
Table I—Morbidity and mortality.....	21
Table II—Monthly distribution of communicable disease morbidity....	22
Table III—Summary of distribution of communicable disease.....	23
Table IV—Diphtheria incidence	24
Table V—Scarlet fever incidence	24
Table VI—Measles incidence	25
Table VII—Whooping cough incidence	25
Table VIII—Infantile paralysis incidence	26
Table IX—Detailed distribution of morbidity.....	27
Table X—Comparative issues and costs of vaccines and sera, quinquennial period	32
Trachoma report	33
 Venereal disease	 36
 Division of Sanitation	 40
Waterworks and sewerage	40
Municipal waterworks	40
Semi-urban and rural water supplies	40
Sewerage and sewage disposal	40
Public buildings	40
Urban and rural sanitation	41
Milk supplies	41
Food supplies	41
Disposal of wastes	41
Hotels, boarding houses and restaurants	41
Summer resorts and tourist camps	42
Lumbering, mining and construction camps	42
Plumbing	42
Communicable disease	42
Ice permits	42
Cemetery sites	42
Slaughter houses	42
Council and public meetings	42
Summary of inspections	43
Regulations	43
Union hospital organization	43
Correspondence	43
Appendices	43
Table 1. Waterworks	43
Table 2. Scores awarded urban municipalities	44
Table 3. Inspections by District Sanitary Officers	46
 Provincial Laboratory	 47
 Public Health Nursing	 49
School health work	49
Health inspection	49
Dental clinics	50
Correction of defective vision	50
Immunization	50
Health education material	50

Pre-school work	51
Home visits	51
Official contacts	51
Bedside care	51
Special work	52
Tuberculosis follow-up	52
Mental defectives	52
Private hospitals and nursing homes	52
Maternity grants	52
Summary of work of public health nurses	53
Government-aided Hospitals	55
Review of work done in government-aided hospitals	55
Operating costs and how apportioned	58
H. Table I—Comparative statement of earnings and expenditures of union hospitals	59
H. Table II—Nursing statistics, bed capacity number of patients, hospital days, nursing staff	60
H. Table III—Nursing statistics, cases treated	62
H. Table IV—Nursing statistics, anaesthetics; autopsies, laboratory work; X-ray examinations; deaths	64
H. Table V—Operating costs with cost per patient per day per bed..	66
H. Table VI—Expenditures in hospitals (operating, maintenance, administration, capital)	68
H. Table VII—Earnings of hospitals	72
H. Table VIII—Hospital investment and schedule of charges.....	74
Mental Hospitals:	
The Mental Hospital, North Battleford	77
The Mental Hospital, Weyburn	85
The Psychopathic Ward (Regina General Hospital)	94
Registrar General (Vital Statistics):	
Introduction	97
Population	97
Dominion Bureau of Statistics tables	98
Births	100
Marriages	116
Divorces	123
Deaths	125
Communicable diseases	128
Diphtheria	131
Mortality leaders	131
Measles	133
Influenza	133
Tuberculosis	135
Cancer	138
Heart diseases	140
Diseases of the arteries	140
Pneumonia	141
Nephritis	141
Accidental deaths	142
Violent or accidental deaths	142
Stillbirths	144
Infant mortality	145
Maternal mortality	158
Deaths in public and private institutions	159
Deaths in cities and urban towns from certain causes of death.....	162
Deaths in municipalities from certain causes of death	163
Causes of death, by conjugal condition, nativity and month.....	178
Causes of death, by sex and age	196
Total deaths from all causes	212
Births and deaths among Indians	216
Causes of deaths of Indians	217
Deaths of Indians from tuberculosis	218
Searches, certificates and correspondence	220



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DEPARTMENT OF PUBLIC HEALTH,
REGINA, November 22, 1938.

TO HIS HONOUR,
ARCHIBALD P. McNAB, ESQUIRE,
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 (Vital Statistics) for the calendar year 1937.

Respectfully submitted,

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

DEPARTMENT OF PUBLIC HEALTH,
REGINA, November 22, 1938.

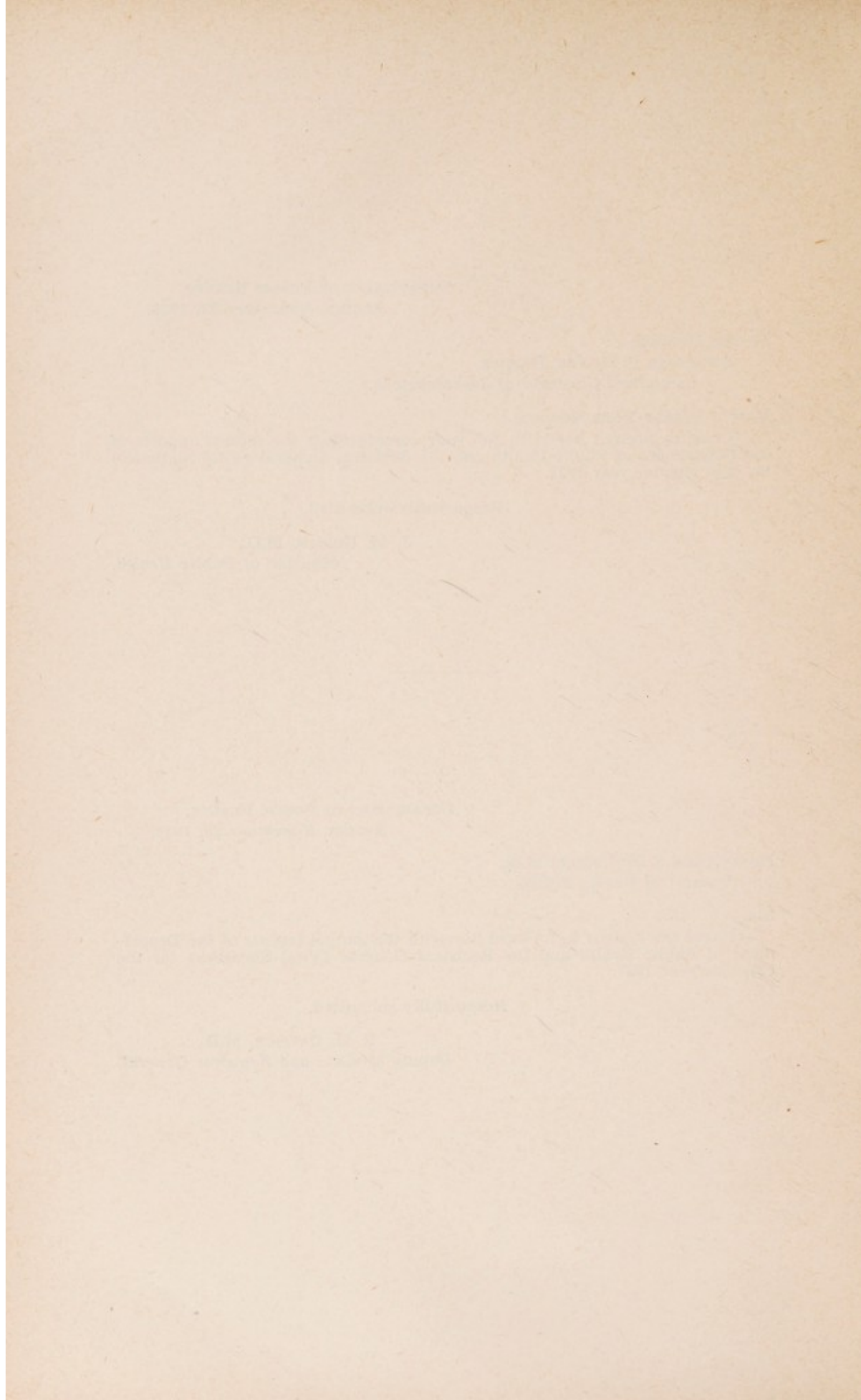
HONOURABLE J. M. UHRICH, M.D.,
Minister of Public Health.

SIR,—

I have the honour to forward herewith the annual reports of the Department of Public Health and the Registrar General (Vital Statistics) for the calendar year 1937.

Respectfully submitted,

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



Twenty-Eighth Annual Public Health Report

Including Vital Statistics

1937

Council of Public Health

The nineteenth meeting of the Council was held on December 28, 1937, in Room 330 of the Legislative Building in Regina, at which the following members were present:

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

Medical Examination

The medical examination of employees in hotels, restaurants and other places was given further consideration. The Council was of the opinion, however, that this question should receive further study before making any changes in the Regulations or providing for stricter methods of enforcement.

Maternity Homes

The licensing of maternity homes was again considered, and, having given serious thought to the matter, the Council agreed that, while permits or licenses should control the operation of maternity homes, there is a definite need for convalescent homes in the province. It was decided that such convalescent homes should only exist where approved hospitals are in operation, and should be approved by the hospitals as well as the Department. In order to control such places it was suggested that consideration should be given to a grant, paid on a daily basis, and that the type of case admitted to such homes should govern the time for which the grant should be paid. Further, the Council agreed that certain types of cases could be cared for just as satisfactorily in convalescent homes as in hospitals, and that the Department should lay down some provision to guide hospitals on this point.

Regulations Governing Beer Parlours

These proposed regulations again received serious consideration, and the Council was satisfied that the provisions contained therein were being carried out, with the exception of the sterilization of glasses. The Council was of the opinion that it would be better to educate the operators of beer parlours regarding the need for proper sterilization of glasses, rather than to pass a regulation to this effect at the present time. The Division of Sanitation reported that its efforts in this direction were meeting with some success.

Food Inspection

Dr. Wilson submitted a memorandum on food inspection for the consideration of the Council, and a minute was passed to the effect that conditions under which meat is being slaughtered and sold in rural communities are not satisfactory: an ante-mortem examination, and examination during slaughter are required in order to eliminate diseased meat. The members of the Council emphasized the value of veterinary advice in proper food inspection, and expressed the opinion that, from the standpoint of meat and milk inspection, consideration should be given to a qualified veterinary surgeon in connection with the appointment of a sanitary officer.

Fumigation

On Dr. Wilson's motion it was decided that regulations be prepared governing fumigation of premises by hydrocyanic acid gas, and that uniformity of legislation which exists in other provinces be taken into consideration.

Disinfection of Second-Hand Mattresses

After considerable discussion on this subject it was decided to withhold action for the present, in view of the fact that the distribution of second-hand mattresses does not present a problem in this province.

Dr. Ferguson recommended to the Council that all hospitals receiving government aid should make due provision for adequate disinfection of all dishes used by patients and staff.

Relief Medical, Hospital and Dental Services

The chairman gave a résumé of the relief medical, hospital and dental services in operation for the relief year 1937-38. (See this report.)

Regulations—Transportation of Corpses

The chairman drew the attention of the Council to the fact that the other provinces of the Dominion permitted a longer period to elapse between death and interment before demanding either enclosure of the body in a hermetically sealed coffin or embalming. However, the Council decided that it would be wise to leave our regulations as they are at present.

Health Certificate for Marriage

On a motion made by Dr. Wilson and seconded by Dr. Ferguson, the Council agreed that recommendations should be made to have the medical profession circularized regarding the type of examination which should be carried out in the examination of persons desiring a health certificate for marriage, placing emphasis upon the tests which should be conducted for the detection of tuberculosis and venereal disease.

Other Business

The chairman discussed with the Council the poliomyelitis epidemic, and the action which was being taken in establishing a clinic for the prevention of deformity.

The chairman further acquainted the Council with the progress which was being made in connection with the administration of the mental hospitals and the programme of mental hygiene.

HEALTH SERVICES BOARD

The following legislation, directly affecting the work of the Board, was enacted in 1937:

The Rural Municipality Act

Provision was made for the employment of a physician for any portion of a rural municipality;

Provision was made for a vote on electors' choice of physicians in schemes applicable to portions of rural municipalities, or where two or more rural municipalities, either wholly or in parts, were co-operating;

The result of such vote was to be communicated to the Board;

When more than one physician was employed the Council was given power to apportion the aggregate sum payable on the basis of services rendered by each physician or on any other basis seen fit;

Provision was made for the employment of a surgeon or surgeons by a similar procedure to that required for the employment of a medical practitioner, except that the amount to be expended was left to the discretion of the Council;

Provision was made for the Board's approval to bylaws and agreements for hospital care and treatment at the expense of municipalities;

Residents assessed for land in the municipality, resident tenants where owners were not resident, chief resident officers or agents of corporations or duly nominated representatives of church or other religious organizations assessed for land, and the dependents of these classes of persons, were required to be included in any municipal hospitalization scheme;

When a special levy was made to meet payments to a hospital under an agreement power was given to a council to prescribe a minimum hospital tax not exceeding \$5.00.

The Village and Town Acts

Provision was made for a vote on the electors' preference of physicians when a vote was taken on a bylaw for the employment of a medical practitioner;

The result of such a vote was to be communicated to the Board;

Authority was given for the employment of more than one medical practitioner, and when this was done the Council could apportion the aggregate sum payable on the basis of services rendered by each physician or on any other basis seen fit;

Similar provision was made for the employment of a surgeon, or surgeons, as that required for the employment of a physician, with the exception that the amount to be expended for such services was left to the discretion of the Council;

The Board's approval was required to bylaws and agreements for hospital care and treatment at the expense of towns and villages.

As in 1936, the Board was composed of Dr. H. H. Christie, Esterhazy, representing the Saskatchewan College of Physicians and Surgeons; Mr. R. W. Hanham, Woodrow, representing the Saskatchewan Association of Rural Municipalities, and Dr. R. O. Davison, Deputy Minister of Public Health, as chairman.

Bylaws authorizing employment of medical practitioners were approved for the towns of Wadena and Whitewood, the villages of Buchanan, Coronach, Dysart, Frobisher, Keeler, Lake Lenore, Madison and Mazenod, and R.M. 169, R.M. 171, R.M. 172, R.M. 214, R.M. 231, R.M. 333, R.M. 334, R.M. 335, R.M. 371, R.M. 397, R.M. 400 and R.M. 501.

Bylaws authorizing employment of a surgeon were approved for the villages of Frobisher and Madison.

Bylaws authorizing hospitalization at municipal expense were approved for the villages of Evesham and Frobisher and R.M. 131, R.M. 169, R.M. 243, R.M. 258, R.M. 259, R.M. 278, R.M. 371, R.M. 400, R.M. 411 and R.M. 472.

Agreements with municipal physicians were approved for the village of Mazenod, R.M. 124, R.M. 214, R.M. 277, R.M. 280, R.M. 281, R.M. 304, R.M. 308, R.M. 337, R.M. 369, R.M. 398, R.M. 428, R.M. 458, R.M. 459 and R.M. 486.

An agreement with a municipal surgeon was approved for R.M. 304.

Agreements with hospitals for care and treatment at municipal expense were approved for R.M. 131, R.M. 243, R.M. 493 and the village of McGee.

Approval of the termination of a municipal physician agreement was given to R.M. 124 and approval of certain alterations in a hospital agreement was given to R.M. 260.

MEDICAL, DENTAL, HOSPITAL, DRUG AND BURIAL RELIEF

The system of special grants to physicians and dentists in the relief areas and to all approved hospitals in the province with respect to patients from the relief areas continued, with very little change from previous years, for the first eight months of 1937, grants being payable through the Department of Municipal Affairs after approval by the Department of Public Health. There was a considerable change as from September 1, 1937, and this will be outlined below in detail.

For the first eight months of the year the relief area "A" consisted of 126 rural municipalities and local improvement districts with the villages and towns within the same boundaries, and area "B" consisted of 40 such units. As in former years, provision was also made to cover the situation brought about by the removal of a large number of relief settlers from the south to the northern part of the province.

From January 1, 1937, to August 31, 1937, the grants payable were as follows:

To Physicians: The maximum grants were: Area "A", \$100 per month; area "B", \$50 per month; in the northern areas with many relief settlers, \$50 per month.

To Dentists: The maximum grant in any area was \$35 per month. School dental clinics were conducted as in previous years from a fund obtained from the relief vote, the Canadian Dental Hygiene Council and the Saskatchewan Dental Society; the work done in these clinics is outlined in the report of the Division of Public Health Nursing.

To Hospitals: The special relief grants continued as in 1936—for patients from area "A", 40c per patient per day; for patients from area "B" or northern settlers, 20c per patient per day. (See report herein on Government-Aided Hospitals.)

For Drugs: From the relief services appropriation a grant was given the Saskatchewan Division of the Canadian Red Cross Society for the purpose of supplying drugs to needy persons in all relief areas.

In the fall of 1937 the province was faced with another crop failure in the greater part of the province, and officials of the government were again confronted with the task of ensuring the maintenance of medical services in the affected area. At that time the organized medical profession was studying the problem, and early in September presented to the government a definite plan for its solution. An examination of the situation had revealed the fact that a serious exodus of physicians from the relief districts was being contemplated, if not actually under way. Such a movement would, of course, have left large areas without medical service of any kind. Close co-operation between the government and the medical profession was finally responsible for evolving a plan to tide over the districts concerned for another twelve-month emergent period, while at the same time interfering in no way with normal and statutory relationships between patient and municipality on the one hand and patient and physician on the other.

The main principles of the plan, as agreed upon, were:

- (1) That grants should be given to physicians in recognition of necessary services only;
- (2) That such grants should be recognized as intended solely for the purpose of maintaining physicians in circumstances wherein they could continue to provide medical services;
- (3) That municipal authorities should in each case give proper authorization to the doctor concerned, whether it be the local physician or a specialist in a larger centre to whom the patient had been referred;
- (4) That for the purpose of these relief grants, the term "relief patient" should mean "*any person who is actually destitute of means from his own resource of obtaining necessary medical attendance and treatment*";
- (5) That a committee of three physicians nominated by the College of Physicians and Surgeons of Saskatchewan and appointed by the government should work in conjunction with a medical officer of the Department of Public Health in determining the grants to physicians and in general supervision of the problem as it affected medical services.

Provision was made for assistance to physicians in rural areas and in the small hospital centres of the relief areas, as well as to physicians in cities to whom patients from the drought districts might be referred.

As formerly, the grants were designed solely for the purpose of enabling the physician to continue rendering medical services during the critical period when remuneration was certain to be inadequate. It was felt that the grants were sufficiently large to ensure the maintenance of these services; but, in order that all needy citizens might secure proper medical attention, co-operation was asked from the patient, the municipality and the physician concerned. The rights and obligations of all were considered the same as in normal times.

From September 1, 1937, the greater part of southern Saskatchewan was placed in the relief area which was made up of two parts—the main drought area and the marginal drought area. The main drought area coincided, with the exception of six additional rural municipalities, with the federal drought area, and consisted of 181 rural municipalities and local improvement districts with the towns and villages of the same general area. The marginal relief area consisted of 76 rural municipalities and local improvement districts and smaller urban centres which were not included in the federal drought area but in which the relief problem was so great that the provincial government had to take over a great deal of the management.

Physicians: In the main drought area physicians were divided into two classes, A and B. The A class physician was one with a rural practice and

his income was guaranteed up to \$150.00 per month, and he was allowed mileage at the rate of 10c per mile in summer and 20c per mile in winter up to a maximum of \$100.00 per month—dividing line November 15. His total maximum grant was therefore \$250.00 per month including mileage. The \$150.00 mentioned above was total income and not net income.

Class B doctor was the one practising in a small hospital centre and doing both rural and urban practice. He was allowed 33 $\frac{1}{3}$ % of the schedule of fees up to the maximum of \$100.00 per month, and was also allowed mileage to the same degree as a Class A doctor. He did not need to declare his income in the same manner as a Class A physician.

In the marginal area physicians had their income guaranteed up to a total of \$150.00 per month; provided, however, that the grant itself was not in excess of \$100.00 per month; they were also entitled to a mileage allowance computed as with physicians in the main area but limited to \$50.00 per month.

Besides the physicians mentioned above, those practising in the cities of Saskatoon, Regina and Moose Jaw were eligible for a grant based on 25% of the schedule of fees for services rendered to residents of the drought area whether main or marginal. The monthly limit, however, was \$100.00, and there was no mileage allowance.

As in previous years, certain physicians in the northern part of the province dealing with relief recipients who had moved there from the south were made eligible for grants up to a maximum of \$50.00 per month.

After the scheme had been put into action it was found necessary to pay grants to several physicians living outside any relief area but with their practices partly within the marginal relief area. The maximum grants were \$50.00 and the maximum mileage allowances \$50.00.

Dentists: Dentists in the main drought area were allowed a grant up to the maximum of \$75.00 and those in the marginal drought area a grant up to the maximum of \$50.00 per month. Dentists practising in the cities of Regina, Saskatoon and Moose Jaw were eligible for a grant up to a maximum of \$50.00 with respect to services rendered to residents of adjacent rural areas without the services of a dentist. Two dentists resident in towns adjacent to the relief area were allowed grants up to a maximum of \$35.00 per month.

Drugs: If a resident of a municipality in the drought area was urgently in need of drugs or medical supplies, he could obtain them by applying to the Red Cross Society and presenting a statement from his physician and also a statement from his municipality—the latter dealing with his financial inability to pay and also the difficulty of the municipality itself.

Optical Services: This was handled in the same manner as drugs but through the medium of the Canadian National Institute for the Blind.

Hospitals: Besides the statutory grant of 50c per patient per day payable by the Department of Public Health, all approved hospitals in Saskatchewan had, during the past few years, as previously mentioned, received special grants for the care of patients from the drought districts. For the relief year which commenced September 1, 1937, the special grant for the hospitalization of patients from the main relief area was 75c per patient per day; for the marginal relief area the special grant was set at 50c per patient per day; both these sums were additional to the regular statutory grant of 50c per patient per day. In other words, every approved hospital in the province which made application was able to secure government assistance to the extent of \$1.25 per day for every patient from a village, town, rural municipality or local improvement district situated in the main relief area and hospitalized therein, or \$1.00 per day for every patient from the marginal relief area. The only condition imposed upon such a hospital by the department was that no cases which were urgent or necessitous would be denied admission.

All physicians, dentists and hospitals and all secretaries of rural municipalities, villages and towns in the relief areas were forwarded complete information regarding these special grants.

The medical officer in charge of relief grants was also placed in charge of medical and allied services which came under the Bureau of Labour and Public Welfare and The Northern Settlers' Branch of the Department of Municipal Affairs. Such a change made for less overlapping of expenditure and was considered a step toward economy. It also gave the branches of government mentioned the advantage of having proper medical advice which had been lacking in former years.

TREATMENT OF RESIDUAL PARALYSIS—ANTERIOR POLIOMYELITIS.

(Also see *Division of Communicable Disease Report.*)

During the year 1937 five hundred and twelve cases of acute anterior poliomyelitis (infantile paralysis) were reported to the department.

To deal with those patients suffering from paralysis of the respiratory muscles and whose life was, therefore, most seriously endangered, the department purchased, early in September, two respirators ("iron-lungs") and installed them in the Regina General and Saskatoon City Hospitals.

The department then completed arrangements with the Grey Nuns' Hospital, Regina, to have placed at its disposal, in that institution, twenty-five beds for use as an orthopædic preventive and restorative unit for the treatment of paralysis. Dr. Beattie Martin and Dr. Harold Spooner, orthopædic surgeons of Regina, were engaged to supervise the operation of the unit. It was necessary to have treatment centralized at Regina in order that the administrative arrangements might be handled more readily and directly by the department.

The purpose of the paralysis clinic was to reduce deformity to a minimum by having the patient under expert supervision and treatment for three weeks. The aim was to stimulate improvement and to teach the patient's relatives how to care for him and assist his recovery. A trained masseuse was employed and a nurse, from the Division of Public Health Nursing, also devoted her services to the institution of vocational and occupational measures designed to foster a healthy mental outlook on the part of the patient.

At the conclusion of the treatment, when the patient was about to be returned to his home, his mother or some other responsible person charged with his future care, was brought to Regina at government expense and trained in the necessary care, massage and the use of splints, in order that the treatment given in the hospital might be continued in the home. The person so chosen received a three-day course of instruction and, on the last day of the patient's stay in the clinic, was expected, for the sake of practice, to perform all the services for the patient. Splints and other apparatus were supplied by the Department of Public Health. The Red Cross Society kindly consented to arrange transportation and lodging for individual cases and their escorts after the Department of Public Health had completed the other arrangements.

As soon as individual cases of infantile paralysis were reported to the Division of Communicable Disease, this division sent out a questionnaire to the physician concerned asking him to report on the presence or absence of residual paralysis. Then, in cases suffering from residual paralysis, the physicians and others concerned were given full information about the facilities offered in the special clinic. By handling the problem in this manner very few cases were missed as the reporting of acute anterior poliomyelitis is compulsory under the Communicable Disease Regulations of this province.

By the end of the year the clinic was in full operation and during the months of November and December, respectively, twenty and twenty-four patients were admitted. The clinic continued in operation into the year 1938 and, in all, over one hundred and fifty patients were admitted. The progress of these patients and the further steps taken by the department to prevent deformities will be shown in detail in the next annual report.

LEGISLATION: STATUTES OF 1938

The following amendments to the various Acts administered were enacted (in force May 1, 1938):

1. *The Mental Hygiene Act. Cap. 69.*
 - (a) re Deputy Minister's warrant.
 - (b) re removal from institution for medical, surgical or hospital treatment.
2. *The Administrator of Estates of the Mentally Incompetent Act. Cap. 71.*
 - (a) re Estate and direction of the court.
 - (b) re powers exercised on behalf of a mentally incompetent person.

The following new legislation was enacted (in force May 1, 1938):

1. *The Mutual Medical and Hospital Benefit Associations Act. Cap. 24.*
2. *The Anatomy Act. Cap. 65.*

The following amendments were enacted to Acts not administered by the department, but having relation thereto:

1. *The Lunacy Act*. Cap 70. (See *The Administrator of Estates of the Mentally Incompetent Act*.)
2. *The City Act, 1934*. Cap. 25. New section 35 (a). Re control of disposal of sewage and waste matter.
3. *The Rural Municipality Act, 1935*. Cap. 28. New subsection 3 (a) after section 178. Re appointment of medical health officer and approval by Health Services Board. Amendment to subsection 236 (1) re hospital accounts. New subsection 245 (2) re agreement with hospital board and assessment of annual hospital tax.

REGULATIONS

No amendments or new regulations.

Expenditures for Fiscal Years 1936-37 and 1937-38

Sub-Vote	Service	Cost in 1936-37	Cost in 1937-38	Increase or Decrease
1	Administration	\$ 15,500.43	\$ 14,327.87	—\$ 1,172.56
2	General services, including nursing services, sanitation, disease prevention, hospital administration and miscellaneous	72,105.97	80,436.51	+ 8,330.54
3	Treatment of venereal disease	22,925.68	23,620.04	+ 694.36
4	Registrar General's office ..	19,902.55	20,757.30	+ 854.75
5	Statutory grants to approved hospitals and three sanatoria	697,524.50	723,465.00	+ 25,940.50
6	Provincial Laboratory	19,383.60	22,948.22	+ 3,564.62
7	Free distribution of vaccines and sera	25,480.79	22,403.29	— 3,077.50
8	Grants to charitable organizations	3,400.00	14,400.00	+ 11,000.00
9	Relief of destitutes	10,984.00	11,734.59	+ 750.59
10	Maternity grants	59,298.70	55,779.00	— 3,519.70
11	Psychopathic Ward, Regina ..	11,152.28	15,313.12	+ 4,160.84
12	Mental hospitals at Battleford and Weyburn, and cost of Committals	327,286.22	462,613.14	+ 135,326.92
13	Health Services Board	5,760.02	4,218.74	— 1,541.28
14	Cancer services	45,984.44	46,549.32	+ 564.88
		\$1,336,689.18	\$1,518,566.14	+\$181,876.96

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

Sub-vote	1933-34 (951,000)	1934-35 (966,000)	1935-36 (978,000)	1936-37 (931,000)	1937-38 (939,000)
1	1.7	1.7	1.3	1.7	1.5
2	7.5	7.7	6.9	7.8	8.6
3	2.5	2.4	2.2	2.5	2.5
4	2.3	2.0	1.8	2.1	2.2
5	63.6	67.0	67.5	74.9	77.0
6	1.8	2.0	1.8	2.1	2.5
7	1.2	1.7	1.6	2.8	2.4
8 .....	.2	.2	.2	.3	1.5
9	1.3	1.3	.7	1.2	1.2
10	1.1	2.0	4.5	6.4	5.9
11	1.0	1.0	1.1	1.2	1.6
12	29.7	29.6	27.9	35.2	49.3
13 .....			.1	.6	.5
14	2.8	3.4	3.6	5.1	5.0
Total per cap. cost	\$1.17	\$1.22	\$1.21	\$1.44	\$1.62

Division of Communicable Disease

REGINA, November 15, 1938.

R. O. DAVISON, Esq., M.D.,
Deputy Minister,
Department of Public Health.

SIR:

I beg to submit the report of the Division of Communicable Disease, including Venereal Disease report, for the calendar year 1937.

Tables I to X are as follows:

- I—The fluctuation of morbidity and mortality during 1936-1937, 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—Infantile paralysis incidence—distribution by age and sex groups. (See spot map.)
- IX—Detailed distribution of communicable disease morbidity—alphabetically by cities, towns, villages and rural municipalities.
- X—Comparative issues and costs of vaccines and sera—1933 to 1937.

ROUTINE

Letters received	4,703
Physicians' reports (including questionnaires) received ...	2,414
Memoranda received	205
Telegrams received	120
Sundry vaccines and sera memoranda received	235
Letters dispatched	3,268
Memoranda dispatched	424
Telegrams dispatched	31
Parcels of vaccines and sera dispatched	3,024
Parcels of forms, bulletins, regulations, etc., dispatched ...	895
Statistical reports—internal—dispatched	480
Statistical reports—external—dispatched	260
Undertakers' licenses issued	130
Disinterment permits issued	93

Diphtheria:

There were 72 cases of diphtheria in 1937, a reduction of 45 from 1936. These resulted in 10 deaths. There were fewer cases and deaths from diphtheria in 1937 than any previous year on record. No cases were reported from Saskatoon, Swift Current, Weyburn or Yorkton.

Measles:

The epidemic of measles of 1935 and 1936 continued into 1937, when there were 7,078 cases and 252 deaths. This was the greatest number of deaths from this disease on record. Previously the greatest number of deaths from this disease was in 1926, when 118 died.

Mumps:

Four hundred and six cases were reported in 1937, as compared with 2,966 in 1936.

Scarlet Fever:

One thousand, six hundred and forty-eight cases were reported in 1937 and 970 in 1936. In only one year before, namely 1921, were more cases reported. In that year 1,743 cases and 87 deaths were reported. Only 16 deaths, the same as in 1936, occurred in 1937.

Smallpox:

Three cases of smallpox were reported in the years 1936 and 1937.

Typhoid Fever:

Two hundred and four cases and 36 deaths indicated the most cases and deaths since 1925. The cases increased by 68 and deaths by 11 over 1936.

A serious outbreak of typhoid fever occurred in Moose Jaw during August and September, with a few cases in November. 92.5% of the milk distributed was pasteurized, the herds were tested for tuberculosis and Bang's disease. Employees engaged in the process of pasteurizing and distributing milk are required to produce medical certificates of health. The total daily consumption was estimated at 5,083 quarts. Sixty-nine cases occurred with 10 deaths.

In January, 1937, two cases occurred in one family where already 5 cases and 2 deaths had occurred in December, 1936. In May two cases occurred in another home. On August 17 a case occurred which might have been contracted outside of the city. Ten days later two more cases occurred, and in the next week 28 more. All of these were obtaining their milk supply from a raw milk dairy. Following the first 6 or 8 notifications this source of milk supply was stopped, but of course others had already been infected. In the 13 days following 13 more cases were reported, and later three others, within the period of incubation from the date when this milk supply was cut off. In this group of known consumers of the suspected milk supply there were 54 persons sick, of whom 8 died. In November 3 cases in one household occurred, with one being fatal. Milk from an unauthorized source had been brought to this family.

The progress of the epidemic was as follows:

August—2 cases; week ended Sept. 3—11 cases; week ended Sept. 15—23 cases. Milk supply stopped. Week ended Sept. 22—8 cases; week ended Sept. 29—7 cases; October—6 cases; November—3 cases.

A pasteurization by-law requiring all milk to be pasteurized was passed by the city council.

Whooping Cough:

With 904 cases and 47 deaths this was the least number of cases and deaths since 1933. There were 81 fewer cases and 3 fewer deaths than in 1936.

Tuberculosis:

There were 502 cases reported in 1937, which is 35 less than in 1936. The deaths, namely 303, increased by 24, being a rate of 32.2 per 100,000. This is the highest death rate since 1931.

Anterior Poliomyelitis (Infantile Paralysis):

Five hundred and twelve cases and 22 deaths in 1937. This was the worst epidemic yet experienced. Eighty-nine cases in 1936 were the most cases reported in one year previous to 1937. Since 1905 up to the end of 1936 only 558 cases in all had been reported, so that in 1937 there were almost as many cases as in the previous 32 years together. At least 160 of the 1937 cases had some paralysis, and 150 of them were hospitalized.

Influenza:

Two thousand, one hundred and eighty-four cases and 404 deaths occurred in 1937, as compared with 815 cases reported in 1936 with 282 deaths.

Undulant Fever:

Seventeen cases and 1 death occurred in 1937, as compared with 8 cases and 1 death in 1936.

German Measles:

The epidemic of German measles, which accounted for 9,101 cases and 5 deaths in 1936, had pretty well subsided in 1937, as only 225 cases with no deaths were recorded in 1937.

February accounted for the largest number of communicable diseases, mainly due to measles and influenza. Then in order came January, March, April and June. In August there were the least number of cases.

ANTERIOR POLIOMYELITIS—1937
(*Infantile Paralysis*)

There were 512 cases of anterior poliomyelitis reported in 1937, with 22 deaths (see Tables I and VIII).

Questionnaires were sent to the attending physicians not less than a month after such cases were reported, and replies were received in connection with 404 of these. The following summary has been made from these replies:

Ages	Male	Female	Total	%	
0 to 6 years	65	45	110	27.2	} 75.2%
7 " 10 "	52	34	86	21.3	
11 " 15 "	67	41	108	27.7	
16 " 20 "	38	17	55	13.6	
21 " 30 "	18	10	28	6.9	
31 " 40 "	8	10	18	4.4	
Over 40 years	5	2	7	1.7	
Not stated		1	1		
	253	151	404		
	(62.6%)	(37.2%)			

Month of Onset

January	1 Case	.2%
April	1 " "	.2%
June	1 " "	.2%
July	10 Cases	2.5%
August	67 " "	16.9%
Sept.	193 " "	51.2%
Oct.	90 " "	22.7%
Nov.	27 " "	6.8%
Dec.	6 " "	1.5%
Not stated	8 " "	1.9%

Number of Families Affected in Epidemic

399 had 1 case
38 " 2 cases
10 " 3 " "
1 " 7 " "
448 families

404

Sixteen of these 404 cases died—6 in August, 8 in September, 1 in October and 1 in November. In 6 of these fatal cases serum had been given. Practically all suffered from paralysis of the respiratory system. The ages of those who died were: Male—1½ years, 1; 9 years, 1; 11 years, 1; 15 years, 2; 16 years, 1; 18 years, 2; 19 years, 1. Female—1 each, 10, 11, 12, 14, 15, 17 and 32 years.

Signs and symptoms reported in the 404 cases were as follows: Temperature over 100° in 351 cases; headache, 14; epistaxis, 1; abdominal pain 1; head cold, 6; sore throat, 6; sore muscles, 280; vomiting, 188; nausea, 14; diarrhoea, 71; constipation, 126; drowsiness, 9; tremor, 64; hyperaesthesia, 173; rigid spine, 275; stiff neck, 324; convulsions, 2; mental confusion, 4; cerebral involvement, 1; stupor, 1; photophobia, 1; dizziness, 5; diplopia, 1; irritability, 3; dysphagia, 7; reflexes—normal, 243; absent, 56; increased, 40; decreased, 54.

In all 224, or 55.4%, developed paralysis. In 153 cases, or 37.8%, of the 404 cases there was paralysis when the patient was first seen by the doctor. Therefore of the 224 cases who developed paralysis 68.2% had developed this before seen by a doctor.

The parts affected by paralysis were: Both legs, 54; left leg, 42; right leg, 23; throat muscles, 22; left arm, 18; arm and leg, 17; back muscles, 14;

TABLE I—MOREMIDITY AND MORTALITY. FLUCTUATION. POPULATION RATES, 1936-1937.

Disease	Cases		Deaths		Deaths per 100 cases reported			Rate per 100,000 population			Mortality		
	1936	1937	1936	1937	1936	1937	Increase or Decrease	1936	1937	Increase or Decrease	1936	1937	Increase or Decrease
Chickenpox	2,134	1,968		3				229.21	209.58	Decrease	1.2	.3	Increase
Diphtheria	117	72	11	10	9.40	13.9	Increase	12.56	7.67	Decrease	1.2	1.1	Decrease
Croup	5		7				Decrease	.53		Decrease	.8		Decrease
Measles	6,124	7,078	39	252	.73	3.56	Increase	569.17	753.78	Decrease	4.2	26.8	Increase
Mumps	2,966	406					Decrease	317.93	43.24	Decrease			
Scarlet fever	980	1,648	16	16	1.63	.97	Decrease	105.26	175.55	Increase	1.7	1.7	
Smallpox	3	3						.32	.32				
Typhoid and paratyphoid fevers	136	204	23	36	16.91	17.65	Increase	14.60	21.72	Increase	2.5	3.8	Increase
Whooping cough	985	904	50	47	5.07	5.20	Increase	105.80	96.27	Decrease	5.4	5.0	Decrease
Infantile paralysis	89	512	9	22	10.1	4.34	Decrease	9.56	54.53	Increase	1.0	2.3	Increase
Trachoma	19	62											
Tuberculosis	537	502	279	303							30.0	32.3	Increase
Cerebrospinal meningitis	6	6	12	6							1.3	.6	Decrease
Erysipelas	49	65	34	13							3.6	1.4	Decrease
Pneumonia and broncho-pneumonia	91	169	440	567							47.3	60.4	Increase
Actinomycosis	3												
Bacillary dysentery	146*	33	36	27							3.9	2.9	Decrease
Amebic dysentery	1	3	11	7							1.2	.7	Decrease
Encephalitis lethargica		1											
Epidemic encephalitis		1											
German measles	9,101	225	5								.5		Decrease
Influenza	815	2,184	282	404							30.3	43.0	Increase
Puerperal septicaemia	1	4	17	22							1.8	2.3	Increase
Ophthalmia neonatorum		1											
Anthrax		1											
Diphtheria carrier	4	1											
Sore throat—epidemic	111	53											
Rocky Mountain spotted fever	1												
Typhoid carrier	1												
Impetigo contagiosa	170	172											
Scabies	256	197											
Conjunctivitis	13	36											
Vincent's angina	12	4											
Ringworm	13	20											
Undulant fever	8	17	1	1							.1	.1	
Trichinosis	1												
Totals	24,084	16,550	1,272	1,736									

Decrease in morbidity 31.28%
 Increase in morbidity 36.47%

	1936	1937
Province	931,000	939,000
Cities	146,004	147,259
Towns	61,228	61,754
Villages	72,971	73,598
Rural Municipalities	650,797	656,389
Moose Jaw	19,805	19,975
North Battleford	4,719	4,760
Prince Albert	11,049	11,144
Regina	53,354	53,812
Saskatoon	41,734	42,093
Swift Current	5,074	5,118
Weyburn	5,338	5,384
Yorkton	4,931	4,973

*48 more than shown in 1936 report;
 case total increased accordingly.

TABLE II—MONTHLY DISTRIBUTION OF COMMUNICABLE DISEASE MORBIDITY, 1937.

Disease	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Chickenpox	273	132	135	67	169	403	238	58	38	154	178	123	1,968
Diphtheria	6	8	3	2	7	7	1	6	9	9	11	10	72
Measles	1,871	1,278	1,525	594	381	498	266	136	71	173	89	196	7,078
Mumps	79	98	86	63	17	7	27	4	15	6	4	406	
Scarlet fever	156	173	179	163	133	96	57	47	93	177	160	214	1,648
Smallpox	2	2	34	6	6	2	1	1	1	3	3	3	62
Trachoma	4	20	34	38	31	64	79	46	20	25	43	98	502
Tuberculosis	5	2	1	9	6	15	5	8	94	35	13	11	204
Typhoid and paratyphoid fevers	73	54	116	148	79	61	70	65	42	81	25	90	904
Whooping cough	23	27	26	22	17	9	8	16	1	8	5	7	169
Cerebrospinal meningitis	4	6	10	12	7	4	1	3	1	4	5	8	65
Pneumonia	2	1	1	1	1	1	4	46	222	131	62	42	512
Erysipelas	2	1	1	1	1	1	1	1	1	1	1	1	11
Infantile paralysis	2	1	1	1	1	1	1	1	1	1	1	1	11
Anthrax	1	1	1	1	1	1	1	1	1	1	1	1	11
Bacillary dysentery	1	1	1	1	1	1	1	1	1	1	1	1	11
Encephalitis lethargica	1	1	1	1	1	1	1	1	1	1	1	1	11
Epidemic encephalitis	1	1	1	1	1	1	1	1	1	1	1	1	11
German measles	14	16	75	11	11	5	5	8	3	2	24	51	225
Influenza	330	1,317	438	67	10	10	20	1	1	1	1	1	2,184
Ophthalmia neonatorum	1	1	3	1	1	1	1	1	1	1	1	1	11
Puerperal fever	1	9	2	1	14	2	1	1	7	8	13	1	44
Sore throat—epidemic	2	2	2	1	2	2	1	1	5	1	1	2	53
Undulant fever	15	8	26	29	7	16	12	1	21	6	26	6	172
Impetigo contagiosa	30	1	20	13	14	10	1	5	23	23	25	33	197
Scabies	1	1	2	14	2	1	1	2	1	6	8	1	36
Conjunctivitis	1	1	1	1	1	2	1	1	1	1	1	1	11
Vincent's angina	1	1	1	1	1	1	1	1	1	1	1	1	11
Ringworm	5	8	1	4	1	1	1	1	1	1	2	1	20
Totals	2,894	3,171	2,721	1,265	906	1,201	796	456	685	864	696	895	16,550

TABLE III.—SUMMARY OF DISTRIBUTION OF COMMUNICABLE DISEASES, 1937.

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	358	12	17	590	339	9	27	4	1,356	160	170	282	1,968
Diphtheria	4	3	3	3					13	8	8	43	72
Measles	619	50	377	1,140	191	52	156	47	2,632	909	1,082	2,455	7,078
Mumps		45	14	12	92				163	20	89	134	406
Scarlet fever	37	1	3	441	254	22	87	47	892	194	130	432	1,648
Smallpox	1								1	1		1	3
Trachoma			1						1		2	59	62
Tuberculosis	20	4	14	35	54		4	4	135	41	41	285	502
Typhoid and paratyphoid	75	1	6	7	5	1		1	96	6	17	85	204
Whooping cough	5		1	273	111	21		1	412	126	114	252	904
Cerebrospinal meningitis			1	1					2	2	2	2	6
Pneumonia			1						1	12	26	130	169
Erysipelas				1					1	9	7	48	65
Infantile paralysis	1		7	8	4			9	46	55	48	363	512
Anthrax												1	1
Bacillary dysentery												33	33
Encephalitis lethargica											2	1	3
Epidemic encephalitis										1			1
German measles	4		3	19	25		1	4	56	112	37	20	225
Influenza			1		70			1	72	628	264	1,220	2,184
Ophthalmia neonatorum												1	1
Puerperal fever										1	1	2	4
Sore throat										14	9	30	53
Undulant fever	2								2	3	3	9	17
Impetigo contagiosa										11	16	145	172
Scabies										21	20	156	197
Conjunctivitis										6	11	19	36
Vincent's angina										2		2	4
Ringworm										1		18	20
Totals	1,126	133	449	2,530	1,145	105	275	118	(5,881)	2,341	2,100	6,228	16,550

TABLE IV.—DIPHtheria Incidence. Distribution by Age and Sex Groups. 1937.

Age groups	Cities		Towns		Villages		Rural Municipalities		Age-Sex group totals		Aggre- gate
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
1 day and under 1 year.....	1	1	1	1	1	1	4	1	6	1	1
1 year and under 6 years.....	2	1	1	1	1	1	7	6	11	8	14
6 years and under 10 years.....	...	...	2	1	...	...	2	4	4	5	16
10 years and under 15 years.....	...	2	...	1	2	2	...	2	1	4	8
15 years and under 20 years.....	1	4	...	1	...	1	3	6	4	7	8
20 years and over.....	...	1	1	...	1	1	1	4	3	12	16
Age not stated.....	4	9	4	4	4	4	17	26	29	43	9
Sex group totals.....	13		8		8		43		72		
Distribution totals.....											

TABLE V.—Scarlet Fever Incidence. Distribution by Age and Sex Groups. 1937.

Age groups	Cities		Towns		Villages		Rural Municipalities		Age-Sex group totals		Aggre- gate
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
1 day and under 1 year.....	2	1	2	2	2	2	43	2	6	5	12
1 year and under 6 years.....	68	64	17	12	12	24	50	2	143	110	256
6 years and under 10 years.....	162	138	18	26	26	62	60	...	261	254	515
10 years and under 15 years.....	111	117	12	11	11	56	19	...	217	220	437
15 years and under 20 years.....	41	40	5	6	6	26	25	...	72	86	158
20 years and over.....	43	69	8	9	9	24	8	...	82	112	195
Age not stated.....	7	12	1	...	1	10	8	...	16	23	75
Sex group totals.....	434	441	63	66	66	204	207	21	797	810	1,648
Distribution totals.....	892		130		194		432				

TABLE VI.—MEASLES INCIDENCE. DISTRIBUTION BY AGE AND SEX GROUPS. 1937.

Age groups	Cities			Towns			Villages			Rural Municipalities			Age-Sex group totals			Aggregate
	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year.....	35	30	...	2	4	...	9	18	1	48	61	1	110			
1 year and under 6 years.....	556	541	...	119	129	...	120	95	3	185	203	5	980	968	8	1,956
6 years and under 10 years.....	507	490	...	190	187	...	165	162	7	324	320	11	1,186	1,159	18	2,363
10 years and under 15 years.....	112	117	...	77	85	...	136	166	8	329	336	10	654	704	18	1,376
15 years and under 20 years.....	41	55	...	25	24	...	45	42	...	116	120	...	227	241	...	468
20 years and over.....	27	69	...	14	17	...	17	32	2	77	92	...	135	210	2	347
Age not stated.....	8	20	24	5	4	27	15	15	41	44	39	216	72	78	308	458
Sex group totals.....	1,286	1,322	24	432	450	27	500	521	61	1,084	1,128	243	3,302	3,421	355	
Distribution totals.....	2,632			909			1,082			2,455			7,078			

TABLE VII.—WHOPPING COUGH INCIDENCE. DISTRIBUTION BY AGE AND SEX GROUPS. 1937.

Age groups	Cities			Towns			Villages			Rural Municipalities			Age-Sex group totals			Aggregate
	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year.....	9	12	...	6	7	...	...	2	...	6	11	1	21	32	1	54
1 year and under 6 years.....	98	116	...	26	23	...	19	24	...	42	56	4	185	219	4	408
6 years and under 10 years.....	64	68	...	25	29	...	18	26	...	39	33	1	146	156	1	303
10 years and under 15 years.....	9	10	...	4	6	...	6	4	...	8	16	1	27	36	1	64
15 years and under 20 years.....	...	...	...	...	...	...	...	1	...	2	4	...	2	5	...	7
20 years and over.....	1	...	...	...	...	...	2	...	...	1	2	...	4	2	...	6
Age not stated.....	5	1	19	...	...	...	...	...	12	3	1	21	8	2	52	62
Sex group totals.....	186	207	19	61	65	...	45	57	12	101	123	28	393	452	59	
Distribution totals.....	412			126			114			252			904			

TABLE VIII.—INFANTILE PARALYSIS INCIDENCE. DISTRIBUTION BY AGE AND SEX GROUPS. 1937.

Age groups	Cities		Towns		Villages		Rural Municipalities			Age-Sex group totals			Aggre- gate
	Male	Female	Male	Female	Male	Female	Male	Female	Not stated	Male	Female	Not stated	
Under 1 year	...	...	...	...	1	...	...	...	...	...	2	...	2
1 year	1	2	...	...	...	...	...	...	...	...	2	...	4
2 years	1	3	1	...	...	...	...	...	...	...	10	...	28
3 years	2	2	1	1	3	...	...	1	...	...	20	1	35
4 years	3	2	3	1	3	...	...	...	...	...	10	...	27
5 years	8	4	6	3	2	3	...	...	...	...	10	...	24
6-10 years	5	4	19	10	9	3	54	37	...	...	54	...	131
11-15 years	...	3	...	5	6	3	50	40	...	...	52	...	132
16-20 years	...	3	...	...	2	5	40	12	...	...	20	...	62
21-25 years	1	2	2	1	...	3	14	4	...	...	10	...	27
26-30 years	...	2	...	...	...	...	4	2	...	...	5	...	10
31-35 years	...	...	...	...	1	...	5	2	...	...	2	...	7
36-40 years	1	...	...	...	...	...	1	...	...	...	...	...	2
41-45 years	...	...	...	...	...	...	4	...	...	...	...	...	4
46-50 years	...	...	...	...	...	...	3	...	...	...	...	...	4
51-55 years	...	...	...	...	...	...	2	...	...	...	...	...	3
64 years	...	...	1	...	...	...	...	...	...	...	...	...	2
Age not stated	...	...	...	...	...	...	9	2	...	...	...	...	1
Sex group totals	22	24	36	19	26	22	228	134	1	312	199	1	512
Distribution totals	46	55	48	363	228	134	228	134	1	312	199	1	512

Date of Onset—By months	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Number Reported—By months	3	2	1	1	1	1	14	104	229	110	38	9	512
	2	1	1	1	..	..	4	46	222	131	62	42	512

TABLE IX.—DETAILED DISTRIBUTION OF MOREIDITY, 1937.

CHICKENPOX—Total cases 1,968.

Cities—1,356. Moose Jaw 358, North Battleford 12, Prince Albert 17, Regina 590, Saskatoon 339, Swift Current 9, Weyburn 27, Yorkton 4.

Towns—160. Cabri 2, Canora 4, Carlyle 10, Davidson 1, Duck Lake 3, Estevan 7, Foam Lake 2, Herbert 1, Indian Head 34, Maple Creek 1, Melville 10, Mortlach 6, Nipawin 11, Nokomis 23, Qu'Appelle 1, Scott 8, Sutherland 13, Tisdale 15, Wilkie 3, Wolseley 5.

Villages—170. Bateman 2, Birsay 3, Bladworth 1, Blaine Lake 14, Bracken 2, Chaplin 1, Conquest 26, Cut Knife 1, Gainsborough 1, Hafford 10, Holdfast 12, Hudson Bay Junction 27, Kelliher 6, Kenaston 5, Lake Lenore 6, Lucky Lake 12, Perdue 1, Ponteix 5, Rockglen 7, Senlac 15, St. Brieux 6, Stoughton 1, Tuxford 1, Windthorst 5.

Rural Municipalities—282. No. 9, 5; 12, 2; 18, 3; 39, 6; 49, 2; 63, 3; 66, 3; 67, 1; 79, 1; 97, 2; 106, 6; 156, 1; 157, 6; 159, 2; 162, 2; 163, 2; 187, 13; 189, 7; 191, 2; 194, 2; 217, 3; 221, 11; 222, 1; 223, 4; 224, 9; 225, 20; 228, 1; 253, 3; 276, 12; 279, 1; 280, 11; 281, 1; 285, 1; 286, 1; 287, 4; 338, 2; 345, 2; 368, 2; 373, 1; 374, 7; 389, 2; 399, 4; 401, 3; 403, 5; 409, 3; 411, 17; 423, 1; 427, 16; 434, 3; 435, 2; 437, 1; 438, 2; 439, 1; 456, 4; 466, 1; 471, 5; 487, 3; 496, 2; 498, 1; 518, 2; 521, 1; 526, 10; Lac la Ronge, 18; Qu'Appelle Indian Agency, 7.

DIPHTHERIA—Total cases 72.

Cities—13. Moose Jaw 4, North Battleford 3, Prince Albert 3, Regina 3.

Towns—8. Battleford 1, Estevan 1, Nipawin 1, Rosthern 3, Sutherland 1, Wilkie 1.

Villages—8. Kenaston 2, Lang 3, Preeceville 1, Speers 2.

Rural Municipalities—43. No. 67, 4; 69, 3; 121, 1; 133, 1; 135, 1; 152, 1; 317, 1; 343, 1; 373, 21; 382, 1; 409, 1; 431, 1; 435, 1; 458, 2; 464, 2; Ile a la Crosse, 1.

MEASLES—Total cases 7,078.

Cities—2,632. Moose Jaw 619, North Battleford 50, Prince Albert 377, Regina 1,140, Saskatoon 191, Swift Current 52, Weyburn 156, Yorkton 47.

Towns—909. Alsask 76, Battleford 7, Biggar 20, Cabri 1, Canora 1, Caron 7, Craik 34, Davidson 19, Eastend 74, Estevan 100, Gravelbourg 78, Gull Lake 9, Herbert 2, Humboldt 26, Kamsack 15, Kerrobert 2, Langham 1, Lumsden 7, Maple Creek 103, Melfort 2, Melville 4, Milestone 19, Morse 18, Mortlach 18, Nipawin 103, Nokomis 1, Oxbow 22, Qu'Appelle 42, Radisson 9, Rosetown 1, Saltcoats 1, Strasbourg 2, Tisdale 3, Unity 3, Watrous 5, White-wood 9, Wilkie 35, Wolseley 12, Wynyard 18.

Villages—1,082. Abbey 5, Aberdeen 15, Abernethy 40, Aylesbury 2, Balcarres 46, Bengough 1, Bethune 1, Bienfait 24, Big River 13, Bladworth 2, Blaine Lake 78, Borden 4, Bradwell 1, Briercrest 6, Brownlee 28, Buchanan 2, Bulyea 9, Canwood 2, Central Butte 31, Ceylon 4, Chaplin 27, Coderre 3, Colgate 19, Consul 16, Cudworth 2, Dilke 15, Ernfold 1, Ettington 1, Eyebrow 11, Fort Qu'Appelle 15, Frobisher 1, Girvin 18, Grayson 1, Guernsey 1, Hafford 47, Hague 40, Hawarden 8, Hazenmore 15, Hepburn 9, Holdfast 36, Hudson Bay Junction 7, Kelliher 38, Kelvington 31, Kenaston 29, Kinistino 25, Kipling 27, Lake Lenore 2, Lampman 19, Lancer 38, Lang 26, Lashburn 31, Leask 7, Leross 1, Lipton 4, Marcelin 1, Mazenod 1, McGee 2, Mildren 2, Montmartre 29, Orkney 1, Pambrun 1, Perdue 4, Preeceville 1, Riverhurst 2, Simpson 24, Southey 2, Spalding 16, Speers 12, Spiritwood 1, Strongfield 8, Sturgis 3, Tessier 3, Tompkins 39, Turtleford 13, Val Marie 27, Veregin 1, Vidora 2, Waldeck 1, Weldon 1.

Rural Municipalities—2,455. No. 3, 2; 4, 29; 5, 2; 9, 7; 11, 5; 13, 10; 21, 4; 34, 5; 35, 14; 37, 7; 39, 116; 44, 4; 47, 7; 49, 6; 50, 10; 51, 5; 64, 1; 65, 2; 66, 7; 67, 13; 68, 2; 74, 6; 77, 11; 80, 4; 96, 2; 104, 35; 106, 2; 107, 2; 109, 3; 123, 2; 124, 93; 125, 24; 126, 22; 128, 1; 131, 1; 133, 2; 134, 8; 140, 1; 153, 15; 156, 2; 157, 24; 158, 1; 159, 13; 160, 1; 161, 1; 162, 22; 163, 14; 164, 1; 165, 3; 168, 11; 186, 65; 187, 14; 189, 44; 190, 46; 193, 2; 194, 8; 216, 90; 217, 19; 219, 3; 220, 7; 221, 200; 222, 12; 223, 4; 224, 5; 228, 1; 229, 1; 242, 1; 245, 10; 246, 4; 247, 34; 252, 22; 253, 6; 254, 18; 256, 1; 262, 6; 271, 2; 280, 20; 281, 73; 282, 55; 284, 10; 286, 6; 292, 1; 304, 7; 310, 10; 312, 6; 334, 40; 335, 1; 338, 20; 340, 1; 342, 5; 343, 1; 346, 1; 348, 2; 349, 5; 364, 1; 366, 1; 368, 14; 369, 5; 370, 4; 373, 4; 374, 34; 376, 1; 379, 3; 380, 1; 394, 1; 401, 1; 403, 49; 404, 23; 405, 100;

408, 3; 409, 10; 411, 1; 427, 46; 428, 2; 430, 5; 431, 1, 434, 52; 435, 100; 436, 48; 437, 20; 438, 20; 439, 3; 442, 11; 456, 2; 460, 6; 461, 1; 463, 25; 471, 1; 472, 32; 486, 2; 487, 6; 490, 5; 491, 32; 493, 6; 495, 7; 496, 10; 517, 1; 519, 15; 523, 1; 525, 5; 526, 21; 555, 8; Ile a la Crosse, 7; Lac la Ronge, 64.

MUMPS—Total cases 406.

Cities—163. North Battleford 45, Prince Albert 14, Regina 12, Saskatoon 92.

Towns—20. Cabri 1, Craik 1, Estevan 11, Indian Head 1, Kerrobert 2, Melfort 3, Whitewood 1.

Villages—89. Bateman 22, Bienfait 1, Central Butte 2, Coronach 10, Dilke 1, Gainsborough 31, Hague 1, Holdfast 3, Landis 1, Riverhurst 1, Young 16.

Rural Municipalities—134. No. 1, 30; 11, 2; 65, 1; 67, 1; 104, 23; 125, 1; 134, 7; 158, 7; 163, 1; 168, 2; 187, 1; 190, 10; 221, 18; 224, 1; 229, 1; 252, 1; 348, 1; 378, 2; 380, 1; 403, 1; 408, 1; 427, 12; 435, 1; 436, 7; 491, 1.

SCARLET FEVER—Total cases 1,648.

Cities—892. Moose Jaw 37, North Battleford 1, Prince Albert 3, Regina 441, Saskatoon 254, Swift Current 22, Weyburn 87, Yorkton 47.

Towns—194. Battleford 10, Biggar 3, Cabri 17, Caron 2, Duck Lake 6, Estevan 6, Gravelbourg 4, Herbert 10, Kamsack 1, Leader 5, Lemberg 3, Macklin 1, Maple Creek 2, Melfort 1, Melville 81, Mortlach 1, Nipawin 5, Oxbow 7, Radisson 1, Rosetown 6, Saltcoats 7, Tisdale 12, Watrous 3.

Villages—130. Allen 8, Antler 3, Bateman 32, Beechy 1, Canwood 5, Coderre 1, Colonsay 4, Dubuc 7, Duval 1, Elrose 2, Evesham 1, Fife Lake 4, Fillmore 3, Girvin 3, Hodgeville 1, Holdfast 7, Hudson Bay Junction 1, Kinistino 3, La Fleche 8, Lake Lenore 1, Lang 2, Leask 4, Lebret 2, Loreburn 2, McGee 1, Penzance 2, Preeceville 1, Primate 2, Quill Lake 1, Simpson 1, Stornoway 6, Stranraer 1, Summerberry 1, Talmage 1, Tugaske 1, Valparaiso 2, Wilcox 4.

Rural Municipalities—432. No. 9, 2; 11, 4; 14, 4; 31, 1; 33, 2; 65, 2; 66, 7; 67, 8; 68, 14; 74, 4; 77, 1; 79, 2; 96, 33; 97, 12; 98, 13; 99, 1; 104, 4; 109, 2; 124, 2; 127, 2; 128, 12; 129, 8; 134, 13; 137, 2; 141, 1; 153, 3; 157, 5; 158, 1; 159, 3; 165, 1; 166, 1; 168, 4; 170, 1; 185, 8; 186, 2; 190, 2; 191, 7; 193, 4; 194, 1; 211, 1; 218, 2; 219, 2; 220, 1; 221, 7; 222, 1; 223, 1; 224, 1; 226, 3; 228, 5; 229, 7; 245, 4; 250, 2; 252, 3; 256, 1; 276, 3; 279, 1; 280, 7; 281, 3; 282, 1; 285, 1; 287, 7; 288, 1; 304, 1; 305, 2; 307, 1; 312, 10; 313, 10; 331, 5; 333, 1; 334, 1; 338, 6; 342, 6; 343, 2; 345, 8; 366, 1; 369, 2; 373, 3; 375, 4; 376, 1; 382, 1; 400, 30; 405, 1; 409, 5; 411, 8; 426, 2; 427, 5; 428, 1; 431, 5; 435, 3; 437, 3; 438, 1; 439, 2; 442, 1; 457, 4; 466, 1; 487, 11; 493, 5; 494, 1; 496, 4; 498, 1; 517, 4; 526, 4; 529, 1.

SMALLPOX—Total cases 3.

Cities—1. Moose Jaw 1

Towns—1. Arcola 1.

Rural Municipalities—1. No. 399, 1.

TRACHOMA—Total cases 62.

Cities—1. Prince Albert 1.

Villages—2. Birsay 1, Denzil 1.

Rural Municipalities—59. No. 128, 1; 156, 1; 166, 2; 171, 1; 195, 1; 225, 1; 351, 1; 352, 2; 380, 1; 381, 43; 382, 4; 465, 1.

TUBERCULOSIS—Total cases 502.

Cities—135. Moose Jaw 20, North Battleford 4, Prince Albert 14, Regina 35, Saskatoon 54, Weyburn 4, Yorkton 4.

Towns—41. Asquith 1, Battleford 2, Biggar 1, Bredenbury 1, Cabri 1, Estevan 4, Eston 1, Foam Lake 1, Grenfell 1, Gull Lake 2, Humboldt 2, Kamsack 1, Leader 1, Lloydminster 1, Maple Creek 2, Melville 2, Oxbow 1, Outlook 1, Radisson 1, Shaunavon 3, Star City 1, Sutherland 1, Tisdale 1, Watrous 1, Whitewood 5, Wilkie 1, Wynyard 1.

Villages—41. Alida 1, Amulet 1, Balcarres 2, Bruno 3, Creelman 1, Domremy 1, Dunblane 1, Elbow 1, Elstow 1, Ernfold 1, Eyebrow 1, Glen-

side 1, Hague 1, Hawarden 1, Holdfast 1, Ituna 1, Kelliher 1, Kyle 3, Markinch 1, Milden 1, Norquay 1, Osage 2, Perdue 1, Riverhurst 2, Robsart 1, Semans 1, Smiley 1, Southey 2, Success 1, Viceroy 1, Viscount 1, Waldheim 1, Willow Bunch 1.

Rural Municipalities—285. No. 4, 3; 5, 1; 6, 2; 7, 1; 17, 1; 36, 3; 37, 1; 40, 2; 65, 2; 69, 2; 71, 2; 75, 1; 79, 1; 92, 1; 93, 1; 94, 1; 95, 1; 97, 1; 98, 2; 99, 1; 105, 1; 106, 1; 107, 1; 109, 1; 110, 1; 121, 2; 124, 1; 126, 4; 127, 3; 130, 2; 131, 1; 132, 1; 134, 1; 135, 1; 137, 2; 151, 1; 153, 3; 154, 3; 159, 3; 161, 1; 162, 1; 163, 1; 164, 1; 165, 1; 166, 2; 167, 1; 181, 1; 183, 1; 184, 2; 185, 1; 187, 2; 189, 1; 213, 1; 214, 1; 215, 1; 216, 3; 217, 2; 219, 1; 220, 5; 225, 2; 228, 2; 229, 1; 231, 1; 241, 3; 243, 3; 247, 1; 248, 1; 254, 1; 258, 1; 259, 1; 271, 4; 273, 4; 274, 1; 276, 2; 277, 2; 281, 1; 287, 2; 290, 1; 301, 1; 303, 1; 304, 1; 305, 2; 306, 6; 307, 2; 308, 1; 310, 2; 320, 1; 331, 1; 333, 2; 334, 1; 336, 1; 337, 4; 339, 2; 340, 1; 343, 1; 346, 2; 347, 2; 352, 1; 364, 1; 366, 1; 367, 1; 369, 3; 371, 5; 372, 4; 374, 1; 375, 1; 377, 2; 378, 2; 379, 2; 380, 1; 381, 1; 394, 1; 395, 1; 399, 1; 401, 1; 402, 2; 403, 2; 404, 4; 405, 1; 408, 1; 425, 1; 426, 1; 427, 2; 431, 1; 434, 1; 436, 2; 437, 1; 438, 5; 439, 1; 440, 2; 442, 2; 457, 1; 459, 2; 460, 1; 461, 1; 466, 2; 467, 2; 469, 1; 471, 1; 472, 2; 486, 1; 488, 1; 490, 4; 491, 1; 493, 3; 494, 1; 495, 3; 498, 2; 501, 1; 502, 3; 520, 2; 521, 2; 524, 1; 525, 1; 526, 1; 529, 2; 533, 3; 559, 2; 588, 1; 591, 1; 599, 1; 621, 1; 661, 1; 703, 1; Cumberland House 1, Island Falls 3, Ile a la Crosse 5, Lac la Ronge 1, LeClair 1, Moose Wood Reserve 1.

TYPHOID AND PARATYPHOID FEVERS—Total cases 204.

Cities—96. Moose Jaw 75, North Battleford 1, Prince Albert 6, Regina 7, Saskatoon 5, Swift Current 1, Yorkton 1.

Towns—6. Craik 1, Herbert 1, Rosthern 4.

Villages—17. Aberdeen 1, Big River 1, Burstall 1, Coronach 2, Fox Valley 1, Herschel 1, Kelvington 1, Kincaid 1, Lipton 1, Norquay 1, Simpson 4, Wakaw 1, Zelma 1.

Rural Municipalities—85. (Including 25 cases from Indian Reserves.) No. 6, 1; 42, 1; 72, 5; 93, 1; 110, 1; 133, 1; 137, 1; 161, 3; 187, 1; 194, 1; 211, 1; 221, 4; 224, 1; 275, 1; 303, 1; 334, 1; 335, 2; 369, 1; 402, 5; 427, 5; 430, 1; 434, 1; 437, 1; 439, 1; 460, 4; 468, 4; 490, 3; 491, 3; 495, 2; 518, 1; Ile a la Crosse 1. Indian Agencies: Kamsack 1, Qu'Appelle 5, Sturgeon Lake 11, Touchwood 8.

WHOOPING COUGH—Total cases 904.

Cities—412. Moose Jaw 5, Prince Albert 1, Regina 273, Saskatoon 111, Swift Current 21, Yorkton 1.

Towns—126. Assiniboia 6, Battleford 1, Kamsack 1, Kindersley 2, Melfort 52, Melville 32, Strasbourg 14, Sutherland 4, Unity 3, Wilkie 11.

Villages—114. Arran 12, Big River 7, Bracken 2, Consul 8, Craven 2, Cudworth 3, Elrose 3, Elstow 1, Fife Lake 1, Hepburn 6, Landis 1, Lawson 12, Lucky Lake 6, Penzance 1, Riverhurst 11, Rockhaven 8, Sifton 12, Young 18.

Rural Municipalities—252. No. 4, 4; 22, 1; 48, 1; 51, 7; 99, 2; 168, 2; 219, 11; 220, 22; 221, 4; 224, 11; 225, 12; 227, 5; 228, 18; 256, 6; 257, 31; 342, 2; 343, 1; 348, 6; 349, 1; 368, 1; 378, 4; 401, 1; 403, 16; 404, 12; 409, 1; 427, 5; 434, 1; 439, 1; 440, 57; 490, 2; 517, 4.

CEREBROSPINAL MENINGITIS—Total cases 6.

Cities—2. Prince Albert 1, Regina 1.

Villages—2. Hafford 1, Summerberry 1.

Rural Municipalities—2. No. 104, 1; 496, 1.

PNEUMONIA—Total cases 169.

Cities—1. Prince Albert 1.

Towns—12. Alsask 1, Assiniboia 1, Gravelbourg 1, Indian Head 1, Kamsack 1, Kerrobert 2, Melfort 2, Morse 1, Unity 2.

Villages—26. Balcarres 3, Bladworth 1, Buchanan 1, Ceylon 2, Craven 1, Dilke 1, Girvin 1, Holdfast 4, Ituna 1, Kenaston 3, Landis 1, Milden 1, Montmartre 3, Orkney 1, Penzance 1, Senlac 1.

Rural Municipalities—130. No. 39, 4; 50, 6; 66, 1; 76, 5; 126, 3; 162, 1; 168, 1; 186, 1; 187, 1; 189, 2; 216, 5; 219, 1; 221, 21; 222, 4; 225, 1; 228, 1; 252, 2; 253, 2; 273, 1; 282, 4; 292, 1; 301, 2; 304, 3; 305, 1; 307, 3; 331, 1; 334, 5; 343, 2; 349, 1; 376, 1; 378, 2; 380, 4; 398, 1; 401, 1; 408, 3; 411, 8; 427, 3; 430, 4; 431, 1; 435, 4; 460, 5; 490, 4; 555, 2; 559, 1.

ERYSIPELAS—Total cases 65.

Cities—1. Regina 1.

Towns—9. Battleford 2, Biggar 1, Cabri 1, Kerrobert 1, Lemberg 1, Melville 2, Rosetown 1.

Villages—7. Buchanan 1, Gainsborough 1, Kenaston 1, Leask 1, Manor 1, Marcelin 1, St. Boswells 1.

Rural Municipalities—48. No. 9, 1; 50, 2; 51, 2; 67, 23; 76, 1; 106, 1; 124, 1; 159, 1; 166, 1; 168, 1; 225, 1; 247, 1; 252, 1; 273, 1; 331, 1; 374, 2; 378, 1; 411, 1; 427, 1; 456, 1; 495, 1; Ile a la Crosse 2.

INFANTILE PARALYSIS—Total cases 512.

Cities—46. Moose Jaw 1, North Battleford 17, Prince Albert 7, Regina 8, Saskatoon 4, Yorkton 9.

Towns—55. Arcola 1, Asquith 1, Battleford 13, Cabri 1, Foam Lake 2, Gravelbourg 1, Hazlet 1, Humboldt 1, Kindersley 11, Langham 3, Leader 1, Melfort 1, Melville 7, Nipawin 2, Sintaluta 1, Scott 1, Tompkins 1, Watrous 1, Whitewood 1, Wynyard 4.

Villages—48. Creelman 1, Armley 1, Birsay 1, Candiac 5, Canwood 1, Coderre 1, Codette 1, Cut Knife 6, Elfros 2, Ethelton 1, Fielding 2, Glaslyn 1, Girvin 1, Hafford 1, Hawarden 2, Hepburn 2, Hudson Bay Junction 1, Kelvington 1, Kinistino 2, Landis 1, Leslie 1, MacNutt 1, Meadow Lake 2, Mendham 1, Mervin 2, Naicam 1, Rose Valley 1, St. Walburg 2, Spruce Lake 1, Young 2.

Rural Municipalities—363. No. 4, 1; 10, 1; 16, 1; 17, 1; 75, 3; 77, 1; 96, 2; 103, 1; 104, 7; 107, 2; 111, 1; 112, 5; 125, 5; 126, 19; 127, 1; 133, 1; 139, 1; 141, 4; 154, 1; 158, 3; 161, 1; 163, 1; 171, 15; 172, 8; 184, 1; 187, 1; 219, 1; 222, 3; 228, 2; 229, 4; 230, 12; 231, 7; 232, 4; 243, 2; 244, 5; 245, 1; 246, 1; 250, 1; 252, 2; 255, 1; 259, 5; 261, 3; 262, 2; 271, 2; 273, 1; 278, 1; 287, 1; 290, 3; 291, 5; 305, 5; 306, 3; 307, 2; 308, 3; 310, 1; 320, 1; 335, 3; 336, 11; 337, 3; 351, 1; 366, 12; 367, 2; 368, 4; 378, 2; 380, 1; 382, 3; 394, 1; 395, 1; 396, 2; 397, 6; 398, 5; 406, 3; 425, 1; 426, 1; 427, 9; 428, 3; 429, 3; 435, 1; 436, 10; 437, 2; 438, 1; 439, 3; 440, 1; 456, 2; 457, 6; 458, 1; 459, 2; 466, 2; 467, 1; 468, 1; 469, 2; 471, 1; 472, 1; 486, 1; 487, 2; 490, 5; 491, 1; 494, 1; 495, 1; 496, 5; 497, 7; 498, 2; 499, 9; 516, 1; 517, 1; 518, 5; 519, 7; 521, 3; 523, 1; 525, 1; 526, 1; 528, 2; 529, 6; 531, 6; 557, 1; 559, 4; 561, 1; 588, 3.

ANTHRAX—Total cases 1.

Rural Municipality—1. No. 463, 1.

BACILLARY DYSENTERY—Total cases 33.

Rural Municipalities—33. No. 225, 1; 457, 32.

ENCEPHALITIS LETHARGICA—Total cases 3.

Villages—2. Kendal 1, Windthorst 1.

Rural Municipalities—1. No. 189, 1.

EPIDEMIC ENCEPHALITIS—Total cases 1.

Towns—1. Canora 1.

GERMAN MEASLES—Total cases 225.

Cities—56. Moose Jaw 4, Prince Albert 3, Regina 19, Saskatoon 25, Weyburn 1, Yorkton 4.

Towns—112. Eastend 21, Grenfell 1, Kindersley 1, Rosetown 7, Strasbourg 11, Unity 67, Watrous 3, Wilkie 1.

Villages—37. Bethune 9, Blaine Lake 25, Lake Lenore 1, Riverhurst 1, Tugaska 1.

Rural Municipalities—20. No. 21, 2; 34, 1; 105, 4; 106, 1; 124, 1; 221, 1; 223, 1; 228, 1; 287, 4; 399, 1; 404, 2; 427, 1.

INFLUENZA—Total cases 2,184.

Cities—72. Prince Albert 1, Saskatoon 70, Yorkton 1.

Towns—628. Canora 258, Caron 2, Craik 33, Estevan 58, Indian Head 3, Kerrobert 12, Leader 15, Melfort 236, Milestone 5, Wilkie 6.

Villages—264. Balcarres 32, Bateman 8, Buchanan 15, Dilke 2, Fillmore 20, Girvin 2, Hague 1, Holdfast 30, Kenaston 30, Landis 3, Lucky Lake 40, Meacham 1, Milden 1, Penzance 51, Rama 1, Regina Beach 20, Riverhurst 6, Sovereign 1.

Rural Municipalities—1,220. No. 50, 10; 76, 100; 96, 40; 126, 11; 134, 4; 153, 1; 186, 10; 187, 209; 190, 47; 216, 20; 217, 26; 221, 128; 222, 18; 224, 8; 225, 60; 252, 4; 282, 40; 286, 7; 304, 8; 376, 1; 378, 100; 379, 10; 408, 26; 435, 1; 437, 288; 438, 24; 487, 6; 559, 1; Goldfields 12.

OPHTHALMIA NEONATORUM—1 case.

Rural Municipalities—1. No. 4, 1.

PUERPERAL FEVER—Total cases 4.

Towns—1. Lemberg 1.

Villages—1. Togo 1.

Rural Municipalities—2. No. 221, 1; 435, 1.

SORE THROAT—EPIDEMIC—Total cases 53.

Towns—14. Nipawin 14.

Villages—9. Heward 9.

Rural Municipalities—30. No. 123, 8; 134, 8; 252, 3; 439, 6; 457, 5.

UNDULANT FEVER—Total cases 17.

Cities—2. Moose Jaw 2.

Towns—3. Davidson 2, Qu'Appelle 1.

Villages—3. Kinistino 1, Mazenod 1, Spiritwood 1.

Rural Municipalities—9. No. 6, 1; 67, 1; 184, 1; 399, 1; 428, 2; 429, 1; 439, 1; 559, 1.

IMPETIGO CONTAGIOSA—Total cases 172.

Towns—11. Canora 1, Herbert 1, Kerrobert 3, Morse 1, Nokomis 2, Saltcoats 1, Sutherland 1, Unity 1.

Villages—16. Buchanan 3, Edam 4, Hague 2, Orkney 1, Ponteix 3, Speers 1, Young 2.

Rural Municipalities—145. No. 1, 5; 4, 1; 7, 1; 13, 1; 37, 4; 65, 4; 134, 1; 189, 1; 221, 59; 223, 1; 225, 1; 304, 17; 380, 2; 400, 26; 403, 4; 411, 3; 431, 2; 435, 1; 439, 10; 457, 1.

SCABIES—Total cases 197.

Towns—21. Canora 1, Estevan 1, Gravelbourg 2, Herbert 1, Kerrobert 2, Mortlach 9, Unity 3, Wolseley 2.

Villages—20. Blaine Lake 5, Holdfast 6, Hudson Bay Junction 4, Tuxford 5.

Rural Municipalities—156. No. 65, 4; 67, 1; 134, 1; 219, 1; 221, 70; 271, 2; 304, 3; 348, 3; 374, 5; 379, 2; 380, 4; 381, 2; 400, 8; 401, 2; 403, 12; 411, 1; 431, 9; 434, 14; 439, 6; 457, 6.

CONJUNCTIVITIS—Total cases 36.

Towns—6. Indian Head 2, Mortlach 4.

Villages—11. Buchanan 10, Perdue 1.

Rural Municipalities—19. No. 4, 2; 106, 1; 163, 14; 460, 2.

VINCENT'S ANGINA—Total cases 4.

Towns—2. Estevan 1, Wynyard 1.

Rural Municipalities—2. No. 439, 2.

RINGWORM—Total cases 20.

Towns—1. Indian Head 1.

Villages—1. Landis 1.

Rural Municipalities—18. No. 4, 1; 37, 1; 134, 1; 217, 2; 221, 3; 286, 2; 349, 1; 381, 4; 435, 3.

DEPARTMENT OF PUBLIC HEALTH

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

Product	1933		1934		1935		1936		1937		Total	
	Amount	Cost	Amount	Cost	Amount	Cost	Amount	Cost	Amount	Cost	Amount	Cost
Diphtheria antitoxin	27,501,000	\$3,318.54	37,165,000	\$4,496.70	31,621,000	\$4,071.74	27,321,000	\$3,306.94	23,676,000	\$2,851.04	150,284,000	\$18,054.96
Diphtheria toxoid	17,037	2,216.00	30,262	3,838.70	27,673	3,535.26	22,616	2,904.75	29,754	3,770.15	127,342	16,264.86
Diphtheria Schick test..	7,050	70.50	7,600	76.00	6,700	67.00	8,225	89.25	11,900	119.00	42,175	421.75
Smallpox vaccine	26,186	1,178.08	24,516	1,102.98	29,285	1,317.86	24,700	1,111.54	28,020	1,270.90	132,695	5,981.36
Typhoid vaccine	3,260	315.37	3,107	312.55	2,927	328.58	5,567	546.46	4,886	502.58	19,747	2,042.34
Typhoid-paratyphoid vaccine .....	.....	.....	.....	.....	438	40.98	229	34.11	1,337	123.32	2,004	197.51
Anti-meningococcus serum	4,400	275.00	4,120	257.50	4,720	295.00	5,260	328.75	5,740	358.75	24,240	1,515.00
Tetanus antitoxin	914,500	274.55	1,237,000	371.10	1,394,500	428.35	2,391,500	718.35	2,922,000	833.31	8,862,500	2,675.46
*Scarlet fever antitoxin.....	.....	.....	.....	.....	.....	.....	4,384 c.c.	.....	.....	.....	52,560 c.c.	.....
Scarlet fever toxin.....	14,189	2,267.05	13,374	2,131.80	20,613	3,260.85	13,166,000 u.	6,389.05	14,156,000	6,135.50	27,302,000 u.	20,184.25
Scarlet fever Dick test..	5,541	1,202.88	5,314	1,149.88	8,461	1,859.24	18,045	3,574.64	29,545	6,228.80	65,509	14,015.24
Anti-anthrax serum	4,200	105.00	4,300	107.50	1,356	108.75	8,920	223.00	15,190	377.50	36,870	921.75
Portusiss vaccine	450	15.75	400	14.00	1,200	42.00	500	17.50	300	10.50	2,850	99.75
Anti-dysenteric serum....	1,930	77.30	8,160	326.40	11,060	442.40	7,680	307.20	8,930	357.20	37,760	1,510.40
Infantile paralysis serum	.....	.....	.....	.....	.....	.....	1,600	213.60	.....	.....	1,600	213.60
Totals .....	.....	\$11,315.72	.....	\$14,221.91	.....	\$15,797.11	.....	\$19,765.14	.....	\$24,051.35	.....	\$86,051.23

*Dosage changed March 1, 1936, from c.c.'s to units.

TRACHOMA REPORT

There were 251 trachoma cases (136 male and 115 female) reported as being under treatment in 1937, as compared with 226 at the end of 1936, an increase of 25 cases.

The number of families affected was 139 in 1937, and 117 in 1936. The increase in cases reported in 1937 was due largely to 45 cases having been reported in Rural Municipality No. 381, in the Salvador district, many of which were apparently of a mild nature.

The Provincial Department of Public Health continued its assistance and supervision in the three areas—Warman-Hague, Wymark and Kayville. The Public Health Nurse in each of these areas made regular routine inspections of the eyes of the children in the schools affected, and assisted in carrying out the eye treatments periodically and instructing parents how to give treatments. In many of the districts the school teachers have co-operated with the nurse in a splendid manner in an attempt to clear up this condition in the schools.

During the year, 189 cases were under supervision by the department, as compared with 211 in 1936. The 189 cases represent 107 families.

New cases discovered by the department were 22.

An arrested condition was shown in 46 of the 1937 cases, and there were 6 recurrences.

Some 16 cases were given treatment by eye specialists, through assistance from the municipality concerned.

Private doctors reported 62 cases, as compared with 15 in 1936.

Age and Sex of Cases.

	Male	Female	Total
Number of pre-school age cases (5 years and under)....	5	3	8
Number of school age cases (5 to 14 years).....	49	42	91
Number of cases 15 to 19 years.....	20	21	41
Number of cases over 20 years.....	55	46	101
Age not stated	7	3	10
	136	115	251

Of the cases 3.2% were of pre-school age, 36.2% of school age, 16.3% between 15 and 19, and 40% over 20 years of age.

In 90 cases only one in the family was affected. There were 20 families with 2 in each; 17 families with 3 in each; 2 families with 4 in each; 5 families with 5 in each; 1 family with 6; 2 families with 7; 1 family with 8, and 1 family with 9.

Geographical Distribution of Cases by Rural Municipalities

R.M. 70, 24; 107, 4; 128, 1; 136, 11; 137, 10; 156, 1; 165, 2; 166, 5; 171, 3; 172, 1; 195, 1; 222, 3; 225, 1; 229, 4; 230, 3; 231, 3; 245, 1; 253, 2; 254, 2; 282, 1; 333, 3; 343, 6; 351, 1; 352, 2; 374, 60; 375, 5; 377, 4; 380, 2; 381, 45; 382, 2; 402, 5; 403, 4; 404, 10; 406, 1; 458, 1; 465, 2; 466, 8; 487, 2; 491, 1; 588, 4.

In array of number of cases of municipalities they were:

R.M. 128, 156, 172, 195, 225, 245, 282, 351, 406, 458, 491 have only one case each; R.M. 165, 253, 254, 352, 380, 382, 465, 487, each have 2 cases; R.M. 171, 222, 230, 231, 333 have 3 each; R.M. 107, 229, 377, 403, 588 have 4 each; R.M. 166, 375, 402 have 5 each; R.M. 345 has 6 cases; R.M. 466 has 8 cases; R.M. 70 has 24 cases; R.M. 381 has 45 cases; R.M. 374 has 60 cases.

Cases exist, therefore, in 40 municipalities.

TABLE NO. 1.—TRACHOMA, 1937. UNDER SUPERVISION OF DEPARTMENT OF PUBLIC HEALTH AND PRIVATE DOCTORS, AS AT DECEMBER 31, 1937.
(NON-INDIAN.)

District and Municipality	Cases Dec. 31, 1936	1937 families affected	Number of cases in family									Cases arrested 1937	New cases 1937	Recur- rences 1937	Under treatment Dec. 31, 1937
			Number of cases in family												
			1	2	3	4	5	6	7	8	9				
Warman-Hague, 374, 375, 403, 404	86	40	26	5	3	1	2	1	2	1	2	19	16	3	79
Wymark, 107, 136, 137, 165	38	20	13	4	3	..	..	..	..	..	..	14	4	2	30
Kayville, 70	27	15	10	3	1	..	..	1	..	..	..	3	1	1	24
Fox Valley, 171	3	2	2	..	..	..	..	..	..	..	..	1	..	..	2
Richmond, 172	1	1	1	..	..	..	..	..	..	..	..	..	..	..	1
Chamberlain, 221, 222	4	1	1	..	1	..	..	..	..	..	..	1	..	..	3
Lancer, 229	4	2	1	..	1	..	..	..	..	..	..	..	..	..	4
Portreeve, 230	4	3	3	..	..	..	..	..	..	..	..	2	..	..	3
Krupp, 231	2	2	2	..	..	..	..	..	..	..	..	..	..	..	2
Goodeve, 245	1	1	1	..	..	..	..	..	..	..	..	..	..	..	1
Elbow, 253, 254	7	3	2	1	..	..	..	..	..	..	..	3	..	..	4
Swan Plain, 333	2	1	1	..	1	..	..	..	..	..	..	..	..	..	3
Allan, Bradwell, 343	6	3	1	1	1	..	..	..	..	..	..	..	..	..	6
Sonningdale, 377	4	1	..	..	1	..	..	..	..	..	..	1	..	..	4
St. Julien, 402	5	1	..	..	..	..	..	1	..	..	..	..	..	..	5
Fielding, 406	..	1	1	..	..	..	..	..	..	..	..	..	..	..	1
Sandbeach, 465	2	1	1	1	..	..	..	..	..	..	..	..	1	..	2
Northvale, Mayfair, 466	4	4	2	..	2	..	..	..	..	..	..	..	1	..	8
Teddington, Spooner, 458	7	3	3	..	..	..	..	..	..	..	..	..	..	..	3
Lost River, 487	4	2	1	1	..	..	..	..	..	..	..	..	..	..	4
Champion School District, 588	4	2	1	1	..	..	..	..	..	..	..	..	..	..	4
Total	211	107	69	15	14	2	2	4	1	2	2	46	22	6	189
Private doctors reported	15	32	21	5	3	..	..	1	..	..	1	..	..	..	62
Total	226	139	90	20	17	2	2	5	1	2	2	46	22	6	251

TABLE NO. 2.—TRACHOMA IN SASKATCHEWAN, 1937 (NON-INDIAN).
BY AGE, SEX AND DISTRICT.

Age	Warman-Hague		Wymark		Kayville		Scattered		Reported by private doctors		Total		Grand total
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
2 years	1	..	..	..	..	..	1	..	..	..	2	..	2
3 years	2	1	..	..	..	..	..	1	..	..	2	2	4
4 years	1	..	..	..	..	..	..	1	..	..	1	1	2
5-9 years	10	6	..	..	1	1	4	2	5	3	20	12	32
10-14 years ..	10	12	4	4	7	3	3	4	5	7	29	30	59
15-19 years ..	8	4	3	5	1	1	4	7	4	4	20	21	41
20-24 years ..	2	5	3	4	1	2	..	4	5	..	11	15	26
25-29 years ..	2	4	1	..	..	1	3	3	3	1	9	9	18
30-39 years ..	5	3	3	..	1	2	6	3	3	4	18	12	30
40-49 years ..	2	1	1	..	1	..	3	2	2	3	9	6	15
50-59 years ..	..	..	..	..	..	..	..	2	4	1	4	3	7
60-69 years ..	..	..	..	..	1	1	3	..	..	..	4	1	5
Not stated ....	..	..	2	..	..	..	..	..	5	3	7	3	10
Total	43	36	17	13	13	11	27	29	36	26	136	115	
	79		30		24		56		62		251		251

In addition to the 79 cases treated in the Warman-Hague district, 19 other cases were being given prophylactic treatment only.

Twelve cases were given treatment by specialists during the year in the Warman-Hague district.

Venereal Disease

There is a decrease in the number of venereal cases reported in 1937, the total for two diseases, syphilis and gonorrhœa, being 1,491 in 1937, as compared with 1,659 in 1936, a decrease of 168 cases, or 10.1%.

A marked decrease is shown in the number of gonorrhœa cases reported, there being 342 less cases in 1937 than 1936 (1937, 924 cases; 1936, 1,266 cases; 27% reduction).

There is, however, a large increase in reported cases of syphilis, an increase of 174 cases over 1936, or 44.2%; this increase is largely made up of cases reported by physicians, who reported 187 cases of syphilis in 1937 as compared with 78 cases in 1936, an increase of 140% (1937, 567 cases; 1936, 393 cases).

Anti-luetics are supplied to physicians, free of charge, for the treatment of indigent syphilis patients reported by them, and 2,984 doses of arsenicals and 3,794 doses of bismuth or mercury were supplied—a total of 6,778 doses, an increase of 2,746 doses over the previous year.

A new treatment was introduced at our clinics during 1937; which is claimed to be effective in the oral treatment of gonorrhœa. While it is too early yet to state its efficiency, it is expected to provide aid in the treatment of gonorrhœa; that acute cases may be aborted if treated early, and many of the later complications may be avoided. It has also proved of considerable value in the treatment of some of the later complications of chronic gonorrhœa, such as epididymitis and prostatitis.

There is an increase in the number of treatments given for syphilis in the dispensaries and a decrease in gonorrhœa treatments; the total treatments being 54,960, a net increase of 668 over the previous year.

In comparing the ages of all patients reported with venereal disease, we note that 47% of all female patients and 14% of the male patients were 21 years of age or under.

Syphilis Reported by Stages of the Disease

	1937	1936	1935	1934
First stage	27.6%	37%	26 %	19%
Second stage	40.2%	34%	38 %	37%
Third stage	26.4%	25%	27.6%	36%
Congenital	5.6%	4%	8.4%	8%

Drugs Supplied to Physicians

Arsenicals (doses)	2,984
Bismuth of mercury (doses)	3,794

Wassermanns Taken in Gaols

	Taken	Positive	Per Cent. Positive
Regina	828	19	2.3%
Prince Albert	666	20	3 %
Battleford (women)	122	25	20.5%

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

- No. 1. Venereal diseases reported.
- No. 2. Patients treated at dispensaries.
- No. 3. Treatments given in dispensaries.
- No. 4. Comparative statement syphilis clinics.
- No. 5. Comparative statement gonorrhœa clinics.

TABLE NO. 1.—VENEREAL DISEASES REPORTED, 1937.

	1937 Total cases	1937		1936		1935		1934 to 1930	
		M.	F.	M.	F.	M.	F.	M.	F.
<i>Syphilis</i>									
Reported by dispensaries	380	235	145	216	99	157	56	904	615
Reported by physicians..	187	116	71	48	30	61	39	211	117
Total syphilis	567	351	216	264	129	218	95	1,115	732
<i>Gonorrhœa</i>									
Reported by dispensaries	806	625	181	871	279	655	215	2,827	1,174
Reported by physicians..	118	75	43	73	43	67	16	336	114
Total gonorrhœa	924	700	224	944	322	722	231	3,163	1,288
Total male and female syphilis and gonorrhœa		1,051	440	1,208	451	940	326	4,278	2,020
Total cases syphilis and gonorrhœa		1,491		1,659		1,266		6,298	

Total decrease 1937 from 1936 was 168 cases, or 10.1% decrease.

There was a decrease of 157 male cases, or 13%, and 11 female cases, or 2.4%.

TABLE NO. 2.—PATIENTS TREATED AT DISPENSARIES, 1937.

	1937 Total cases	1937		1936		1935		1934 to 1930	
		M.	F.	M.	F.	M.	F.	M.	F.
Syphilis	936	581	355	389	266	342	229	2,087	1,217
Gonorrhœa	1,408	970	438	1,087	459	826	405	3,732	2,012
Total male and female....		1,551	793	1,476	725	1,168	634	5,819	3,229
Total		2,344		2,201		1,802		9,048	

Total increase in 1937 over 1936 was 143, or 6.4%.

There was an increase of 75 male treatments, or 5%, and 68 female treatments, or 9.3%.

TABLE NO. 3.—NUMBER OF TREATMENTS GIVEN IN CLINICS, 1937.

	1937	1936	1935	1934 to 1930
Syphilis	15,441	11,654	7,615	38,889
Gonorrhœa	39,519	42,638	30,157	161,960
Total	54,960	54,292	37,772	200,849

Total average number of syphilitic treatments to each patient in 1937, 16.5.

Total average number of gonorrhœal treatments to each patient in 1937, 28.

TABLE NO. 5.—GONORRHOEA. COMPARATIVE REPORT. SASKATCHEWAN CLINICS, 1937.

CLINICS	PATIENTS						TREATMENTS				SMEARS				DISCHARGED								
	Cases carried over from previous years		New patients admitted to clinics		Total patients attending clinics (Monthly average)		Male	Female	Cautery	Consultations only		Pos.	Neg.		Apparently Cured		Transferred		Defaulters		Defaulters Returned for Treatment		Home Visits
	M.	F.	M.	F.	M.	F.				M.	F.		Laboratory	Clinic	Laboratory	Clinic	M.	F.	M.	F.	M.	F.		M.	F.
Regina	105	41	330	42	91	46.5	7,250	3,332	21	246	282	613	334	1,559	.....	336	40	29	9	12	6	71	
Saskatoon	190	157	115	32	54.5	72.5	5,848	6,833	.....	319	212	1,094	109	1,714	165	50	28	29	.....	.....	.....	61	
Moose Jaw	23	26	73	17	29	14	4,268	774	.....	218	153	108	33	292	23	55	4	15	4	19	3	2	48
Prince Albert	21	29	62	20	28	19	5,230	1,065	.....	34	57	93	53	95	13	.....	.....	.....	.....	.....	.....	.....	.....
Prince Albert Gaol	2	.....	7	.....	2.2	.....	475	.....	.....	652	.....	.....	.....	1	.....	6	.....	.....	.....	.....	.....	.....	.....
Regina Gaol	1	.....	26	63	4	.....	1,370	.....	.....	50	.....	.....	.....	66	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battleford Gaol .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Swift Current	3	3	12	7	8	5	123	118	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	315	257	625	181	216.7	163.7	24,564	12,711	21	1,519	701	1,915	529	3,727	201	447	72	44	42	19	15	8	180
	602	.....	806	.....	380.4	.....	39,519	.....	.....	.....	.....	6,372	.....	.....	519	86	34	8	.....	.....	.....	180	

Division of Sanitation

REGINA, February 1, 1938.

R. O. DAVISON, Esq., M.D.,
Deputy Minister of Public Health.

The following report covers the work of the Division of Sanitation for the calendar year 1937.

Continued drought in the province has seriously curtailed much needed development in the sanitary engineering field. Not only has progressive development been hindered but the lack of rainfall has in itself aggravated the ever existing problem of sewage disposal.

The City of Moose Jaw is faced with a serious water shortage. Unless copious rains augment the shallow supply at Caron, no alternative remains except the expenditure of a large sum of money for new development, possibly involving the comprehensive Saskatchewan River scheme. The City of Swift Current was in a similar predicament, but assistance from the Federal Government enabled the authorities to tap Pelletier Lake and direct part of this supply to the city's storage reservoir on the Swift Current Creek. The work was completed in the late fall and an ample supply is now available.

The almost complete absence of the usual spring run-off this year has given municipal authorities much concern. In addition to creating water shortages, no flushing of water courses took place. As a result, five of our cities and several towns have been forced to discharge sewage to dry creek beds, with a zero dilution ratio and a further accumulation of unavoidable sludge deposits.

Municipal Waterworks.

Two certificates were issued during the year for extension and construction of waterwork systems. These represent an expenditure of \$25,700.00. The major portion of this provides for a new water supply for the town of Watrous. The project will be completed in the early part of 1938.

With two or three exceptions, all municipal water systems were inspected. The treatment plants operated by the cities are generally well and efficiently supervised, but the plants in the smaller communities are not producing the results to be expected from the type of treatment and the class of equipment employed.

Semi-urban and Rural Water Supplies.

The anxiety accompanying diminishing water supplies and the ceaseless search for new ones is reflected in the great increase in the number of water samples submitted for analysis and examination. Two thousand, eight hundred and eighty-six samples have been received and reported on. This is an increase of 813, or 39 per cent., over the previous year.

Sewerage and Sewage Disposal.

No construction of sewerage systems or sewage disposal plants was undertaken during the year. The City of Moose Jaw was granted a provisional certificate contemplating an expenditure of \$75,000.00 for improvement to the sewage treatment plant, but the proposal was rejected by the burgesses when the necessary money bylaw was put to a vote.

All municipal sewage treatment plants in the province were inspected during the year.

Public Buildings.

The inspection of water supplies and drainage systems in connection with public buildings totalled 248 in 1937.

A number of institutional sewage disposal systems are poorly maintained and operated, and several require remodelling or complete reconstruction. Because of the unfavourable economic situation, this work is being held in abeyance.

Urban and Rural Sanitation.

In spite of trying times the sanitary environment of urban and rural communities has suffered no appreciable setback. Naturally, many difficult situations arise which under ordinary circumstances would not occur. So far it has always been possible to arrange a reasonable settlement or a compromise. These arrangements must be looked upon as temporary rather than satisfactory.

Suggestions offered by our sanitary officers are usually well received and acted upon, provided action does not involve an appreciable financial expenditure. However, unless a more prosperous period returns it is to be expected that our sanitary standards will ultimately fall below average values.

The total number of sanitary inspections for the year was 13,466. This is an increase of 719 over the previous year.

Milk Supplies.

There are now 255 towns and villages 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 75 municipalities require that all cows be tested for contagious bovine abortion, in addition to the tuberculin test. Unfortunately, many municipalities have been forced to forego the enforcement of the bylaws because money is not available for conducting the tests. Numerous requests are received from local authorities asking the assistance of provincial veterinarians, but facilities of this kind are not provided. In many cases the aid of the Federal Department of Agriculture has been enlisted and the bulk of the testing is performed by that Department.

I am pleased to report that two of our cities have been added to the list of municipalities providing for the compulsory pasteurization of milk. These are the cities of Moose Jaw and North Battleford. In the case of Moose Jaw the bylaw does not become operative until the spring of 1938.

The only outbreak of typhoid fever assuming epidemic proportions occurred at Moose Jaw. Sixty-nine cases were reported and ten deaths resulted. The outbreak was traced to one dairy supplying unpasteurized milk from tested cows.

A total of 1,432 inspections of milk supplies was made during the year.

Food Supplies.

One thousand, seven hundred and sixty-seven food shops were inspected during the year.

It has become increasingly difficult to administer such of our regulations as deal with slaughter-houses and meat supplies. The situation can no longer be controlled by taking half measures, and little improvement can be expected unless the regulations are uniformly enforced or else amended so as to meet the present conditions.

Disposal of Wastes.

Although some municipalities have been unable to maintain the customary garbage removal service, they have, nevertheless, successfully suppressed the creation of nuisances.

In some of these communities where the pail system is in vogue for the collection of human wastes, it may become necessary to revert to the pit system, as neither the individual nor the community can finance the operation and maintenance cost of the former.

Hotels, Boarding Houses and Restaurants.

Our sanitary officers endeavour to visit all establishments catering to the public and 1,995 inspections under this heading were carried out in 1937.

Many restaurants which formerly provided sleeping accommodation for the public have now, through lack of business, confined their activities to the serving of food. From the control point of view, this situation is preferable and should better enable public hotels to maintain the present high sanitary standards, in spite of adverse economic conditions.

Summer Resorts and Tourist Camps.

The larger and more popular summer resorts continue to be operated in a very satisfactory manner. Water and milk supplies are usually more rigidly controlled than in permanent centres. There are also many small community resorts patronized chiefly on Sundays and holidays. The sanitary status of some of these cannot be classified as satisfactory, and efforts to improve conditions have not met with much success.

The number of tourist camps has not increased, but several have been greatly improved. On the whole, the tourist camps in this province are of a high calibre. So far no provision has been made for auto trailer camps, but regulations governing the sanitary control of trailers have been issued.

Lumber, Mining and Construction Camps.

Fifty-seven camp inspections were made during the year. These comprise lumber camps in the northern portion of the province, the coal mining camps in the Estevan area, road construction camps and camps operated in connection with salt recovery plants. No inspection has been made of the mining camps in the northern part of the province. Lumber and construction camps are of a temporary nature and are generally found satisfactory. The camps at salt mines are also satisfactory, but many of those in the coal mining area are not, and these are, in the main, permanent sites. Efforts on the part of the Department's representatives have been very satisfactory, but further action will be taken to deal with this problem.

Plumbing.

Twenty-four plumbing permits were issued during the year. These installations were inspected by the sanitary officers.

Communicable Disease.

The number of inspections made in connection with communicable disease during the year was 115, and represents isolated cases of typhoid and undulant fever.

Ice Permits.

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

Cemetery Sites.

Twenty-three cemeteries have been established during the year following the submission of satisfactory information regarding the topography and environment of the area proposed to be used for cemetery purposes. The cemetery sites which have received approval are located as follows: Algrove, Alvena, Birmingham, Bruno, Capasin, Coronach, Cabana, Carrot River, Doncrest, Endeavour, Fairholme, Hudson Bay Junction, Kylemore, Loon Lake, Mankota, Meadow Lake, Mayview, Prairie River, Rockford, Runnymede, Rapid View, Struan and Sikip.

Slaughter-houses.

Licenses issued to butchers	197
Licenses issued to beef rings	122
Total	<u>319</u>

The decrease in slaughter-house licenses over the previous year is 21 and for beef rings is 5, making a total decrease of 26.

Council and Public Meetings.

The district sanitary officers addressed a total of 67 meetings of municipal councils and of the public throughout the year.

Summary of Inspections.

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

	<i>No. of inspections</i>
Inspections to determine the sanitary environment of towns, villages and hamlets	1,120
Water, milk and food supplies	5,704
Hotels, boarding houses, restaurants and licensed premises	2,674
Disposal of wastes	914
Investigation of communicable disease and vital statistics records	422
Hospitals, schools, institutions (water supply and drainage) and plumbing inspections	491
Summer resorts and tourist camps	133
Barber shops	369
Camps—lumber, mining and Boy Scout	57
Public and council meetings	67
Miscellaneous inspections:	
Fox ranches	77
Other inspections	1,438
Total	<u>13,466</u>

Regulations.

Regulations respecting the sanitary control of automobile trailer houses were approved by order in council.

Union Hospital Organization.

A vote was taken on the establishment of a union hospital district in the Rose Valley area, and the scheme was carried by a large majority. A hospital building was erected at Rose Valley in 1936 and put into operation at the first of this year.

The number of union hospitals in the province now is 23.

Inspections were also made in connection with the proposed government-aided hospitals at Delisle, Nokomis, Weirdale, Lestock, Hudson Bay Junction, Cut Knife, Beechy, Lucky Lake and Birsay. In all cases preliminary plans were prepared by this Division and the hospitals at Lestock and Nokomis were completed, put into operation and added to the list of government-aided hospitals. A new wing was added to the Lady Minto Hospital at Melfort.

In addition to the above, the hospital at Meadow Lake was added to the list of government-aided institutions.

Correspondence.

During the year, 3,455 letters were received and 8,114 letters were dispatched, and these include opinions on water samples but do not include circular letters and correspondence to and from the district sanitary officers.

Appendices.

Attached are three tables in connection with this report.

Respectfully submitted,

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

TABLE NO. 1.—WATERWORKS

Date 1937	Municipality	Work authorized	Amount
April 16	Regina Beach	Construction of reservoir and extension of pipe line	\$ 700.00
Nov. 23	Watrous	Construction of infiltration gallery.	
		Construction of new pump house and equipment	25,000.00
Total			<u>\$25,700.00</u>

DEPARTMENT OF PUBLIC HEALTH

TABLE NO. 3—INSPECTIONS BY DISTRICT SANITARY OFFICERS FOR CALENDAR YEAR 1937.

District	Towns— First Inspection	Towns— Follow up Inspection	Villages— First Inspection	Villages— Follow up Inspection	Hamlets— First Inspection	Hamlets— Follow up Inspection	Water Supplies	Milk Supplies	Food Supplies	Schools and Institutions	Tourist Camps	Summer Resorts	Hotels	Boarding Houses	Restaurants	Licensed Premises	Hospitals	Plumbing Inspectors	Camps—Lumber, Mines, etc	Waste Disposal Grounds	Communicable Disease	Vital Statistics	Barber Shops	Public and Council Meetings	Miscellaneous	Total Inspections	Municipal Officials Interviewed	Total Inspection Hours
No. 1	9		43		40		432	200	380	122	3	11	113	14	221	93	11	13	13	116	19	59	35	3	100	2,050	420	828
No. 2	9	3	44	1	49		295	161	120	92	2	4	17	17	50	24	13	3	1	96	4	36	44	1	477	1,563	151	235
No. 3	29	24	60	58	27	15	314	241	315	12	17	6	131	11	232	83	22	8	7	207	25	91	98		275	2,308	473	491
No. 4	8	6	65	26	47	2	364	166	167	8	4	18	93	5	108	88	5	3	6	95	4		1	44	1,344	248	370	
No. 5	26	21	77	53	4		191	265	228	2	4	7	146		105	92	11	5	2	97	12		27	18	53	1,446	455	528
No. 6	17	2	59	2	55		172	84	95		1	5	67	4	96	44	4	1	1	68	1	18	32	3	92	923	162	379
No. 7	13	5	43	6	55	1	330	112	129	2	7	17	71	9	85	38	5	3	4	80		40	37	6	138	1,236	182	420
No. 8	6		25	9	66	10	407	203	333	10	20	7	202	26	172	217	22	114	23	155	50	63	95	25	336	2,596	441	625
	117	61	416	155	343	28	2,505	1,432	1,767	248	58	75	840	86	1,069	679	93	150	57	914	115	307	369	67	1,515	13,466	2,532	3,876

District No. 7 was divided into two sections and worked by the Sanitary Officers of Districts Nos. 6 and 8

Provincial Laboratory

REGINA, January 28, 1938.

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

SIR,—

During the year 1937, and especially during its closing months, a great deal of time and work in the laboratory has been involved in the manufacture of poliomyelitis serum. Donors are located by the laboratory staff, and, as a large number of these have no telephone and reside in the outskirts of the city, they have to be visited and interviewed at their homes. Many of these donors are cripples, and arrangements have to be made for a member of the staff, with the departmental car, to convey them to and from the laboratory. Some of the donors are employed during the day, and find it impossible to leave their work during our office hours. In these cases, it is necessary to arrange to obtain their blood in the evening, or on a Sunday or a holiday.

Up to the present time these donors have been drawn almost entirely from Regina and the surrounding district, although many donors are available in other parts of the province. Owing to the pressure of work, however, it has been impossible to make any trips out of the city in order to obtain blood from these donors. Now that the demand for serum is not so urgent, trips to other points are being contemplated for this purpose.

During the fall of this year blood has been taken from a total number of one hundred and fourteen donors at the Provincial Laboratory, and from the blood which was obtained approximately one thousand doses of serum were obtained. The blood is allowed to separate from the serum, approximately forty per cent. of the whole blood being serum. This serum is drawn off, and filtered before being bottled. Before distribution, the serum is incubated for seventy-two hours to test for sterility. A constant supply of sterile equipment is necessary for this work, and it will readily be seen that from the time donors are interviewed until the serum is actually ready for distribution, a great deal of time and work is inevitable.

During the past year 870 doses of serum have been distributed, and at the present time there are approximately 100 doses on hand. I should like to express appreciation for the whole-hearted co-operation of the donors, who are always willing to assist us by giving their blood when they are called upon to do so.

The routine work of the laboratory continues to show an upward tendency. During the past twelve months, almost 24,000 Wassermann tests have been made. Besides those requested by the practising physicians, many of whom take Wassermann tests on all their patients, routine tests are made in many of the larger hospitals, in the mental hospitals, gaols, the penitentiary and other institutions. A new departure during the year has been the taking of routine tests on all students in the various Indian schools of the province. Especially, perhaps, in the hospitals many unsuspected cases of syphilis have been revealed by these routine examinations.

There is again a decrease in the number of examinations for diphtheria. This decrease is noted yearly, and is, in itself, a tribute to the work of the Public Health officials of the province. The same applies to the decrease in the number of examinations of sputa for tuberculosis, much of this work now being done in the laboratories of the three sanatoria. This decrease may be expected year by year as the work of the Anti-Tuberculosis League is widened in scope.

Examinations for undulant fever (*bacillus abortus*) also show a decrease. This is partly due to the fact that fewer cases have been reported, and also to the fact that, so far as infected herds are concerned, the work is done entirely by the Department of Animal Pathology at the University of

Saskatchewan. It is to be regretted that the number of examinations for typhoid fever shows a tendency to increase rather than decrease.

While routine urinalysis is not Public Health work, examinations are, of course, made for the Venereal Disease Clinics of our own department, and also for the Normal School, where a routine medical examination is made of each student entering the school. During the year, 3,658 urinalyses have been made. Examinations are not made for practising physicians unless some matter of communicable disease is involved—routine examinations of their patients being made in their own offices.

The examinations of operation specimens show an increase of 300, 1,530 specimens having been examined during the year. These come from the smaller hospitals of the province, where there is no resident pathologist.

There has been an increase of almost 800 in the number of water examinations, a total of 2,789 having been examined both chemically and bacteriologically during the year. Sterile containers in which these samples are forwarded are prepared and packed by the laboratory staff.

There has been practically no demand for examinations for bacillary dysentery this year, and there have been no positive findings since the epidemic in the Swift Current district in 1936.

Examinations which are grouped under the heading "Miscellaneous" are many and varied. These include the examination of spinal fluids, pleural fluids, and other transudates or exudates, faeces, cow's milk, breast milk, hairs for ringworm, and other examinations which are too numerous to mention individually. A great many blood groupings are done for the country hospitals where laboratory facilities are not available. The latter is often an emergency, and must be dealt with accordingly. Animal inoculations of urine, pleural fluids, spinal fluids and other material are often necessary where a diagnosis is difficult to establish in any other way.

It takes the entire time of one member of the staff to prepare cultures and culture media, and to wrap and sterilize the equipment necessary to carry on the routine work of the laboratory. Keidal tubes for taking blood specimens, as well as cultures, are prepared for mailing purposes, and are shipped out to the doctors and the hospitals of the province. In the case of the hospitals, containers are also supplied for mailing specimens for pathological examinations.

In closing this report, I am tabulating below the total number of examinations which have been made during the year 1937.

Wassermann tests	24,631	Miscellaneous examinations ..	2,144
Throat swabs	561	Water	2,726
Sputa	477	Police exhibits	279
Widal tests	1,109	First Aid	354
Bacillus abortus	934	Autopsies	12
Examinations for gonorrhœa ..	9,450	Chemical examinations	3,552
Urinalyses	3,450		
Operation specimens	1,769	Total	<u>51,803</u>
Blood counts	355		

In the year 1927, ten years ago, the number of examinations made in the laboratory totalled 22,932, from which it will be seen that the work has increased about two and one-half times during this period. This would indicate that more and more use is being made by the physicians and hospitals of the province of the laboratory facilities provided by the Department of Public Health.

Yours faithfully,

FRANCES G. MCGILL, M.D.,
Director.

Public Health Nursing

REGINA, August 4, 1938.

R. O. DAVISON, Esq., M.D.,
Deputy Minister of Public Health.

SIR,—

I beg to submit for your consideration the report of the Division of Public Health Nursing for the year ended December 31, 1937.

There has been no interruption in the work of this division during the past year. Districts as arranged early in 1936 have been maintained without change and every effort has been made to give the greatest possible service in every phase of the work. One nurse was granted leave of absence for the purpose of University post-graduate study in public health nursing. One nurse was added to the staff in October. The demand for public health nursing services is greater than can be supplied by the staff of the present size.

Financial conditions in Saskatchewan during recent years have been responsible for a marked change in emphasis in the work of this division. While we continue to stress prevention and health education we find ourselves, while still carrying out much of our usual routine, seriously concerned with the organization of services in aid of the correction of physical defects among children. This work was forced upon us by the urgency of the need. It was formerly left to parents, to local groups and to voluntary organizations. Unfortunately, it has grown entirely beyond their ability to cope with it and in each of the past five years, we have become more and more deeply involved in efforts concerning it. The nurse continues as an essential in health education, but she functions also as a real factor in means for health improvement.

A summary of the work accomplished by the staff of the division is attached to, and forms a part of, this report.

SCHOOL HEALTH WORK

Health Inspection.—During the year routine visits were made to 498 schools and 18,406 children were given a complete health inspection. The schools were in rural, hamlet, village and town districts. Repeat visits were made in a good many cases for the purpose of check-up or special service. These have not been added to the total. Health inspection was carried out only at the time of the first visit.

At the close of the year an effort was made, through a questionnaire, to secure from each school a report on results accruing from the visit, particularly with reference to correction of physical defects. Of the 498 schools visited, 393, or 78.91 per cent., submitted a return. Of this number 20, or 5.08 per cent., reported no results whatever. This is very low and is rather remarkable when the financial situation in the province during the year is considered. It is explained in part by the organized efforts previously indicated which have been carried on by our nurses in co-operation with the districts toward the improvement of the health of school children.

The total of corrections in the reports received from teachers (exclusive of gain in growth and immunization) was 5,672. Added to this number were 4,732 children given treatment in dental clinics and 172 who received correction for defective vision, none of which were included in the reports from teachers. A careful check was kept to make sure of this figure. We had therefore, a total of 10,576 physical defect corrections directly attributable to the work of the nurses during 1937. It would seem that when our staff is sufficient to reach every school child even once a year a very real change in child health may be expected. Undoubtedly, the efforts of public health workers in their districts do procure results.

Dental Clinics.—The organization and conduct of dental clinics occupied by far the greater part of the time of the staff during the summer months. That is the season when rural schools and rural homes are most accessible and full advantage was taken of it to provide dental care for children, the majority of whom were urgently in need of it. The plan used was similar to the one in effect in previous years. Clinics were held in school districts and also in the office of adjacent dentists, the districts assuming full responsibility for the children when transportation was required. Only relief and new settler areas were included. In all, the service was given in 279 schools, located in 61 different municipalities and 21 local improvement districts, with 5,542 children given treatment.

As a general rule the clinics were sponsored by school boards, but many women's organizations, particularly homemakers' clubs, were responsible for securing the service and for financing it. Many more requests were received than we were able to accept. A staff of twice the size could have been kept busy for every day the generous dentists were able to give. Fifty-two dentists assisted with the work.

The cost of the service was shared. The districts contributed \$2,129.85, the Saskatchewan Dental Society and the Canadian Dental Hygiene Council \$500.00 and the Department \$3,365.15. Only 16 clinics were entirely free. District contributions represented real sacrifice in many cases, but parents appeared anxious to do their utmost to support the effort. No child was refused attention at the clinic because of inability to present the very small contribution which was requested. A few pre-school children were included but the majority were of the official school age of this province, which is between five and fifteen years.

School dental clinics were first undertaken in 1933. During the five years of operation a total of 17,843 children have had all necessary dental work completed. This work is producing excellent results in health education. Many districts are now urging annual dental treatment for their children and are endeavouring to arrange for it independently where assistance is not available. In one district 20 classrooms have annual inspection by a dentist and all work completed following it. We have high hopes that this will become the rule rather than the exception when there is a return to normal financial conditions and the districts are again able to carry themselves.

Special mention must be made of the wholehearted and generous co-operation given by the dentists in this work. At all times they responded promptly to the request for help and worked long hours at a rate of payment which was very nominal. Our expression of appreciation is most sincere and is extended in behalf of the children who have benefited as well as the nurses who have organized the work.

Following is a summary of the work accomplished:

Number of schools assisted	279
Number of days work	392
Number of children treated	5,542
Detail of work:	
Extractions—Temporary teeth	4,891
Extractions—Permanent teeth	1,792
Fillings	9,635
Treatments	904
Cleaning	196

Correction of Defective Vision.—The special work in correction of defective vision, organized in 1935, in co-operation with the Canadian National Institute for the Blind, resulted in the treatment of 172 cases in 1937. All were children of pre-school or school age with marked defect which constituted a handicap to good health and to satisfactory progress in school work.

Immunization.—Assistance with immunization was given in 60 schools located in rural and urban areas. As a result of the work 1,387 children were vaccinated, 1,466 given diphtheria toxoid and 1,630 given scarlet fever serum. It must be stated that these figures do not indicate the amount of immunization carried out in the province during the year. They are for the work in which our nurses actually participated.

Health Education Material.—Although the pressing nature of remedial work reduced the amount of time available for actual work with school teachers in connection with health teaching, contact was established in 408 cases through the provision of special teaching material. This was sent with-

out charge at the request of the teacher. Such material is collected from various sources, is kept up to date and stocked in the office of the division. It is particularly helpful in rural schools where teachers have difficulty in procuring new and interesting aids to supplement the formal health lessons.

PRE-SCHOOL WORK

Pre-Natal.—Efforts to improve conditions for expectant mothers occupied a considerable amount of the time of all the nurses. Visits, as regularly as possible, were made in 174 pre-natal cases. In a number of cases tangible assistance was given in securing help for mothers not eligible for the maternity grant.

Pre-natal literature was sent direct to 1,758 mothers at their own request. It was also supplied by the nurses to cases within their districts, and in quantity to hospitals, women's organizations and medical doctors. In all, over 3,000 copies of the pamphlet "Mother and Baby" were distributed.

Pre-School Work.—Health centres for the supervision of the health of children of pre-school age were maintained as in previous years. Considering the interruption of the nurses' time for dental clinics the report was very satisfactory. The total was 129 centres, with an attendance of 2,177 children. This number is higher than that for the preceding year, a fact which indicates greater regularity in attendance for the children enrolled. In such centres this indicates progress.

Post-natal and pre-school booklets on the care of infants and young children were sent direct to 3,356 mothers and miscellaneous literature on child care to 2,215. This service has been carried on for a number of years and many expressions of appreciation have been received. The booklets were also supplied in quantity to city health departments, to hospitals and to medical doctors, the total number amounting to over 4,000. Large amounts of cod liver oil and special cereals for infants, supplied to us by commercial companies without charge, were distributed by our nurses to needy cases through the medium of the health centres.

HOME VISITS

Six thousand, one hundred and sixty-nine home visits were made during the year in connection with the health of pre-school and school-age children. Much of the result which has been accomplished may be traced to these important contacts with parents. Very few formal notices were sent following the visit of the nurse to the school. The personal call undoubtedly produces a much better understanding as well as giving the nurse an opportunity to advise on general health problems in the home.

OFFICIAL CONTACTS

In order to co-operate with other health and welfare agencies and individuals, both official and voluntary, the nurses made the following calls:

Medical health officers	258
School officials	630
Municipal officials	113
Women's organizations	136

Many of these calls were in connection with relief assistance for special cases, a feature of the nurses' work which has more than trebled in the recent difficult years. Our contact with women's organizations continues as a pleasant feature of the work and has been productive of results which have had both a direct and an indirect bearing on community health.

BEDSIDE CARE

Our nurse at Cumberland House, who has given full time to health supervision and bedside care in her northern outpost, had a very busy year. Several epidemics of a fairly mild form of influenza and common cold were sufficiently serious to create a constant need for her attention. She attended at 16 births. Ten deaths occurred during the period under review. She has under her supervision the districts of Budd's Point, Birch River and The Saskatchewan as well as Cumberland House. The nearest doctor is at The Pas, Manitoba, a distance of about fifty miles.

SPECIAL WORK

Tuberculosis Follow-up.—At the request of the Saskatchewan Anti-Tuberculosis League and in connection with a special effort in the follow-up of cases discharged from the sanatoria, 35 cases were visited and detailed reports as to home conditions, physical condition of patients, etc., were submitted. This work is still being carried on.

Mental Defectives.—Twenty-seven special calls were made in cases where institutional care of mental defectives was under discussion. The visit of the nurse to the home in such cases was of a purely social service nature and reports were on home conditions in relation to the ability of the family to give the necessary care and not on the mental condition of the person in question.

PRIVATE HOSPITALS AND NURSING HOMES

It has been possible to inspect 72 private hospitals and nursing homes before the issuance of the required permit to operate. These are small places of from 2 to 10 beds, usually in villages or small towns, and are not eligible for government financial assistance in the way of hospital grants. A closer check is considered advisable on all homes where patients are admitted for care for which a charge is made. This supervision should be helpful to the person conducting the home as well as a protection to the public.

MATERNITY GRANTS

During the period January 1 to December 31, 1937, the maternity grant was authorized in 5,410 cases. Grants were paid to 3,983 doctors and to 24 hospitals.

The cost of the service was:

Grants paid direct to mothers	\$27,050.00
Gratuities paid to doctors	39,367.00
Contributions toward hospital accounts (paid direct to hospitals)	230.00
Total amount expended	<u>\$66,647.00</u>

A sharp rise in the number of requests received for the grant was noted in late July and August and continued to the end of the year.

The number of grants authorized without the report of pre-natal examination by a medical doctor was remarkably low, occurring chiefly during severe winter weather or in early spring when road travel is difficult. Maternal and infant welfare has undoubtedly benefited since the authorization of the grant has been made dependent upon medical examinations before confinement.

Acknowledgment is made of our indebtedness to individuals, organizations and agencies which have contributed to the conduct of the work of this division.

Respectfully submitted,

RUBY M. SIMPSON, Reg. N.,
Director.

SUMMARY OF WORK OF PUBLIC HEALTH NURSES, 1937.

I. SCHOOL WORK:		1936	1937	
Number of schools visited		522	498	
Number of pupils inspected		18,228	18,406	
Number of pupils with no apparent defect.....		4,254	4,600	
	<i>Signs of defect reported</i>	<i>Corrections reported by teachers</i>		
		(314 reports)	(393 reports)	
(a) Inspection of pupils—	1936	1937	1936	1937
Defective vision	1,779	1,841	430	525
Defective hearing	174	230	40	59
Discharging ears	13	18	39	55
Unhealthy throat	3,226	3,516	480	559
Nasal obstruction	1,084	961	254	308
Cariou teeth—Temporary..	6,342	5,733	3,118	3,681
Cariou teeth—Permanent	8,403	7,973		
Enlarged thyroid	459	426	21	27
Orthopedic defect	29	28	18	9
Skin eruptions	538	343	344	300
Nervous disorders	163	170	13	27
Suspect tuberculosis	16	5	9	16
Special cases	235	244	59	106
Dental corrections recorded in dental clinics for which no teacher's report was received			3,665	4,732
Total dental corrections			6,783	8,375
Immunization of school children previous to visit of nurse—				
Vaccination			5,486	5,296
Diphtheria toxoid			5,133	5,051
Immunization following visit of nurse—				
Vaccination			1,043	1,529
Diphtheria toxoid			1,579	2,093
Improved gain in growth.....			1,856	2,644
(b) Health talks in schools			686	792
(c) School improvements reported by teachers following the recommendation of the public health nurse—				
Lighting			34	24
Ventilation			20	14
Cleanliness			69	92
Desks			32	43
Blackboards			43	49
Water supply			45	42
Washing facilities			51	55
Toilets			61	78
(d) Special health teaching reported by teachers—				
Health plays			114	136
Records and charts			139	154
Morning inspection			220	260
Junior Red Cross organization			55	81
Posters, books, stories			11	26
Weight records			84	67
Hot noon lunch			42	60
(e) Health teaching material sent to schools at request of teacher—				
Plays, stories, booklets, etc.			636	408

(f) Dental clinics—	1936	1937
Number of clinics held	205	279
Number of children treated	4,259	5,542
2. PRE-SCHOOL WORK:		
Number of infant and pre-school health conferences	19	7
Number of children examined by doctor	590	237
Number of weighing centres	142	129
Attendance	1,912	2,177
Pre-school literature sent out—		
Pre-natal letters	4,739	3,000
Post-natal letters	4,811	4,000
Pre-school letters	918	1,400
Miscellaneous (diet folders, habit training, patterns, etc.)	2,813	4,000
3. ASSISTANCE WITH IMMUNIZATION:		
Number of school districts	118	60
Number of children vaccinated	2,560	1,387
Number of children given diphtheria toxoid	3,221	1,466
Number of children given scarlet fever serum	1,748	1,630
4. HOME NURSING CLASSES:		
Junior—Number of classes conducted	88	58
Attendance	1,846	1,181
5. SPECIAL WORK:		
Number of special visits <i>re</i> mental cases	25	27
Number of tuberculosis cases visited in homes	36	18
Number of nursing homes inspected	31	72
Number of meetings addressed	83	74
6. TRACHOMA WORK:		
Number of treatment centres attended	249	206
Number of treatments given	1,768	2,804
Number of homes visited	787	638
7. RELIEF WORK:		
Number of cases of crippled children reported to Junior Red Cross Society and Shriners' Hospital	18	12
Number of cases reported to Canadian National Institute for the Blind	200	193
8. BEDSIDE CARE SERVICE:		
Number of maternity cases attended	29	18
Number of bedside care visits	568	570
Number of office consultations <i>re</i> illness	516	445
9. SUMMARY OF HOME VISITS:		
Number of homes visited	7,309	6,169
Services represented—		
Pre-natal	118	174
Infant welfare	1,040	796
Pre-school	2,074	1,741
School	5,326	4,554
Trachoma	787	638
Tuberculosis	50	57
Other communicable disease	290	119
Special cases	595	501
10. OFFICIAL CALLS AND CONSULTATIONS:		
Medical health officers	267	296
Municipal officials	175	146
School officials	693	737
Women's organizations	163	164
Number of obstetrical cases attended (Cumberland House)	29	18

Government-Aided Hospitals

REGINA, September 1, 1938.

1. HOSPITALS—NUMBER AND TYPES:

The Mitchell Memorial Hospital at Carrot River was closed July 31, 1937.

Meadow Lake Hospital, operated as a Red Cross outpost hospital to December 31, 1936, was added to the list of general hospitals as from January 1, 1937.

Three new hospitals were added to the list of government-aided hospitals as follows:

Rose Valley—Union Hospital as from January 1, 1937.

Lestock—St. Joseph's Hospital as from October 19, 1937.

Nokomis—Community Hospital as from December 1, 1937.

During the year the following were added to the Red Cross Outposts:

Lucky Lake, as from July 1, 1937 (temporarily).

Dinsmore, as from July 1, 1937 (temporarily).

Endeavour, as from October 16, 1937.

There were twenty-three union hospitals in 1937.

There were, including the three Sanatoria, 78 hospitals on the approved hospital list in 1937; besides these, the Red Cross operated ten hospitals, bringing 88 hospitals in all under *The Hospital Act*.

The auspices under which the hospitals were conducted were:

11 Municipal	Hospitals containing	1,265 beds	29.8%
15 Sisters	" "	1,155 "	27.2%
3 Sanatoria	" "	718 "	16.9%
23 Union	" "	555 "	13.1%
16 Community	" "	266 "	6.3%
5 United Church	" "	116 "	2.7%
4 Private	" "	56 "	1.3%
1 V.O.N.	" "	12 "	.3%
10 Red Cross	" "	102 "	2.4%
88 Hospitals (including 10 Red Cross)		4,245 beds	100.0%

2. HOSPITAL BEDS, PATIENTS AND HOSPITAL DAYS:

Including the ten Red Cross hospitals, there were 4,245 hospital beds in 1937. This included 829 beds for tuberculosis and 263 beds for isolation purposes. There were 27 beds in the Psychopathic ward of Regina General Hospital not included in the above.

With an estimated population of 939,000 in 1937, we had one hospital bed for every 197.6 of our people, or 4.5 beds per 1,000 population.

The general hospitals showed an increase of 5,691 patients and 66,987 hospital days over 1936. The Sanatoria showed an increase of 456 patients over 1936 and a decrease of 6,930 hospital days from 1936. The increase of all hospitals over 1936 was 5,717 patients and 60,057 hospital days.

The number of patients cared for in all the hospitals in 1937 was 84,268 and the number of hospital days was 1,184,274.

One person in 11.1, or 9.0 per cent. of our population, had hospital treatment in 1937; every day an average of 231 patients were admitted to our hospitals.

Each patient remained in hospital an average of 11.9 days (excluding the Sanatoria). The average day's stay in union hospitals was 11.3. In the Sanatoria the length of treatment of the actively tuberculous was 11.8 months, as compared with the 11.4 months in 1936.

Every day in 1937 there was an average of 3,244.6 patients in our hospitals; this was an increase of 164.6 over the 1936 daily average.

Each bed accommodated during the year an average of 19.9 patients, and 76.4 per cent. of the bed capacity was occupied daily.

The three Sanatoria at Fort Qu'Appelle, Prince Albert and Saskatoon cared for 2,825 tuberculosis patients, 2,441 suffering from pulmonary and 384 from other forms of the disease. Some of these were treated for at least part of the time in other hospitals.

3. NURSES' TRAINING SCHOOLS, GRADUATE NURSES, DIETITIANS AND INTERNES:

There were ten training schools for nurses in 1937. From these 181 nurses graduated during the year and 634 pupil nurses were in training. In 1936, 147 nurses graduated and 610 pupil nurses were in training.

In all hospitals 584 graduate nurses were employed as compared with 551 in 1936.

Eleven hospitals employed a full-time dietitian, two hospitals had two full-time dietitians, and one hospital had a dietitian for part of the time.

Hospital internes were employed as follows:

Moose Jaw General Hospital	2
Moose Jaw Providence "	1
Regina General "	8
Regina Grey Nuns' "	3
Saskatoon City "	7
Saskatoon St. Paul's "	3

4. MATERNITY CASES, BIRTHS AND MATERNAL DEATHS:

In 1937 there were 7,999 maternity cases cared for in the hospitals, as compared with 7,141 cases in 1936. This was an increase of 858 cases over 1936.

Of the maternity cases treated in hospitals, 1,667 cases were cared for in the union hospitals. This means that 20.8 per cent. of the total number of maternity cases were cared for in the union hospitals, although the union hospitals had only 13.1 per cent. of the total bed capacity.

Maternity cases comprised 11.4 per cent. of the 14,613 patients admitted to the union hospitals.

There were 7,856 living births in hospitals in 1937 as compared with 6,978 living births in 1936. This was an increase of 878 over 1936, while in the same period the living births for the whole province decreased by 511.

The total number of living births in Saskatchewan in 1937 was 18,640, so that one in every 2.4, or 42.1 per cent. of the total births, took place in government-aided hospitals.

There were 29 maternal deaths in hospitals in 1937. This was a maternal death rate of 3.7 per 1,000 living births. The maternal death rate for the whole province in 1937 was 4.6 per 1,000 living births; in 1936 the maternal death rate for the hospitals was 3.6, and for the whole province 4.5 per 1,000 living births.

5. OPERATIONS, ANAESTHETICS, COMMUNICABLE DISEASE AND GENERAL MEDICAL:

In all hospitals 32,019 cases, or 38 per cent., were operative. In union hospitals 33.2 per cent. were operative.

Eighty-six medical, 78 surgical and 45 obstetrical infections developed in hospitals.

In 1937, 1,296 cases of communicable disease, other than tuberculosis, were treated in the isolation hospitals.

Among the other cases treated in hospitals there were 540 cases of goitre, 866 cases of cancer and 315 cases of venereal disease.

The number of general anaesthetics administered in hospitals in 1937 was 21,687.

6. LABORATORY, X-RAY:

The number of laboratory examinations made in 1937 was 188,804, an increase of 5,325, or 2.9 per cent., over 1936.

There were 54,326 X-ray examinations made in 1937. This was an increase of 7,055, or 14.9 per cent., over 1936.

In 1937 there were 10,369 Wassermann blood tests made on hospital patients. This was an increase of 602 over 1936.

7. DEATHS AND AUTOPSIES:

The death rate in our hospitals for 1937 was 3.1 per cent. of the total admissions. In 1936 the death rate was 3.2 per cent. of the total admissions.

There were 462 autopsies performed in 1937 as compared with 364 in 1936. In 1937 autopsies were performed on 17.7 per cent. of the bodies of patients dying in hospitals; in 1936 such figure was 14.3 per cent.

FINANCIAL

8. (a) BUILDINGS:

The value of buildings and equipment as estimated by the auditors at the end of 1937 was \$8,615,693.81, a decrease of \$98,955.26 from 1936.

(b) EARNINGS:

The earnings of all hospitals in 1937 amounted to \$3,612,334.20, of which \$2,639,585.17 were patients' fees and \$858,876.35 were Provincial Government grants (including statutory and relief).

The Provincial Government also paid grants to hospitals that did not submit a financial statement in the amount of \$20,326.55, bringing the total government grants to hospitals, statutory and relief, for 1937 to the amount of \$879,202.90. (See Table No. 7.)

(c) STATUTORY GRANTS:

Provincial Government statutory grants, at 50 cents per hospital day, amounted to \$724,033.00, and this was at the rate of \$1,983.65 per day, or \$8.59 for each patient, including the sanatoria; excluding the sanatoria, the figure was \$5.79 per patient.

In the case of the sanatoria, the government grant amounted to \$275,183.00 and was equivalent to \$36.22 for each patient admitted.

(d) RELIEF GRANTS (See Report on Medical, Dental and Hospital Relief):

The amount of relief grant earned by hospitals in 1937 amounted to \$155,169.90.

(e) OPERATING COSTS:

The total operating expenditure for 1937 was \$2,726,718.30. In addition, fixed charges were \$284,424.33 and capital expenditure \$36,551.13.

The average cost per patient per day for all hospitals was \$2.35 as compared with \$2.36 in 1936. In union hospitals the cost per patient per day was \$2.03 as compared with \$2.11 in 1936. In the sanatoria the cost was \$2.39, the same as in 1936.

Nokomis Community Hospital showed an operating cost per patient per day of \$8.20, and Lestock St. Joseph's Hospital had an operating cost of \$5.49 per patient per day. These hospitals were added to the list during the latter part of 1937 and were in operation: Nokomis 31 days, Lestock 75 days, during 1937. The cost of opening the hospital would largely account for the high cost per patient per day of these hospitals.

In four of the remaining hospitals the operating costs exceeded \$3.00 per patient per day. These were Carrot River \$3.96, Regina General \$3.22, Ile a la Crosse \$3.12 and Saskatoon City \$3.05.

Thirty-one hospitals had an operating cost between \$1.00 and \$2.00 per patient per day, and two hospitals had an operating cost of less than \$1.00 per patient per day. These were Macklin at 95 cents and Meadow Lake at 74 cents.

The average cost per bed per day was \$1.80. The average annual cost of laundry per bed for 52 hospitals reporting laundry costs was \$22.85.

The average operating costs were apportioned as follows:

	All Hospitals					Union Hospitals				
	1933	1934	1935	1936	1937	1933	1934	1935	1936	1937
Salaries	40%	36%	37%	40%	37%	42%	40%	39%	39%	41%
Food and provisions	19	20	21	18	21	18	20	21	20	21
Power, light and fuel	13	10	12	10	10	14	10	13	11	9
Medical and surgical supplies	8	12	10	12	13	9	13	10	12	12
Laundry	3	3	3	3	3	3	3	3	4	4
Upkeep of buildings and grounds, etc.	9	10	7	9	9	5	6	6	6	5
Miscellaneous expenses	8	9	10	8	7	9	8	8	8	8

(f) SCHEDULE OF CHARGES:

The schedule of charges varies as shown below:

Private ward per day	\$1.75 to \$ 7.00
Semi-private ward per day	1.75 to 4.00
Public ward per day	1.00 to 3.50
Isolation hospital per day	1.50 to 5.50
Case room	2.00 to 10.00
Operating room	1.00 to 15.00
X-ray	1.00 to 25.00
Laboratory .....	.10 to 5.00

9. MISCELLANEOUS AND NON-MEDICAL:

In twenty-four hospitals only pasteurized milk is used. Thirty-nine hospitals have some kind of liability insurance. Sixty-six hospitals do their own laundry.

The secretary treasurer is bonded in forty-six institutions.

R. O. DAVISON, M.D.,
Director of Hospital Management.

H. TABLE I.—COMPARATIVE STATEMENT OF EARNINGS AND EXPENDITURES OF UNION HOSPITALS, 1937.

Hospitals	No. of beds	No. of patients	No. of hospital days	Earnings	Expenditure			Total expenditures	Cost per patient per day	Amount in excess of average operating cost	Amount below average operating cost
					Operating	Maintenance	Administration				
Arcola, Brock	13	292	3,001	\$ 16,006.78	\$ 6,289.39	\$ 231.19	\$1,269.94	\$ 7,790.52	\$2.60	\$1,698.49	\$1,916.69
Assiniboia	18	861	6,774	35,936.19	10,448.68	562.99	822.86	11,834.53	1.75		
Cabri	21	625	6,322	23,736.57	10,185.53	808.41	2,181.01	13,174.95	2.08	341.29	
Davidson	14	306	2,937	10,263.70	6,882.27	480.72	377.43	7,740.42	2.64	1,778.31	
Eatonia	14	323	3,877	9,908.75	7,460.04	347.01	672.98	8,480.03	2.19	609.72	
Edam	23	358	4,782	7,539.76	7,652.20	420.18	927.04	8,999.42	1.88		708.04
Eston	34	942	9,183	24,016.98	16,841.22	635.92	2,131.76	19,608.90	2.14	967.41	
Gull Lake	14	417	4,307	19,538.16	8,333.16	128.00	1,105.57	9,566.73	2.22	823.52	
Indian Head	22	628	6,190	22,912.90	13,191.88	1,655.63	959.53	15,807.04	2.55	3,241.34	
Kelvington	13	284	2,794	9,674.33	5,314.25	297.98	1,339.77	6,952.00	2.49	1,280.18	
Kerrobart	35	548	6,559	16,916.74	11,717.40	392.89	1,195.45	13,305.74	2.03	9.03	
Kindersley	32	746	8,566	25,057.20	17,758.63	418.65	2,408.31	20,585.59	2.40	3,196.61	
Lampman	12	453	5,152	12,650.36	6,078.34	305.99	654.55	7,038.88	1.37	221.51	3,419.68
Lashburn	22	653	9,438	23,516.70	16,776.24	659.74	1,944.67	19,380.65	2.05		
Lloydminster	76	1,611	20,648	48,935.41	32,816.58	2,527.84	5,767.86	41,112.28	1.99		803.16
Oxbow	10	251	2,710	10,858.66	4,780.16	242.37	196.33	5,218.86	1.93		282.44
Rosetown	47	1,068	16,534	53,167.55	29,006.38	1,877.35	3,828.29	34,712.02	2.10	1,148.00	
Rose Valley	15	647	5,376	8,224.15	5,129.82	28.82	287.52	5,446.16	1.01		5,467.12
Shaunavon	34	1,078	10,825	39,551.80	19,927.21	1,197.36	3,008.67	24,133.24	2.23	2,158.49	
Unity	30	518	5,526	22,449.41	9,657.09	341.79	1,991.77	11,990.65	2.17	772.87	
Vanguard	12	224	2,907	9,977.03	6,363.94	185.31	603.04	7,152.29	2.46	1,251.08	
Wadena	32	1,291	15,941	29,408.61	20,990.73	2,249.81	2,189.34	25,429.88	1.60		6,930.35
Wilkie	12	489	4,528	14,747.92	8,171.33	253.11	784.44	9,208.88	2.03	17.04	
Total	555	14,613	164,877	\$494,995.66	\$281,772.47	\$16,249.06	\$36,648.13	\$334,669.66			
Average	24	635	7,169	\$21,521.55	\$12,250.98	\$706.48	\$1,593.40	\$14,550.86	\$2.03		

H. TABLE II.—NURSING STATISTICS FOR SASKATCHEWAN HOSPITALS, 1937.

Hospitals	Bed Capacity			Number of patients treated	Total number of hospital days	Average days' stay in hospital	Average number of patients in hospital daily	Number of doctors practising in hospital	Medical staff	Staff meetings	Internes	Graduate nurses	Nurse nurses	Nursing Staff		Nurses' training school during the year	Affiliation with other hospitals for nurses' training	Dietitian	Liability insurance	Is secretary treasurer bonded?	Has hospital a separate nurses' home?	Is laundry done in hospital or sent out?	Have you by-laws and regulations governing hospital?	Outpatients' department	Number of outpatients		
	General	Isolation	Tuberculosis											Total	M.											F.	Other attendants
Arcola, Brock Union	13			282	3,001	10.3	8.2	5				4		1	2				Yes	Yes	In	Yes	Yes	106			
Assiniboia, Union	18			861	6,774	7.9	18.6	2				5		1	4				Yes	Yes	In	Yes	Yes				
Bengough, Municipal	12			260	2,341	9.0	6.4	2				3		1	1				Yes	Yes	In	Yes	Yes				
Bienfait, Community	10			389	3,558	8.9	9.7	2	Yes	12		5		1	2				Yes	Yes	In	Yes	Yes				
Biggar, St. Margaret's	27	2		535	6,125	11.4	16.8	2	Yes	10		3		1	9				Yes	Yes	In	Yes	Yes	25			
Birch Hills, General	10			11	3,649	11.6	10.0	1				3							Yes	Yes	In	Yes	Yes				
Cabri, Union	20	1		21	6,322	10.1	17.3	2				4							Yes	Yes	In	Yes	Yes	70			
Canora, H.W. Memorial	46	4		50	11,215	8.8	30.9	5	Yes	10		7			6				Yes	Yes	In	Yes	Yes				
Carrot River, Mitchell Memorial	6			50	555	10.7	2.5	2				2			1				Yes	Yes	In	Yes	Yes				
Central Battle, Victorian	12			153	1,201	8.4	3.3	1				2			1				Yes	Yes	Out	Yes	Yes				
Cudworth, St. Michael's	20	4	2	326	3,429	8.7	9.4	2	Yes	12		4			3				Yes	Yes	In	Yes	Yes				
Davidson, Union	13	1		306	2,937	9.6	8.0	3				4			1				Yes	Yes	Out	Yes	Yes				
Dodsland Association	25			25	3,923	14.8	10.7	1				4			1				Yes	Yes	Out	Yes	Yes				
Eatonia, Union	14	2		323	3,877	12.0	10.6	1				3			1				Yes	Yes	In	Yes	Yes				
Edam, Union	23			358	4,782	13.3	13.1	2				4			3				Yes	Yes	In	Yes	Yes				
Elrose, Community	8	2		10	1,894	8.2	5.2	1				2			1				Yes	Yes	In	Yes	Yes				
Estevan	16			16	5,005	9.4	13.7	3				5			2				Yes	Yes	Out	Yes	Yes				
Estevan, Union	30	4		34	9,133	9.7	25.2	2	Yes	3		8			4				Yes	Yes	Out	Yes	Yes	159			
Frontier, Community	12			156	1,476	9.5	4.0	1				2			1				Yes	Yes	In	Yes	Yes				
Gravelbourg, St. Joseph's	47	3	8	58	8,312	13.9	22.8	5	Yes	2		6			8				Yes	Yes	In	Yes	Yes				
Gull Lake, Union	12	2		14	4,307	10.3	11.8	2				4			1				Yes	Yes	In	Yes	Yes				
Hafford	23	3		26	465	11.3	14.4	2	Yes	6		5			1				Yes	Yes	In	Yes	Yes				
Hafford, Community	15	3		15	257	12.0	8.5	3				3			1				Yes	Yes	In	Yes	Yes				
Humboldt, St. Elizabeth's	59	4	5	68	3,091	12.0	8.5	3	Yes	10		7			3				Yes	Yes	In	Yes	Yes	2,926			
Indian Head, Union	22	2		22	628	6,190	9.9	17.0	2	Yes	7	6			3				Yes	Yes	In	Yes	Yes				
Ille a la Croix	20	1	4	25	3,938	12.6	10.8	1				3			3				Yes	Yes	In	Yes	Yes				
Kamsack, General	12	1	1	14	2,688	7.1	7.3	4	Yes	7		3			4				Yes	Yes	In	Yes	Yes	2,700			
Kamsack, King Edward	14			14	690	8.3	15.8	7				3			2				Yes	Yes	In	Yes	Yes				
Kelvington, Union	13			13	2,794	9.8	7.7	1	Yes	6		3			2				Yes	Yes	Out	Yes	Yes	26			
Kerrobert, Union	29	6		35	6,559	12.0	18.0	5				5			3				Yes	Yes	Out	Yes	Yes				
Kineaid, Community	16	2		12	3,717	9.5	10.2	2				8			1				Yes	Yes	In	Yes	Yes				
Kindersley, Union	28	4		33	8,566	11.5	23.5	2				4			2				Yes	Yes	In	Yes	Yes				
Lampman, Union	12			12	5,152	11.4	14.1	4				4							Yes	Yes	In	Yes	Yes				
Lauburn, Union	22	2		22	9,438	14.5	25.9	2	Yes	4		7			3				Yes	Yes	In	Yes	Yes	24			
Leacock, St. Joseph's	10			10	376	7.7	5.0	1				3							Yes	Yes	In	Yes	Yes				
Lloydminster, Union	70	4	2	76	20,648	12.8	56.6	3	Yes	12		13			1				Yes	Yes	In	Yes	Yes				
Maeklin, St. Joseph's	26	4	2	42	9,739	9.3	26.6	4	Yes	6		3			1				Yes	Yes	In	Yes	Yes				

ANNUAL REPORT, 1937

Location	27	5	32	1,267	12,442	9.8	34.1	2	Yes	12	9	2	4	15	181	1	39	46	41	43	15	8,253	292
Maple Creek, General	16	2	18	558	6,424	11.5	17.6	2	Yes	12	5	1	2	2	1	5	5	Yes	Yes	In	Yes	Yes	292
Meadow Lake	44	2	50	1,141	11,204	9.8	30.7	6	Yes	12	9	1	2	2	1	9	9	Yes	Yes	In	Yes	Yes	292
Melville	20	10	30	454	3,552	7.8	9.7	8	Yes	12	5	1	2	2	1	5	5	Yes	Yes	In	Yes	Yes	292
Milton, Community	12	12	24	303	2,987	9.9	8.2	3	Yes	12	3	1	2	2	1	3	3	Yes	Yes	In	Yes	Yes	292
Moose Jaw, General	161	24	15	2,083	48,241	15.6	132.2	21	Yes	12	10	67	3	2	3	10	10	Yes	Yes	Out	Yes	Yes	292
Moose Jaw, Providence	78	20	98	1,878	21,577	11.5	59.1	21	Yes	12	11	34	2	3	12	11	11	Yes	Yes	In	Yes	Yes	292
Moosomin, General	19	19	37	3,850	10.3	10.5	9	9	Yes	8	4	1	2	2	1	4	4	Yes	Yes	In	Yes	Yes	292
Nipawin, Lady Grey	17	17	33	687	5,854	8.5	16.0	4	Yes	8	5	1	2	2	1	5	5	Yes	Yes	In	Yes	Yes	292
Nokomis, Community	10	10	20	9	54	6.0	1.7	1	Yes	10	2	1	2	2	1	2	2	Yes	Yes	In	Yes	Yes	292
N. Battleford, Notre Dame	76	3	79	1,904	21,138	11.1	57.9	9	Yes	10	17	3	14	14	3	17	17	Yes	Yes	In	Yes	Yes	292
Oxbow, Union	10	10	20	251	2,710	10.8	7.4	3	Yes	10	3	1	1	1	3	3	3	Yes	Yes	In	Yes	Yes	292
Ponielx, Gabriel	27	3	30	229	2,418	10.6	6.6	2	Yes	7	2	1	7	7	1	2	2	Yes	Yes	In	Yes	Yes	292
Pr. Albert, Holy Family	117	8	135	2,912	40,879	14.0	112.0	14	Yes	10	28	34	7	37	18	28	28	Yes	Yes	Out	Yes	Yes	292
Prince Albert, Victoria	73	11	84	2,139	26,759	12.5	73.3	12	Yes	10	9	23	1	4	18	9	9	Yes	Yes	Out	Yes	Yes	292
Rabbit Lake, Rose Gill	14	14	28	409	4,221	10.3	11.3	1	Yes	12	2	1	2	2	1	2	2	Yes	Yes	In	Yes	Yes	292
Regina, General	230	30	262	7,660	103,437	13.5	283.4	70	Yes	12	8	105	19	20	35	26	26	Yes	Yes	In	Yes	Yes	292
Regina Grey Nuns'	228	12	250	5,092	68,816	13.8	188.8	60	Yes	10	3	22	90	4	33	22	22	Yes	Yes	In	Yes	Yes	292
Rosetown, Union	46	1	47	1,068	16,534	15.1	45.3	5	Yes	6	11	1	1	1	1	11	11	Yes	Yes	In	Yes	Yes	292
Rose Valley, Union	15	15	30	720	5,183	7.2	14.2	2	Yes	7	3	1	8	8	1	3	3	Yes	Yes	In	Yes	Yes	292
Rosthern, St. John's	18	2	20	150	1,141	7.6	3.1	2	Yes	7	5	1	8	8	1	5	5	Yes	Yes	In	Yes	Yes	292
Rouleau, Community	10	10	20	150	1,141	7.6	3.1	2	Yes	7	5	1	8	8	1	5	5	Yes	Yes	In	Yes	Yes	292
Saskatoon, City	285	26	311	6,323	93,408	14.8	255.9	67	Yes	10	7	39	119	9	33	7	39	Yes	Yes	In	Yes	Yes	1,288
Saskatoon, St. Paul's	219	8	227	4,794	55,095	11.5	150.9	70	Yes	8	3	24	101	27	18	3	24	Yes	Yes	In	Yes	Yes	1,288
Scott, Municipal	16	2	20	925	2,028	9.0	5.6	4	Yes	12	3	1	1	1	1	3	3	Yes	Yes	In	Yes	Yes	60
Shamaton, Union	26	8	34	1,078	10,825	10.0	29.7	2	Yes	12	8	4	6	6	1	8	8	Yes	Yes	In	Yes	Yes	60
Sineaton, W. M. S.	9	9	18	273	2,323	8.5	6.4	1	Yes	12	2	2	1	1	1	2	2	Yes	Yes	In	Yes	Yes	60
Swift Current, General	41	12	53	1,220	13,601	11.1	37.3	5	Yes	12	12	1	1	1	1	12	12	Yes	Yes	In	Yes	Yes	60
Tisdale, St. Therese	48	3	51	1,535	15,210	9.9	41.7	4	Yes	12	7	2	20	20	1	7	7	Yes	Yes	In	Yes	Yes	60
Unity, Union	25	3	30	518	5,526	10.7	15.1	4	Yes	12	4	1	1	1	1	4	4	Yes	Yes	In	Yes	Yes	60
Vanguard, Union	12	12	24	2,907	13.0	8.0	2	2	Yes	11	10	2	4	4	1	10	10	Yes	Yes	In	Yes	Yes	60
Wadena, Union	30	2	32	1,291	15,941	12.3	43.7	4	Yes	11	4	1	1	1	1	4	4	Yes	Yes	In	Yes	Yes	60
Wakaw, Anna Turnbull	19	3	22	661	6,241	9.1	17.1	4	Yes	11	4	2	4	4	1	4	4	Yes	Yes	In	Yes	Yes	60
Watrous, General	50	4	54	798	8,948	11.2	24.5	4	Yes	12	12	1	1	1	1	12	12	Yes	Yes	In	Yes	Yes	60
Whitehead, Community	10	10	20	427	3,908	9.2	10.7	1	Yes	12	4	1	2	2	1	4	4	Yes	Yes	In	Yes	Yes	60
Wilkie, Union	12	12	24	489	4,528	9.3	12.4	3	Yes	12	4	1	2	2	1	4	4	Yes	Yes	In	Yes	Yes	60
Yorkton, Queen Victoria	91	5	96	2,544	25,279	9.9	69.3	8	Yes	10	5	31	5	5	5	5	5	Yes	Yes	In	Yes	Yes	60
Fort Qu'Appelle, San.	6	304	310	3,073	122,468	39.8	338.3	5	Yes	47	23	17	24	24	17	23	23	Yes	Yes	In	Yes	Yes	60
Prince Albert, San.	2	241	243	1,409	86,248	61.2	236.3	4	Yes	41	22	13	19	19	13	22	22	Yes	Yes	In	Yes	Yes	60
Saskatoon, Sanatorium	165	165	330	3,116	66,467	21.3	182.1	4	Yes	41	15	3	16	16	3	15	15	Yes	Yes	In	Yes	Yes	60
Regina Junior Red Cross	28	28	56	159	6,982	43.9	19.1	10	Yes	18	3	2	10	10	3	18	18	Yes	Yes	In	Yes	Yes	60
Red Cross Outposts	74	74	148	1,400	14,741	9.9	40.4	10	Yes	18	18	2	10	10	2	18	18	Yes	Yes	In	Yes	Yes	60
Average	3,153	263	820	84,268	1,184,274	14.1	36.8	40	40	528	24	584	634	156	333	10	181	39	46	41	43	15	8,253

Lucky Lake Red Cross outpost opened July 1, 1937.
 Lloydminster hospital: Saskatchewan patients 659, hospital days 8,675;
 Alberta patients 952, hospital days 11,973.

Lestock hospital opened October 19, 1937.
 Dimsboro Red Cross outpost opened July 1, 1937.
 Endeavour Red Cross outpost opened October 16, 1937.

Garrot River hospital closed September 1, 1937.
 Meadow Lake hospital opened January 1, 1937.
 Nokomis hospital opened December 1, 1937.

Lampman, Union	55	22.1	57	3	98.3	4	1	1	2	4	10	3	2	55	2	1	3	43	100
Lashburn, Union	73	11.2	72	1	98.6	1	5	3	3	12	12	6	3	44	5	1	3	44	97
Lestock, St. Joseph's	14	28.6	13	3	92.8	3	4	2	6	21	24	5	5	101	13	12	4	304	8
Lloydminster, Union	176	10.9	175	3	91.8	6	3	4	20	19	19	3	4	169	6	12	6	179	272
Macklin, St. Joseph's	112	10.7	111	8	95.1	1	1	1	58	3	19	24	1	162	18	20	2	572	774
Maple Creek, General	155	12.2	156	4	98.1	16	4	2	5	2	12	3	4	4	4	3	4	99	110
Meadow Lake	83	14.9	74	1	89.2	1	4	1	5	2	6	2	4	211	9	34	9	207	470
Melfort, Lady Minto	117	10.3	121	4	100.0	15	5	10	6	2	22	8	3	76	11	16	8	86	197
Melville	45	9.9	42	1	91.3	9	5	3	3	6	6	6	1	43	1	1	1	73	119
Mildred, Community	20	6.5	20	1	100.0	1	3	1	1	6	6	6	1	43	1	1	1	73	119
Moose Jaw, General	311	10.1	306	6	96.9	17	34	5	77	33	35	7	47	258	157	53	21	966	1,455
Moose Jaw, Providence	147	7.8	145	4	98.6	17	87	1	27	39	39	8	4	173	24	36	5	232	470
Moosomin, General	25	6.7	22	8	88.0	8	4	2	2	6	3	2	10	115	10	12	4	75	216
Nipawin, Lady Grey	159	23.1	157	3	96.9	1	5	1	1	5	5	4	1	12	12	1	1	233	246
Nokomis, Community	238	12.7	232	7	97.5	7	17	8	18	13	31	16	9	300	36	14	8	473	830
N. Battleford, Notre Dame	48	19.1	46	3	95.8	3	1	1	2	2	14	4	5	30	4	3	2	25	64
Oxbow, Union	43	18.8	41	2	95.3	2	2	2	2	2	2	2	2	25	25	25	2	27	52
Ponteix, Gabriel	199	6.8	196	2	97.5	77	11	8	17	66	45	8	11	465	46	24	19	452	1,006
Prince Albert, Holy Family	263	12.3	259	4	97.0	44	11	4	5	118	30	8	21	250	41	26	6	327	650
Prince Albert, Victoria	71	17.4	66	2	95.0	2	1	1	4	3	3	5	5	44	4	3	2	72	121
Rabbit Lake, Rose Hill	615	8.0	604	7	97.1	116	56	54	33	87	167	27	328	891	441	175	25	2,393	4,135
Regina, General	541	10.8	534	6	97.6	42	25	7	6	45	43	25	19	717	241	78	8	1,479	2,723
Regina, Grey Nuns'	108	10.1	106	1	97.2	6	1	2	4	1	14	13	2	117	10	11	2	189	329
Roseaton, Union	74	11.4	70	3	96.6	2	2	2	1	7	7	6	3	56	5	4	2	169	60
Rose Valley, Union	80	11.1	77	2	96.2	2	2	1	1	4	7	6	3	75	2	2	2	169	246
Rosthern, St. John's	11	7.3	10	1	90.9	1	1	1	1	1	1	1	1	28	3	7	1	38	38
Rouleau, Community	431	6.8	417	9	94.8	55	46	10	14	128	109	67	198	91	92	65	21	2,373	3,291
Saskatoon, City	253	5.3	237	5	91.9	38	21	1	16	62	120	18	70	752	306	68	28	963	2,111
Saskatoon, St. Paul's	46	20.4	45	2	97.9	4	2	2	2	2	8	12	4	7	1	1	1	34	42
Scott, Municipal	111	10.3	108	3	97.3	3	3	3	6	8	8	12	4	108	2	20	9	293	430
Shaunavon, Union	65	23.8	65	1	98.5	1	1	1	1	5	2	2	2	28	28	1	2	19	22
Smeaton, W.M.S.	183	15.0	185	5	98.4	10	11	3	3	54	16	10	19	2	85	32	10	182	310
Swift Current, General	109	7.1	102	5	92.6	25	10	5	30	19	23	13	8	175	67	22	3	345	612
Tisdale, St. Therese	48	9.3	48	2	100.0	12	2	2	13	12	1	2	2	72	9	5	1	114	201
Unity, Union	39	17.4	39	3	100.0	6	3	3	5	5	5	1	1	19	19	6	6	33	58
Vancouver, Union	144	11.2	137	2	95.1	2	21	2	7	14	22	8	6	182	12	15	3	239	451
Wadena, Union	98	14.8	99	1	100.0	9	1	1	1	13	3	5	4	35	3	4	4	127	169
Wakaw, Anna Turnbull	10	3.3	10	1	100.0	1	1	1	1	1	1	6	2	56	3	2	2	59	122
Watrous, Manitou	96	11.3	89	1	97.8	15	3	1	2	5	1	5	8	211	16	10	3	132	402
Weyburn, General	36	8.4	35	1	94.8	15	8	3	5	2	3	2	3	108	2	2	1	139	252
Whitewood, Community	100	20.4	97	7	96.0	7	8	2	2	6	6	2	7	47	6	7	1	43	103
Wilkie, Union	226	8.9	223	3	97.4	6	25	10	2	57	31	18	15	354	68	46	15	727	1,210
Yorkton, Queen Victoria	5	0.2	5	1	100.0	1	1	1	1	1	1	1	1	3	3	6	6	75	84
Fort Qu'Appelle Sub.	1	.....	1	.....	100.0	1	1	1	1	1	1	1	1	1	1	1	1	534	534
Prince Albert Sanatorium	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	598	598
Saskatoon Sanatorium	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47	47
Regina Junior Red Cross	350	25.0	348	4	98.3	5	15	1	2	31	7	1	3	63	6	8	1	144	222
Red Cross Outposts	7,999	9.5	7,856	108	96.9	601	537	2,632	505	3,137	1,712	1,296	180	9,098	1,902	1,104	300	15,615	32,019

Lampman, Union	74	1	400	35	29	...	...	1	...	1	3	...	...	...	...	...	...	...	...	...	4	...	2.2	10
Lashburn, Union	75	...	629	140	30	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	4	...	1.4	0
Lestock, St. Joseph's	77	1	24	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	4	...	2.0	1
Lloydminster, Union	276	...	1,858	483	39	...	7	9	...	...	3	...	...	...	...	...	...	...	...	...	2	...	1.9	31
Macklin, St. Joseph's	205	...	879	267	25	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	3	...	2.2	22
Maple Creek, General	778	...	834	77	1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	3	...	2.8	35
Meadow Lake	90	...	200	45	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1.4	8
Melfort, Lady Minto	371	...	1,150	371	12	...	...	4	...	...	8	...	...	...	...	...	...	...	...	...	9	...	4.5	51
Melville	115	...	113	113	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	3	...	6.2	28
Milden, Community	98	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1.7	9
Moose Jaw, General	680	21	23,505	1,998	6	...	...	5	3	4	10	6	6	6	22	24	30	1.6	5.1	...	...	...	5.1	157
Moose Jaw, Providence	448	5	3,998	467	637	...	1	...	...	...	2	2	5	4	3	7	7	0.6	2.7	...	...	...	2.7	51
Moosomin, General	220	...	112	70	10	...	...	1	...	...	...	4	...	...	1	6	3	2.8	3.8	...	...	...	3.8	14
Nipawin, Lady Grey	192	...	89	89	10	...	...	...	...	1	2	5	1	...	...	7	7	0.4	2.9	...	...	...	2.9	20
Nokomis, Community	3	...	9	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
N. Battleford, Notre Dame	793	6	3,257	610	28	...	...	4	16	1	4	6	2	4	3	9	15	1.1	3.2	...	...	...	3.2	60
Oxbow, Union	60	...	25	25	1	...	...	4	4	1	1	1	1	1	1	2	2	3.1	3.2	...	...	...	3.2	8
Ponteix, Gabriel	52	...	32	12	...	...	...	...	...	...	...	2	1	...	...	1	1	...	...	...	...	...	2.6	6
Prince Albert, Holy Family	811	7	5,601	597	97	...	...	17	10	1	3	8	3	18	6	5	28	0.5	3.6	...	...	...	3.6	104
Prince Albert, Victoria	379	...	2,649	803	59	...	...	2	6	1	3	8	2	5	6	5	27	0.8	3.5	...	...	...	3.5	74
Rabbit Lake, Rose Gill	104	4	467	32	6	...	...	...	...	...	...	5	...	...	1	5	5	...	2.4	...	...	...	2.4	10
Regina, General	2,933	158	27,951	6,299	3,076	...	...	...	...	5	7	24	13	22	75	55	65	1.3	4.0	...	...	...	4.0	303
Regina, Grey Nuns'	1,730	70	13,926	2,562	405	...	...	20	2	4	8	10	5	3	5	32	40	1.2	3.1	...	...	...	3.1	156
Rosetown, Union	313	...	1,410	513	...	...	...	7	...	...	3	5	2	2	2	2	8	0.6	2.3	...	...	...	2.3	25
Rose Valley, Union	74	2	647	...	...	...	...	...	...	...	4	...	...	...	1	1	...	...	2.6	...	...	...	2.6	17
Rothern, St. John's .....	...	3	...	...	...	...	...	...	...	...	5	4	...	...	...	4	...	...	3.8	...	...	...	3.8	27
Rouleau, Community	79	...	...	4	...	...	...	...	...	...	1	1	1	1	1	...	...	...	4.7	...	...	...	4.7	7
Saskatoon, City	1,674	71	27,505	4,153	634	...	...	7	1	10	18	10	...	7	45	53	45	1.7	4.2	...	...	...	4.2	266
Saskatoon, St. Paul's	1,071	55	12,779	9,139	205	...	...	...	...	1	15	2	...	2	19	34	27	1.6	2.9	...	...	...	2.9	139
Scott, Municipal	25	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	0.9	...	...	...	0.9	2
Shaunavon, Union	362	...	...	...	...	...	...	...	...	1	3	1	...	...	7	3	...	...	1.9	...	...	...	1.9	20
Smeaton, W.M.S. .....	...	...	62	...	2	...	...	...	...	...	1	2	...	...	...	7	...	...	3.2	...	...	...	3.2	9
Swift Current, General	174	7	1,784	367	6	...	...	15	28	...	3	7	...	9	4	3	26	1.0	4.6	...	...	...	4.6	56
Tisdale, St. Therese	223	6	2,043	372	25	...	...	1	1	2	2	6	3	4	5	5	16	0.8	3.5	...	...	...	3.5	51
Unity, Union	196	1	37	...	15	...	...	...	...	...	...	...	...	...	1	3	...	...	1.4	...	...	...	1.4	15
Vanguard, Union	37	...	4	...	...	...	...	...	...	...	...	...	...	...	1	1	3	...	3.6	...	...	...	3.6	8
Wadena, Union	338	...	239	392	12	...	...	...	...	...	7	1	...	...	3	7	10	1.6	3.6	...	...	...	3.6	47
Wakaw, Anna Turnbull	267	...	700	90	15	...	...	...	...	2	2	...	...	...	2	...	5	...	2.1	...	...	...	2.1	14
Watrous, Manitou	125	...	350	135	60	...	...	...	...	...	...	...	...	...	1	...	1	...	1.3	...	...	...	1.3	4
Weyburn, General	361	...	...	...	25	...	...	3	...	...	2	2	...	3	6	5	5	1.5	3.0	...	...	...	3.0	24
Whitewood, Community	198	...	...	...	...	...	...	...	...	...	1	2	2	...	2	2	4	0.8	3.0	...	...	...	3.0	13
Wilkie, Union	94	...	...	...	8	...	...	1	2	1	3	1	...	...	...	2	...	...	1.4	...	...	...	1.4	7
Yorkton, Queen Victoria	697	...	5,525	1,121	150	...	...	11	13	...	6	8	...	4	6	8	22	0.7	2.6	...	...	...	2.6	65
Fort Qu'Appelle San.	15	14	12,885	11,061	531	1.9	5.7	5.7	57
Prince Albert Sanatorium	1	5	8,273	2,247	794	3.2	4.5	4.5	45
Saskatoon Sanatorium	164	3	13,567	5,074	155	...	...	14	...	...	...	...	...	...	...	...	1	...	0.6	...	...	...	0.6	19
Regina Junior Red Cross .....	...	...	...	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Red Cross Outposts	236	...	...	65	17	...	...	1	8	...	7	2	...	...	...	16	...	...	2.2	...	...	...	2.2	31
TOTAL	21,687	462	188,804	54,326	10,369	24	75	86	78	45	209	29	89	235	127	141	267	356	605	1.1	3.1	2.607	2,607		

H. TABLE V.—OPERATING COSTS OF SASKATCHEWAN HOSPITALS, 1937.

Hospitals	Cost per patient per day	Cost per bed		Earnings per bed		Percentage of operating costs paid for						
		Per year	Per day	Per year	Per day	Salaries	Food and provisions	Medical and surgical supplies	Fuel, light, power	Laundry	Upkeep buildings, grounds, furniture, etc.	Miscellaneous expenses
Arcola, Brock Union	\$2.60	599.27	\$1.64	\$1,231.29	\$3.37	43	17	12	10	.....	3	15
Assiniboia, Union	1.75	657.97	1.80	1,996.46	5.47	37	21	15	15	.....	5	7
Bengough, Municipal	1.55	303.55	.83	603.76	1.65	42	22	16	10	.....	.....	9
Bienfait, Community	1.67	594.08	1.63	1,037.15	2.90	44	21	6	9	.....	12	8
Biggar, St. Margaret's	1.15	196.23	.54	423.16	1.16	22	25	4	16	2	14	16
Birch Hills, General	1.90	638.77	1.75	1,037.03	2.84	30	27	17	6	.....	1	19
Cabr, Union	2.08	627.58	1.72	1,180.31	3.10	34	20	14	12	.....	6	14
Canora, H. W. Memorial	2.28	514.39	1.41	683.47	1.82	43	19	9	12	1	12	4
Carrot River, Mitchell Memorial	3.06	353.20	1.67	355.38	1.68	57	20	10	4	.....	4	5
Central Butte, Victorian	2.54	253.78	.70	199.73	.55	36	17	11	11	8	14	3
Cudworth, St. Michael's	1.94	255.11	.70	351.21	.96	12	23	6	13	2	17	27
Davidson, Union	2.64	532.89	1.51	733.12	2.01	40	16	11	15	8	6	4
Dodsland, Association	1.93	302.13	.83	477.19	1.31	44	22	8	12	6	2	6
Eatonla, Union	2.19	605.72	1.66	707.77	1.94	55	23	5	7	.....	4	6
Edam, Union	1.88	391.28	1.07	327.82	.90	41	23	7	13	3	5	5
Elrose, Community	1.58	299.39	.82	296.11	.81	35	33	14	9	4	4	3
Estevan	2.48	775.26	2.12	1,048.96	2.87	26	17	20	6	9	14	8
Frontier, Community	2.14	236.57	.64	405.21	1.11	35	20	12	21	8	6	6
Gravelbourg, St. Joseph's	2.07	296.14	.81	447.98	1.23	39	18	3	12	1	13	14
Gull Lake, Union	2.22	683.34	1.87	1,395.58	3.84	45	20	13	14	.....	1	7
Hafford	2.80	565.74	1.55	1,207.60	3.31	54	13	12	11	.....	3	7
Herbert, Community	1.78	366.04	1.00	505.39	1.38	38	26	12	9	.....	3	12
Humboldt, St. Elizabeth's	1.69	392.24	1.07	759.82	2.08	14	31	11	11	1	17	15
Indian Head, Union	2.55	718.50	1.97	1,041.50	2.85	45	17	10	13	.....	10	5
Ille la Crosse	3.12	404.04	1.35	455.57	1.25	22	37	7	18	6	5	5
Kamsack, General	2.07	396.94	1.09	433.39	1.21	40	22	9	9	1	5	14
Kamsack, King Edward	2.72	1,118.83	3.07	1,480.93	4.06	47	13	19	4	.....	9	8
Kelvington, Union	2.49	534.77	1.47	744.18	2.04	40	22	11	11	.....	4	12
Kerrobert, Union	2.03	380.16	1.04	483.24	1.32	36	20	12	14	12	3	8
Kineaid, Community	1.57	487.06	1.24	660.79	1.81	36	25	12	10	.....	3	14
Kindersley, Union	2.40	643.50	1.75	783.04	2.15	48	17	8	17	1	2	7
Lampman, Union	1.37	586.57	1.61	1,054.20	2.89	41	26	11	10	.....	4	8
Ladbarn, Union	2.05	880.94	2.41	1,068.94	2.92	48	21	12	10	1	3	5
Lestock, St. Joseph's	5.49	206.50	2.79	97.99	1.32	34	15	21	2	2	.....	26
Lloydminster, Union	1.99	540.95	1.78	643.89	1.76	31	26	8	8	9	6	12
Macllin, St. Joseph's .....	.95	249.80	.60	578.56	1.59	14	31	8	20	4	9	14
Maple Creek, General	1.84	716.35	1.96	1,305.75	3.58	29	24	20	8	5	8	6
Meadow Lake .....	.79	282.04	.77	463.86	1.27	46	21	6	5	4	13	5

Melfort, Lady Minto	1.92	431.27	1.18	515.19	1.41	45	18	13	11	3	2	10
Melville	2.54	306.67	.82	356.96	.96	43	20	....	12	3	19	3
Mildon, Community	1.90	472.09	1.23	831.29	2.28	44	23	8	15	....	5	5
Moose Jaw, General	2.17	522.88	1.43	751.49	2.06	27	30	12	13	6	8	4
Moose Jaw, Providence	2.00	439.49	1.20	811.92	2.22	22	32	10	19	1	7	3
Moosomin	2.48	501.85	1.37	849.31	2.33	45	18	13	12	2	7	4
Nipawin, Lady Grey	1.18	406.91	1.11	699.33	1.92	57	12	14	4	2	7	4
Nokomis, Community	8.20	44.31	1.43	165.10	5.33	47	7	10	4	....	....	22
North Battleford, Notre Dame	1.74	461.59	1.27	773.11	2.12	33	25	11	11	2	14	4
Oxbow, Union	1.93	521.89	1.43	1,085.87	2.97	33	20	14	6	12	5	10
Ponitex, Gabriel	2.60	209.82	.57	232.52	.64	11	18	3	11	16	16	40
Prince Albert, Holy Family	1.75	529.88	1.45	931.46	2.55	29	22	10	7	3	22	7
Prince Albert, Victoria	2.50	733.07	2.01	1,023.39	2.80	34	25	12	10	3	4	12
Rabbit Lake, Rose Gill	1.23	369.44	1.01	664.33	1.82	32	23	9	5	....	4	7
Regina, General	3.22	872.36	2.39	1,041.06	2.85	46	17	10	10	5	7	5
Regina, Grey Nuns'	2.45	673.30	1.84	926.13	2.26	38	18	9	13	1	13	8
Rosetown, Union	2.10	738.55	2.02	1,131.22	3.10	42	23	8	14	4	5	4
Rose Valley, Union	1.01	366.08	.99	548.28	1.50	50	33	4	8	....	1	3
Roathorn, St. John's	1.64	425.92	1.17	749.76	2.05	35	19	7	15	1	9	14
Rouleau, Community	1.92	219.30	.60	246.80	.67	27	46	7	7	4	7	2
Saskatoon, City	3.05	915.12	2.51	1,215.41	3.33	36	20	16	10	5	9	4
Saskatoon, St. Paul's	2.86	692.76	1.90	997.35	2.73	40	22	8	11	1	10	8
Scott, Municipal	2.15	217.72	.60	249.80	.68	28	25	7	15	....	15	8
Shamavon, Union	2.23	709.21	1.94	1,163.29	3.19	31	28	10	12	3	15	11
Smeaton, W.M.S.	1.99	514.48	1.41	405.09	1.10	65	16	6	5	1	5	2
Swift Current, General	2.62	647.83	1.77	836.47	2.29	47	15	10	9	7	6	6
Tisdale, St. Therese	1.62	482.52	1.32	895.47	2.45	37	19	17	7	1	10	4
Unity, Union	2.17	392.69	1.10	748.31	2.65	41	21	10	18	1	3	9
Vanguard, Union	2.46	596.02	1.63	831.32	2.28	41	17	10	11	8	3	7
Wadena, Union	1.60	794.68	2.18	919.95	2.52	42	17	12	10	3	9	3
Wakaw, Anna Turnbull	1.51	377.59	1.03	585.92	1.50	39	18	12	14	1	13	3
Watrous, Manitou	2.61	692.92	1.90	858.33	2.35	29	19	7	12	4	8	11
Weyburn, General	2.30	380.84	1.04	485.16	1.33	57	14	7	12	1	6	3
Whitewood, Community	1.91	744.77	2.04	1,187.43	3.25	46	20	9	8	....	14	3
Winkle, Union	2.03	767.41	2.10	1,228.99	3.37	46	19	10	11	3	3	7
Yorkton, Queen Victoria	2.14	563.74	1.54	853.63	2.34	29	19	15	17	3	11	6
Sanatoria	2.39	914.57	2.51	917.83	2.51	34	23	7	17	2	10	7
	\$2.35	\$658.15	\$1.80	\$871.91	\$2.39	37	21	10	13	3	9	7

DEPARTMENT OF PUBLIC HEALTH

H. TABLE VI.—EXPENDITURES OF SASKATCHEWAN HOSPITALS, 1937.

Hospitals	Operating										Maintenance				
	Salaries	Groceries, bread, milk, vegetables	Medical and surgical supplies	Fuel, light, power, water, ice	Laundry	Freight, express, cartage	Sundry	Total operating expenditures	Building and grounds upkeep	Furniture and equipment upkeep	Dry goods upk. cp	Sundry	Total maintenance expenditures		
Areola, Brock Union	\$ 2,988.70	\$ 1,267.03	\$ 925.33	\$ 778.55	\$	\$ 48.99	\$ 180.79	\$ 6,289.39	\$	\$ 204.82	\$ 26.37	\$	\$ 231.19		
Assiniboia, Union	4,108.68	2,509.15	1,775.80	1,792.93			262.12	10,448.68	81.87	481.12			562.99		
Bengough, Municipal	1,555.00	817.33	575.51	349.65		67.77	215.86	3,581.15							
Bienfait, Community	2,463.10	1,244.28	343.54	514.62				4,565.54	632.94	85.33		25.00	743.27		
Bizgar, St. Margaret's	300.00	1,809.13	251.66	1,121.32	176.92	16.40	23.33	3,788.70	187.05	358.65	231.20	205.00	981.90		
Birch Hills, General	1,596.61	1,894.44	1,171.51	401.27		222.96	277.31	5,558.13	101.34				101.34		
Cabri, Union	3,757.70	2,653.05	1,773.52	1,542.73	35.47	148.76	274.30	10,183.53	136.89	611.46	60.06		808.41		
Canora, H. W. Memorial	10,353.85	4,791.91	2,394.98	3,108.71	296.43	139.21		21,085.09	2,663.85	306.00	306.00		2,969.85		
Carrot River, Mitchell Memorial	1,209.85	414.02	220.34	82.71		56.59		1,983.51	34.05	46.00			80.05		
Central Butte, Victorian	1,091.45	521.19	326.51	324.55	253.00	18.50		2,455.20	172.70	244.00	5.00		421.70		
Cudworth, St. Michael's	794.06	1,512.40	373.82	872.71	154.10	89.53	376.13	4,172.75	261.18	484.97	141.94		1,141.90		
Davidson, Union	2,931.05	1,262.58	871.28	1,611.09	614.27	4.50	34.50	6,882.27	224.41	256.31			480.72		
Dodsland, Association	2,867.80	1,645.77	604.49	872.17	480.65			6,470.88	10.75	155.19	18.59		181.53		
Eatonla, Union	4,146.58	1,958.47	385.41	589.33			380.15	7,460.04	96.51	122.78	127.72		347.01		
Edam, Union	3,045.51	2,575.81	609.10	1,140.78	281.00			7,652.20	102.64	188.22	119.32		420.18		
Elrose, Community	1,053.95	983.86	431.24	260.41			104.86	2,834.32	123.75				123.75		
Estevan	2,999.32	2,157.12	2,465.45	724.00	1,130.84	42.99	405.15	9,984.97	74.93	96.36	119.86		1,768.25		
Eston, Union	7,894.96	3,314.08	1,663.51	1,760.45	1,619.18	185.58	423.76	16,841.22	371.21	138.84	135.87		635.92		
Frontier, Community	957.00	554.37	355.42	586.73		15.29	56.37	2,525.18	171.37				171.37		
Gravelbourg, St. Joseph's	6,754.19	3,145.61	478.34	2,935.33	95.19	226.34	998.70	13,733.70	430.46	248.24	148.79		2,227.19		
Gull Lake, Union	3,584.24	1,906.52	1,221.42	1,532.75			268.23	8,333.16	40.70	24.17	63.13		128.00		
Hafford	5,134.13	1,933.86	1,769.21	1,378.47		87.08	569.74	11,072.49	169.23	106.80	13.29		460.68		
Herbert, Community	1,898.75	1,421.14	658.30	499.10			195.97	4,673.20	120.74	38.01			172.04		
Humboldt, St. Elizabeth's	3,768.97	8,362.13	2,885.21	2,906.69	276.14	2,109.44	410.50	20,719.08	979.23	540.10	1,361.18		4,569.01		
Indian Head, Union	6,706.20	2,727.21	1,597.11	2,073.55		87.81		13,191.88		533.19	917.59		1,655.63		
Ile a la Crosse	2,747.00	4,511.00	879.34	2,197.15	690.00		661.72	11,726.21	402.25		226.49		628.74		
Kamsack, General	2,245.92	1,231.83	472.93	471.00	70.84	24.63	680.48	5,196.73		95.11	167.94		263.05		
Kamsack, King Edward	4,825.21	2,012.26	3,041.50	585.10		142.56	518.05	11,124.68	656.33	528.32	195.80		1,380.45		
Kelvington, Union	2,104.75	1,497.63	788.05	761.29		76.23	86.30	5,314.25	269.78	28.20			297.98		
Kerrobert, Union	4,256.56	2,658.87	935.70	1,893.26	1,590.00	373.64	9.37	11,717.40	200.48	168.15	24.26		392.89		
Kincaid, Community	2,092.30	1,461.43	728.80	554.76		31.13	664.50	5,532.92		68.26			182.61		
Kinlerley, Union	8,276.46	3,531.44	1,532.45	3,458.56	132.85	101.17	705.70	17,758.53	53.29	353.30	12.06		418.65		
Lampman, Union	2,608.20	1,823.92	740.22	716.27		81.65	108.08	6,078.54	162.00	5.98			305.99		
Lashburn, Union	7,834.95	4,093.67	2,297.72	1,878.70	203.45	67.75	300.00	16,776.24	94.64	455.65	109.45		659.74		
Lestock, St. Joseph's	695.00	314.69	439.72	40.25	48.50	319.21		1,857.40							
Lloydminster, Union	11,185.07	10,466.91	3,057.02	3,402.38	3,650.90		994.30	32,846.58	901.93	531.23	1,094.68		2,527.84		
Macklin, St. Joseph's	1,500.00	2,827.21	743.84	1,842.18	347.37		240.92	7,300.52	244.33	184.81	244.14		865.05		
Maple Creek, General	6,300.50	5,511.54	4,511.42	1,828.00	1,200.00	82.91	471.93	19,966.30	1,211.27	105.28	625.75		1,942.30		
Meadow Lake	2,349.47	1,959.72	299.92	260.78	200.12	40.51	69.60	4,280.13	76.90	441.55			645.45		

H. TABLE VI.—EXPENDITURES OF SASKATCHEWAN HOSPITALS, 1937—Continued.

Hospitals	Operating										Maintenance				Total maintenance expenditures
	Salaries	Groceries, bread, meat, milk, vegetables	Medical and surgical supplies	Fuel, light, power, water, ice	Laundry	Freight, express, cartage	Sundry	Total operating expenditures	Building and grounds upkeep	Furniture and equipment upkeep	Dry goods upkeep	Sundry			
Melfort, Lady Minto	8,293.96	3,897.53	2,778.80	2,457.16	273.11	49.79	1,339.82	18,767.27	475.82	91.01	69.85	.....	636.69	
Metville	3,917.74	1,807.60	1,093.67	1,093.67	.....	.....	.....	4,899.69	398.56	61.89	1,225.09	.....	1,685.54
Milden, Community	2,279.28	1,295.64	466.71	858.06	.....	.....	.....	4,836.68	242.37	.....	.....	296.32	296.32
Moose Jaw, General	24,343.45	31,225.27	12,926.74	13,846.58	6,000.00	.....	.....	88,336.04	1,827.70	2,560.77	1,833.10	1,757.06	7,907.63
Moose Jaw, Providence	8,845.99	13,233.18	4,255.36	8,221.04	606.32	272.69	1,799.21	37,623.09	249.23	1,317.15	1,146.46	260.23	2,907.07		
Moosomin, General	4,074.75	1,761.31	1,211.91	1,195.05	331.55	32.16	14.45	8,431.18	422.99	226.46	.....	.....	643.45
Nipawin, Lady Grey	3,878.00	835.40	944.94	500.21	108.92	47.39	44.09	6,158.95	26.86	435.36	13.35	.....	475.57	
Nokomis, Community	207.50	30.90	45.72	16.68	.....	.....	41.15	341.95	2,099.43	797.46	1,747.61	332.56	4,977.00
North Battleford, Notre Dame	10,284.22	9,512.42	4,120.65	3,863.57	812.67	337.35	140.12	29,071.50	2,099.43	.....	.....	.....	2,099.43
Oxbow, Union	1,744.40	1,027.36	749.09	339.61	608.37	260.33	51.00	4,780.16	242.37	.....	.....	.....	242.37
Ponteix, Gabriel	718.50	1,433.03	197.02	713.04	32.00	44.50	389.52	3,237.61	232.75	417.23	90.15	236.42	970.55		
Prince Albert, Holy Family	19,674.46	15,903.20	7,096.63	4,832.65	2,201.51	1,233.20	652.07	51,290.72	3,590.35	7,236.00	2,968.55	1,799.97	15,394.87		
Prince Albert, Victoria	17,010.97	15,173.48	7,252.74	6,001.79	1,920.00	.....	4,654.85	52,013.83	2,347.79	.....	.....	186.18	2,533.97
Rabbit Lake, Rose Gill	2,504.50	1,295.11	455.26	281.93	.....	.....	163.05	4,609.85	64.93	133.60	.....	.....	198.53
Regina, General	126,840.88	58,243.94	33,899.44	34,107.67	15,506.98	.....	2,482.45	271,081.36	419.77	9,596.87	9,117.71	3,812.92	22,947.27	
Regina, Grey Nuns'	54,365.17	39,386.67	14,703.23	21,927.34	2,148.82	279.98	3,284.33	137,095.54	10,215.73	2,868.43	7,506.56	832.36	21,423.08		
Rosetown, Union	11,901.20	7,871.40	2,918.77	5,058.58	1,253.43	.....	17.85	29,006.38	501.03	1,114.93	261.39	.....	1,877.35
Rose Valley, Union	2,633.60	1,806.81	219.27	452.29	.....	.....	31.17	5,129.82	3.10	25.72	.....	.....	28.82
Rosthern, St. John's	3,000.80	1,636.54	615.73	1,291.30	55.00	.....	.....	6,600.51	286.67	161.73	310.41	13.80	772.61
Rouleau, Community	600.00	1,000.00	150.00	150.00	.....	.....	.....	2,000.00	.....	.....	.....	144.00	144.00
Saskatoon, City	82,813.89	56,988.05	46,841.77	28,101.42	13,326.43	.....	5,186.09	233,057.65	11,304.62	4,654.46	5,112.37	5,279.48	24,350.93	
Saskatoon, St. Paul's	55,101.85	34,877.55	13,257.94	16,984.22	590.36	1,396.91	5,069.27	127,278.10	6,542.58	6,792.34	802.80	1,375.73	15,513.45		
Scott, Municipal	1,523.75	1,068.26	303.27	617.02	.....	.....	.....	3,542.30	191.12	312.72	135.41	36.98	676.23
Shanawson, Union	5,857.60	6,998.48	2,544.71	2,532.08	666.84	.....	1,207.50	19,927.21	339.89	424.66	432.81	.....	1,197.36
Sineaton, W.M.S.	2,994.53	742.36	293.22	234.89	35.16	18.25	33.83	4,362.24	125.16	63.85	17.98	.....	241.37	
Swift Current, General	13,414.75	5,412.44	3,424.79	3,170.68	2,608.80	.....	1,371.94	29,403.10	1,295.30	239.56	756.53	24.90	2,291.39	
Tisdale, St. Therese	8,982.00	4,778.12	4,178.01	1,885.41	324.18	125.35	44.62	20,017.72	1,797.85	1,038.97	848.60	25.00	3,710.32		
Unity, Union	2,695.16	2,326.98	860.42	2,186.00	109.56	180.00	98.97	9,657.09	149.29	121.89	45.61	.....	341.79	
Vanguard, Union	2,635.87	1,319.93	749.75	980.74	600.25	.....	177.40	6,363.94	52.05	133.26	.....	.....	185.31
Wadena, Union	10,143.22	4,232.58	2,929.90	2,478.89	888.60	.....	317.54	20,990.73	917.99	769.68	357.54	204.60	2,249.81	
Wakaw, Anna Turnbull	3,234.00	1,735.76	1,162.37	1,320.82	40.25	90.13	.....	7,583.63	308.59	341.40	583.90	19.78	1,253.67	
Watrous, Manitoba	3,225.14	1,558.85	593.02	1,014.13	376.92	.....	369.47	7,147.53	222.84	159.22	179.73	114.37	667.16	
Weyburn, General	10,764.50	2,806.98	1,349.08	2,546.04	274.71	.....	35.04	17,776.35	482.55	156.16	672.38	7.95	1,313.04	
Whitewood, Community	3,328.13	700.20	650.94	.....	.....	.....	.....	6,137.52	374.34	374.13	.....	296.89	1,045.36
Wilkie, Union	3,792.30	943.15	814.55	960.40	298.51	.....	250.92	8,171.33	184.04	58.00	11.07	.....	253.11
Yorkton, Queen Victoria	13,278.75	10,172.58	8,320.99	9,427.09	1,372.88	.....	339.31	42,911.60	924.34	1,698.15	1,209.45	1,978.89	5,810.83	
Sanatoria	190,875.93	149,895.37	49,509.68	109,613.03	15,950.37	3,737.67	.....	518,682.05	16,792.48	23,012.24	.....	26,000.00	65,804.72
TOTAL	\$865,590.60	\$583,624.73	\$279,075.05	\$340,112.20	\$81,771.72	\$13,093.34	\$40,634.85	\$2,204,502.59	\$76,671.11	\$75,313.64	\$41,284.19	\$51,670.52	\$244,939.46		

H. TABLE VI.—EXPENDITURES OF SASKATCHEWAN HOSPITALS, 1937.

Hospitals	Administration						Total operating, maintenance and administration expenditure	Fixed charges (mortgage and debenture repayments)	Capital expenditure
	Salaries	Office expenses	Telegraph and telephone	Insurance	Sundry	Total administration expenditure			
Arvola, Brock Union	\$ 350.00	\$ 23.00	\$ 204.71	\$ 145.00	\$ 537.23	\$ 1,269.94	\$ 1,255.18	\$	
Assiniboia, Union	300.00	180.20	144.05	154.30	44.31	822.85	4,008.65		
Benough Municipal		30.85	28.20			59.05			
Blenfaul, Community	144.00	106.81	140.24	10.00	230.93	631.98			
Biggar, St. Margaret's	1,200.00	29.45	141.25		922.83	2,293.53			
Birch Hills, General	546.65		288.05	10.80	521.46	1,366.96			
Cabri, Union	729.51	236.05	76.63	154.87	983.95	2,181.01	3,326.37	682.23	
Canora, H. W. Memorial	775.54	347.08	122.50	195.00	224.30	1,664.42			
Carrot River, Mitchell Memorial		37.95			17.68	55.63			
Central Butte, Victorian	90.00	16.60	16.80		45.00	3,045.30			
Cudworth, St. Michael's		30.00	59.51	183.00	1,061.30	1,333.81	6,648.46	1,579.00	
Davidson, Union	120.00	5.00	105.26	124.40	22.77	377.43			
Dockland, Association	450.00		257.50	68.86	190.39	897.89			
Estonia, Union	552.00		47.52		4.60	672.98		244.93	
Elam, Union	620.20	98.78	42.00	57.00	109.06	927.04			
Elrose, Community			35.78			35.78			
Estevan	160.00	190.24			300.72	650.96			
Eston, Union	1,397.60	221.70		283.92	128.54	2,131.76	19,608.90		
Frontier, Community	29.00	40.03	18.50	54.73		142.26	2,838.81	936.42	
Gravelbourg, St. Joseph's		207.81	73.95	691.23	182.20	1,215.19	17,176.88	12,194.92	
Gull Lake, Union	681.85	67.53	114.00	194.90	47.29	1,105.57	9,566.73	3,263.32	
Hafford	2,840.00	336.12				3,176.12	14,709.29		
Herbert, Community	187.50	105.28	61.44	27.60	263.49	645.31	5,490.61		
Humboldt, St. Elizabeth's		135.65	178.81	60.00	709.65	1,284.11	26,672.20	6,441.25	
Indian Head, Union	385.40	12.50	329.77	188.96	32.90	959.53	15,807.01		
Ile a la Crosse							12,354.95		
Kamsack, General		19.89	66.35		11.14	97.38			
Kamsack, King Edward	2,615.57	229.67	188.21	8.43	156.64	3,158.52	15,863.65		
Kelvington, Union	704.92	50.21	82.31	53.98	448.35	1,329.77	6,952.00	692.31	
Kerrobert, Union	480.00	4.25	189.18	384.06	137.96	1,195.45	13,305.74		
Kincaid, Community	25.00	3.03	72.18	12.50	15.50	128.21	5,841.71	378.03	
Kindersley, Union	1,706.80	128.33	101.10	410.85	61.23	2,408.31	20,589.39	66.75	
Lampman, Union	300.00	89.63	35.44	52.50	176.98	654.55	7,038.88	83.89	
Lashburn, Union	1,358.00	81.84	127.16	227.07	150.60	1,944.67	19,380.65	1,874.92	
Lestock, St. Joseph's		67.04	21.18	45.00	74.40	207.62	2,065.92		
Lloydminster, Union	1,705.05	120.00	799.16	310.00	2,333.65	5,767.86	41,112.28	4,810.11	
Macklin, St. Joseph's		92.71	111.66	693.00	167.90	1,065.27	9,231.91		
Maple Creek, General	370.00	324.05	187.24	31.60	151.67	1,074.56	22,923.16		
Meadow Lake		99.39		13.30	38.53	151.22	5,076.80	1,600.00	

H. TABLE VI.—EXPENDITURES OF SASKATCHEWAN HOSPITALS, 1937—Continued.

Hospitals	Administration						Total operating, maintenance and administration expenditure	Fixed charges (mortgage and debenture repayments)	Capital expenditure
	SALARIES	Office expenses	Telegraph and telephone	Insurance	Sundry	Total administration expenditure			
Melfort, Lady Minto	1,437.15	110.89	81.65	197.61	497.58	2,132.34	.....	.....
Melville	.....	.....	.....	.....	.....	.....	.....	.....
Mildred, Community	194.00	3.70	77.17	69.65	125.20	469.12	.....	.....
Moose Jaw, General	3,870.00	1,714.91	938.76	1,180.23	558.26	8,262.16	185.60	.....
Moose Jaw, Providence	848.25	414.82	543.38	371.49	361.92	2,539.86	12,956.36	.....
Moosomin, General	246.00	74.31	110.39	27.90	8.00	460.60	.....	.....
Nipawin, Lady Grey	100.00	.....	.....	50.00	97.66	382.87	.....	.....
Nokomis, Community	.....	36.98	35.21	44.00	3.38	101.11	.....	.....
North Battleford, Notre Dame	1,567.91	50.65	316.79	317.75	401.31	2,654.41	.....	.....
Oxbow, Union	.....	196.33	.....	.....	.....	196.33	.....	.....
Ponteix, Gabriel	.....	25.00	53.58	.....	2,008.00	2,086.58	.....	.....
Prince Albert, Holy Family	1,440.00	1,187.98	619.82	949.07	652.00	4,848.87	.....	.....
Prince Albert, Victoria	4,314.80	928.49	559.57	616.26	610.59	7,029.71	7,650.00	.....
Rabbit Lake, Rose Hill	105.00	65.08	.....	.....	133.63	363.71	.....	.....
Regina, General	26,712.15	4,421.20	2,893.81	426.48	4,757.48	39,211.12	88,104.49	15.03	
Regina, Grey Nuns'	10,505.30	2,318.97	1,709.49	2,445.40	2,427.31	19,906.47	12,890.00	10,093.46	
Rosetown, Union	2,579.50	379.89	146.98	545.03	176.89	3,828.39	.....	.....
Rose Valley, Union	112.40	.....	62.85	11.00	101.27	287.52	.....	.....
Rosthern, St. John's	.....	47.66	47.44	.....	1,050.16	1,145.26	.....	.....
Rouleau, Community	.....	.....	49.00	.....	.....	49.00	.....	.....
Saskatoon, City	20,350.32	2,557.43	2,191.25	969.05	1,124.68	27,192.73	61,512.09	.....
Saskatoon, St. Paul's	8,688.49	1,002.18	1,973.11	1,607.20	1,421.00	14,091.98	39,691.00	.....
Scott, Municipal	116.00	.....	19.87	.....	.....	135.87	.....	.....
Shaunavon, Union	1,640.32	585.04	.....	268.01	515.30	3,008.67	.....	.....
Smeaton, W.M.S.	.....	.....	19.21	.....	7.10	26.31	.....	.....
Swift Current, General	3,133.53	221.94	234.74	151.50	194.33	3,936.04	.....	.....
Tisdale, St. Therese	150.00	353.99	108.80	256.00	11.90	880.69	.....	.....
Unity, Union	1,264.60	.....	209.12	273.70	244.35	1,991.77	.....	.....
Vanguard, Union	300.00	.....	119.02	96.00	88.02	603.04	.....	.....
Wadena, Union	660.00	396.62	167.53	392.16	573.63	2,189.34	.....	.....
Wakaw, Anna Turnbull	400.00	84.45	20.00	98.00	.....	602.45	.....	.....
Watrous, Manitoba	.....	.....	239.06	176.31	94.96	510.33	.....	.....
Weyburn, General	857.50	408.69	.....	170.00	.....	1,476.19	5,651.10	.....
Whitewood, Community	90.00	102.94	71.86	.....	.....	264.80	1,056.88	.....
Wilkie, Union	460.20	24.90	50.57	144.00	104.77	784.44	3,039.17	.....
Yorkton, Queen Victoria	2,375.00	1,012.75	248.12	784.39	975.94	5,396.20	.....	.....
Sanatoria	29,503.19	6,952.40	6,349.71	5,230.67	24,928.65	72,174.62	.....	.....
TOTAL	\$145,010.20	\$30,318.86	\$24,722.25	\$22,865.12	\$54,359.82	\$277,376.25	\$284,424.33	\$36,551.13	

H. TABLE VII.—EARNINGS OF SASKATCHEWAN HOSPITALS, 1937.

Hospitals	Patients' fees charged	Grants from municipalities in which hospital is situated	Grants from other municipalities	Relief grants	Government of Saskatchewan grants	Donations and miscellaneous receipts	Total earnings
	\$	\$	\$	\$	\$	\$	\$
Arvola, Brook Union	9,198.90	457.64	3,193.84	1,664.65	1,500.50	51.25	16,006.78
Assinboia, Union	25,925.39	533.90	2,561.15	3,461.25	3,387.00	57.50	35,936.19
Bengough, Municipal	4,918.20	.....	.....	1,154.45	1,170.50	.....	7,243.15
Bienfait, Community	2,356.65	.....	.....	1,852.00	1,779.00	4,589.86	10,571.51
Biggar, St. Margaret's	9,886.40	427.80	200.00	1,622.25	3,062.50	34.70	15,233.65
Birch Hills, General	9,570.84	.....	.....	12.06	1,824.50	.....	11,407.34
Cabri, Union	13,837.30	315.65	2,662.22	.....	3,161.00	490.10	23,736.57
Canora, H. W. Memorial	22,749.51	139.00	.....	3,270.30	5,637.50	4,667.51	33,193.52
Carrot River, Mitchell Memorial	649.78	.....	.....	.....	267.50	1,215.00	2,132.28
Central Butte, Victorian	824.75	.....	250.85	510.60	600.50	250.10	2,396.80
Cudworth, St. Michael's	6,100.81	.....	.....	652.25	1,714.50	363.91	9,131.47
Davidson, Union	7,855.95	.....	.....	899.20	1,468.50	40.05	10,263.70
Dodsland, Association	7,521.35	.....	.....	1,709.95	1,961.50	737.00	11,929.80
Eatonia, Union	6,099.65	.....	.....	1,854.60	1,838.50	16.00	9,908.75
Edam, Union	4,241.51	.....	.....	881.70	2,391.00	25.55	7,539.76
Elrose, Community	914.60	325.00	440.00	334.50	947.00	.....	2,961.10
Estevan	11,654.19	.....	.....	2,626.65	2,502.50	.....	16,783.34
Eston, Union	14,398.65	.....	.....	2,487.90	4,591.50	2,528.93	24,016.98
Frontier, Community	2,776.50	.....	.....	753.75	738.00	594.31	4,862.56
Gravelbourg, St. Joseph's	15,842.10	.....	.....	4,517.75	4,156.00	1,466.71	25,982.56
Gull Lake, Union	11,700.35	378.61	2,885.31	2,141.00	2,153.50	279.39	19,538.16
Harford	22,143.81	.....	.....	1,051.50	2,629.50	5,572.74	31,397.55
Herbert, Community	4,411.68	20.16	.....	1,549.80	1,545.50	53.75	7,580.89
Humboldt, St. Elizabeth's	29,499.84	600.00	7,775.00	2,096.75	7,897.50	3,798.86	51,667.95
Indian Head, Union	17,491.92	450.00	1,050.00	650.00	3,095.00	175.98	22,912.90
Ile a la Crosse	8,672.00	.....	.....	.....	1,979.00	738.25	11,389.25
Kamsack, General	4,863.42	.....	.....	.....	1,344.00	.....	6,207.42
Kamsack, King Edward	17,797.07	.....	.....	35.20	2,878.00	32.80	20,733.07
Kelvington, Union	7,528.60	251.04	274.17	.....	1,397.00	225.52	9,674.33
Kerrobert, Union	7,366.35	.....	.....	3,132.80	3,279.50	3,138.09	16,916.74
Kineaid, Community	4,046.95	.....	.....	1,962.80	1,858.50	67.17	7,929.42
Kindersley, Union	16,373.06	.....	.....	4,202.25	4,383.00	198.89	25,057.20
Lampman, Union	7,178.55	.....	.....	2,569.45	2,576.00	226.36	12,650.36
Lashburn, Union	18,071.40	.....	.....	726.00	4,719.00	.50	23,516.70
Lestock, St. Joseph's	603.92	.....	.....	188.00	188.00	.....	979.92
Lloydminster, Union	38,825.50	.....	.....	401.25	4,337.50	5,361.16	48,935.41
Maeklin, St. Joseph's	14,415.21	.....	.....	3,743.25	4,860.00	1,281.31	24,299.77
Maple Creek, General	28,984.45	.....	.....	6,351.70	6,221.00	227.00	41,784.15
Meadow Lake	4,484.18	189.90	.....	.....	3,212.00	463.40	8,349.48
Melfort, Lady Minto	14,583.09	.....	3,350.00	.....	5,602.00	2,250.15	25,785.24
Melville	8,751.03	.....	.....	.....	1,776.00	.....	10,527.03
Milden, Community	7,647.76	.....	.....	1,209.25	1,493.50	225.90	9,975.51

Moose Jaw, General	115,698.01	3,000.00	.....	8,036.20	24,420.50	.....	150,248.71
Moose Jaw, Providence	62,365.85	.....	.....	3,874.20	10,788.50	2,539.07	79,558.62
Moosomin, General	11,317.20	400.00	1,700.00	446.15	1,925.00	338.42	16,140.77
Nipawin, Lady Grey	8,673.36	.....	.....	48.60	2,927.00	339.59	11,888.55
Nokomis, Community	288.00	.....	.....	27.00	27.00	1,309.00	1,651.00
North Battleford, Notre Dame	46,871.59	.....	.....	2,530.80	10,569.00	1,104.65	61,976.04
Oxbow, Union	5,826.50	97.02	1,334.94	2,108.30	1,355.00	136.90	10,858.66
Ponitex, Gabriel	2,699.45	.....	.....	1,254.80	1,299.00	1,812.37	6,975.62
Prince Albert, Holy Family	103,311.28	.....	.....	1,996.70	20,439.50	.....	125,747.48
Prince Albert, Victoria	71,493.04	.....	.....	858.50	13,379.50	234.06	85,965.10
Rabbit Lake, Rose Gill	6,343.83	.....	.....	679.70	2,110.50	165.14	9,299.17
Regina, General	341,636.26	.....	.....	3,949.00	51,718.50	986.02	397,683.78
Regina, Grey Nuns'	185,494.81	.....	.....	11,630.65	34,408.00	.....	231,533.46
Rosetown, Union	39,420.86	.....	.....	5,272.30	8,267.00	82.39	53,167.55
Rose Valley, Union	4,531.15	.....	125.00	.....	2,888.00	.....	7,539.15
Rosthern, St. John's	10,242.30	600.00	1,000.00	724.00	2,591.50	137.36	14,995.16
Rouleau, Community	1,443.70	50.00	50.00	352.30	572.00	.....	2,468.00
Saskatoon, City	320,948.20	.....	.....	10,298.65	46,794.00	49.90	378,090.75
Saskatoon, St. Paul's	187,064.53	.....	.....	7,937.55	27,517.50	3,848.99	226,398.57
Scott, Municipal	3,287.65	.....	.....	694.32	1,014.00	.....	4,996.00
Shaunavon, Union	28,049.09	.....	.....	5,511.70	5,412.50	578.51	39,551.80
Sinclair, W.M.S.	2,457.30	.....	.....	.....	1,161.50	.....	3,618.80
Swift Current, General	34,255.89	.....	.....	4,753.20	6,800.50	196.37	46,005.96
Tisdale, St. Therese	36,760.62	.....	400.00	122.00	7,605.00	781.12	45,668.74
Unity, Union	9,136.95	571.62	6,573.73	2,167.25	2,763.00	1,236.86	22,449.41
Vanguard, Union	7,190.40	.....	.....	1,321.00	1,453.50	12.13	9,977.03
Wadena, Union	13,932.95	.....	6,950.10	490.30	7,870.50	64.75	29,408.61
Wakaw, Anna Turnbull	8,005.50	100.00	925.25	885.50	3,120.50	1,604.15	14,540.90
Watrous, Manitou	7,911.25	.....	.....	795.25	1,593.50	.....	10,300.00
Weyburn, General	17,932.56	1,105.77	.....	2,702.65	4,474.00	.....	26,214.98
Whitewood, Community	9,348.10	.....	.....	572.15	1,854.00	.....	11,874.25
Wilkie, Union	10,813.83	.....	.....	1,650.35	2,264.00	19.74	14,747.92
Yorkton, Queen Victoria	68,741.14	.....	.....	.....	12,639.50	567.91	81,948.55
Sanatoria	384,820.85	.....	.....	.....	275,183.00	.....	659,003.85
	\$2,639,585.17	\$10,013.11	\$44,381.56	\$115,995.85	\$712,880.50	\$59,478.01	\$3,612,334.20

Regina Junior Red Cross .....	.....	.....	.....	2,022.75	3,491.00	.....	.....
Red Cross Outposts .....	.....	.....	.....	2,964.85	7,376.50	.....	.....
Alaska .....	.....	.....	.....	181.60	.....	.....	.....
Climax .....	.....	.....	.....	402.50	.....	.....	.....
Empress .....	.....	.....	.....	2,234.40	.....	.....	.....
Medicine Hat .....	.....	.....	.....	1,367.95	.....	.....	.....
North Battleford Isolation .....	.....	.....	.....	.....	291.00	.....	.....
	\$155,169.90			\$155,169.90	\$724,833.00		

H. TABLE VIII.—SASKATCHEWAN HOSPITAL INVESTMENTS AND SCHEDULE OF CHARGES, 1937.

Hospitals	Value of buildings and real estate	Value of furniture and equipment	Schedule of Charges						Isolation hospital	Laboratory
			Private ward per day	Semi-private ward per day	Public ward per day	Case room	Operating room	X-ray		
Arvola, Brock Union	\$ 21,817.68	\$ 6,199.34	\$ 4.00	.....	\$ 2.50	\$ 5.00	\$ 4.00 to 15.00	.....	.....
Assinibola, Union	17,462.98	6,052.46	4.00 and 5.00	\$ 3.50 and 4.00	3.00 and 3.50	5.00	10.00	.....	.....
Bengough, Municipal	4,100.00	500.00	.....	.....	2.10	.....	.....	.....	.....
Bienfait, Community	4,983.13	1,388.59	2.75	2.50	2.50	5.00	3.00 to 10.00	\$ 2.75	.....
Biggar, St. Margaret's	33,700.00	18,269.00	\$ 2.84 and \$ 5	3.00 and 3.50	2.50	5.00	5.00 to 15.00	2.50 and 3.00	\$ 1.50 to 5.00	
Birch Hills, General	5,500.00	1,575.01	4.00	3.50	2.50	7.50	10.00	3.50	.50 to 2.00	
Cabri, Union	16,840.31	2,333.72	3.00 and 3.50	3.00 and 3.50	2.50 and 3.50	5.00	2.00 to 10.00	2.50 and 3.00	.....
Canora, H. W. Memorial	69,229.92	18,460.59	4.00 and 4.25	3.00 and 3.50	2.00 and 2.50	3.00 and 5.00	3.00 to 10.00	2.50 and 3.00	.....
Carrot River, Mitchell Memorial	3,016.53	1,417.46	2.00 and 2.50	.....	.....	2.50	10.00	3.00 and 5.00	.....
Central Butte, Victorian	1,940.00	925.00	1.75	1.75	1.75	5.00	6.00	2.00	.....
Culworth, St. Michael's	21,420.00	2,980.00	3.00	2.00	1.50	3.00 and 5.00	2.00 to 15.00	2.00	.75 to 2.00	
Davidson, Union	3,000.00	1,000.00	3.50	2.50	2.50	5.00	10.00	2.50	.....
Dealsland, Association	4,823.01	3,000.00	3.50	.....	.....	5.00	10.00	.....	.....
Edonia, Union	8,260.37	1,175.68	.....	.....	2.20	.....	.....	.....	.....
Edam, Union	9,103.80	6,332.57	2.50	2.00 and 3.00	2.00 and 3.00	2.50	3.00 to 5.00	.....	.....
Efrose, Community	6,017.07	1,354.21	2.50	2.50	.....	2.50	15.00 to 8.00	2.50	5.00
Estevan	7,600.00	1,500.00	3.50	2.50	2.50	3.00	10.00 to 15.00	2.50	.....
Eston, Union	36,110.17	9,203.40	2.50	1.75 and 2.00	1.75 and 2.00	.....	2.00 to 10.00	5.50	.....
Frontier, Community	12,070.12	2,035.00	.....	.....	2.50	.....	10.00	.....	.....
Gravelbourg, St. Joseph's	114,483.24	26,197.21	4.00	3.00	2.00 and 2.50	5.00	2.00 to 10.00	2.50	.50 to 4.00	
Gull Lake, Union	18,258.63	3,215.85	3.50 and 5.00	3.00 and 4.00	2.50 and 3.50	5.00	3.00 to 5.00	.....	.....
Hafford	21,800.00	9,900.00	3.50	3.00	2.50	5.00	10.00	3.00	.....
Herbert, Community	3,335.44	813.00	3.00	2.50	2.50	3.00	3.00 to 10.00	.....	.....
Humboldt, St. Elizabeth's	79,149.07	12,589.75	3.50 and 4.00	2.50	2.00	3.00	3.00 to 10.00	3.00	1.00 to 5.00	
Indian Head, Union	13,500.00	10,784.04	4.00	.....	.....	5.00	1.00 to 10.00	4.00	.....
Ile la Crosse	69,000.00	3,717.03	.....	.....	2.50	.....	.....	.....	.....
Kamsack, General	9,000.00	3,100.00	3.50	3.00	2.50	2.00 to 5.00	1.00 to 10.00	2.50	.....
Kamsack, King Edward	2,940.00	2,700.00	3.50	3.00	2.50	5.00	10.00	2.50	.....
Kelvington, Union	8,639.42	1,877.68	3.50	2.50	2.50	5.00	5.00 to 10.00	2.50	1.00 to 5.00	
Kerrobert, Union	24,584.22	7,895.58	3.50 and 4.00	2.50 and 3.00	1.50 and 2.00	5.00	1.00 to 12.50	2.50 and 4.50	.....
Kincaid, Community	1,031.72	1,833.29	.....	2.50	2.50	.....	.....	2.50	.....
Kindersley, Union	5,789.58	1,865.00	3.50	2.50	2.50	5.00	3.00 to 10.00	.....	.....
Lampman, Union	14,825.14	741.32	3.00	.....	.....	5.00	5.00 to 10.00	2.00	.....
Lashburn, Union	14,907.59	2,762.08	3.00	.....	2.00	5.00	2.50 to 10.00	3.00	.25 and .50
Lestock, St. Joseph's	2,825.00	1,136.43	3.50	2.50	2.00	5.00	5.00 to 10.00	.....	.....
Lloydminster, Union	31,712.14	13,561.49	2.50 and 3.00	2.25 and 2.75	2.00 and 2.50	3.00	2.00 to 10.00	2.00	.....
MacKlin, St. Joseph's	77,266.26	21,974.71	3.00 and 4.00	2.50 and 3.00	1.50 to 2.50	.....	2.00 to 10.00	2.50	.50 to 2.00
Maple Creek, General	16,540.00	1,548.00	3.50 and 4.00	.....	.....	.....	3.00 to 10.00	2.00	.....
Meadow Lake	8,750.00	4,000.00	3.00	.....	2.50	5.00	5.00 to 10.00	2.50	.....
Melfort, Lady Minto	22,373.97	5,012.97	4.50	3.00	2.50	5.00	2.50 to 10.00	2.50	.....
Melville	10,000.00	2,000.00	2.50	3.00	2.00 and 2.50	5.00	2.50 to 10.00	.....	.....
Milden, Community	9,113.40	3,076.00	2.50	2.50	.....	5.00	5.00 and 10.00	.....	.....

Moose Jaw, General	274,533.00	17,456.68	4.00 to 7.00	3.00	2.00 and 2.50	6.00	3.00 to 10.00	2.00 to 25.00	2.00	1.00 to 5.00
Moose Jaw, Providence	247,950.76	22,350.17	4.00 to 5.00	3.00	1.00 to 2.00	5.00	3.00 to 10.00	3.00 to 15.00	.....	.25 to 3.00
Mossomin, General	14,862.43	914.16	3.50	2.50	2.00	5.00	3.00 to 10.00	3.00 to 10.00	.....	.....
Nipawin, Lady Grey	6,825.70	2,829.06	.....	.....	2.50	.....	3.00 to 10.00	2.00 to 15.00	.....	.....
Nokomis, Community	1,800.00	414.95	3.00	2.50	2.50	5.00	2.50 to 7.00	1.00 to 20.00	.....	1.00 to 5.00
North Battleford, Notre Dame ..	6,235.80	12,310.00	3.00 to 3.50	2.75	1.50 to 2.50	.....	3.00 to 10.00	2.00 to 25.00	.....	.....
Oxbow, Union	4,957.50	1,340.00	.....	.....	2.50	.....	5.00 to 7.50	.....	.....	.....
Ponteix, Gabriel	39,200.00	12,040.00	2.00	1.75	1.75	.....	5.00 to 8.00	2.50 to 10.00	1.75	.....
Prince Albert, Holy Family	196,000.00	114,100.00	4.00 to 5.00	3.50	2.00 and 2.50	10.00	3.00 to 15.00	5.00 to 15.00	2.50	.50 to 3.00
Prince Albert, Victoria	57,000.00	10,000.00	4.00	3.50	2.50	10.00	2.00 to 15.00	1.00 to 25.00	2.50	.50 to 5.00
Rabbit Lake, Rose Gill	6,025.05	2,177.20	.....	.....	.....	.....	.....	.....	.....	.....
Regina, General	900,000.00	57,000.00	4.50 and 5.50	3.25 and 3.75	2.00 and 2.50	8.00	5.00 and 10.00	1.00 to 25.00	2.00 and 2.50	3.00
Regina, Grey Nuns'	471,053.22	76,802.86	5.00 and 5.50	3.25	2.00 and 2.50	5.00	2.00 to 10.00	2.00 to 25.00	2.00 and 2.50	2.00 to 5.00
Rosetown, Union	51,000.00	26,628.85	3.00	3.50	2.50	7.00	5.00 to 15.00	2.00 to 20.00	2.50	.50 to 5.00
Rose Valley, Union	8,350.00	2,473.11	.....	.....	2.00	.....	5.00 and 10.00	.....	.....	.....
Rosthern, St. John's	13,929.00	4,352.19	3.00 to 4.00	2.50 to 3.00	2.00	3.00 to 5.00	3.00 to 15.00	.....	.....	.....
Rouleau, Community	5,000.00	600.00	3.00	3.00	3.00	7.00	7.00	.....	.....	.....
Saskatoon, City	583,914.15	156,397.86	5.00 to 7.50	3.50	1.50 to 2.50	5.00	3.00 to 15.00	2.00 to 25.00	2.00	.50 to 5.00
Saskatoon, St. Paul's	492,206.50	34,137.29	5.00 and 6.00	3.50	2.50	.....	3.00 to 10.00	1.00 to 25.00	1.50 to 2.50	.....
Scott, Municipal	3,000.00	3,000.00	2.50	.....	2.00	.....	3.00 and 5.00	.....	.....	.....
Shanawton, Union	24,257.33	1,165.79	4.50	3.50	3.50	5.00	5.00 and 10.00	.....	3.50	.....
Smecton, W. M. S.	4,500.00	2,500.00	.....	.....	1.75	.....	1.00 to 10.00	.....	.....	.....
Swift Current, General	34,500.00	7,000.00	4.00 to 5.00	3.00 and 3.50	2.50	5.00	3.00 to 10.00	1.00 to 12.00	2.50	.10 to 2.00
Tisdale, St. Therese	59,042.00	18,230.00	3.50 and 4.00	3.00	2.00 and 2.50	5.00	3.00 to 10.00	3.00 to 20.00	2.50	1.00 to 3.00
Unity, Union	26,218.27	3,776.48	3.00	.....	2.00	5.00	12.50	.....	2.00	1.00
Vanguard, Union	15,263.00	5,240.00	4.00	3.00	2.50	5.00	3.00 to 10.00	2.00	2.50	.....
Wadena, Union	36,987.34	3,925.50	4.00	.....	2.50	5.00	2.00 to 10.00	2.00 to 10.00	2.50	.50 to 5.00
Wakaw, Anna Turnbull	16,500.00	4,800.00	3.00	2.00	1.50	5.00	5.00 to 10.00	1.00 to 6.00	1.50	.....
Watrous, Manitou	8,563.34	4,740.09	3.00	.....	2.00	5.00	7.50	3.00 to 5.00	2.50	1.00 to 3.00
Weyburn, General	26,101.62	4,114.19	5.00	4.00	2.50	5.00	7.50 to 12.50	.....	.....	.....
Whitewood, Community	4,865.00	1,259.30	3.00	2.50	2.50	.....	2.50 to 10.00	.....	2.50	.....
Wilkie, Union	13,412.61	1,384.22	3.00	.....	2.00 and 2.50	5.00	2.50 to 10.00	.....	2.50	.....
Yorkton, Queen Victoria	103,231.39	14,499.87	4.50	3.00	2.50	5.00	5.00 to 10.00	3.50 to 5.00	3.00	.50 to 5.00
Sanatoria	2,925,841.61	269,500.00	.....	.....	.....	.....	.....	.....	.....	.....
	\$7,514,380.53	\$1,101,313.28	\$1.75 to 7.00	\$1.75 to 4.00	\$1.00 to 3.50	\$2.00 to 10.00	\$1.00 to 15.00	\$1.00 to 25.00	\$1.50 to 5.50	.10 to 5.00

NORTH BATTLEFORD, *November 14, 1938.*

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

SIR,—

I beg to enclose herewith reports of the Mental Hospital at Battleford, the Mental Hospital at Weyburn and the Psychopathic Ward, Regina, for the year ended April 30, 1938.

These reports will make known to you the work which we have been endeavouring to carry on, and which we have been endeavouring to co-ordinate throughout the province in order to set up a Mental Hygiene programme.

I have to thank you and the Honourable the Minister of Public Health for the kind co-operation and personal interest which you have taken in our endeavours to build up this Mental Health programme.

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, November 14, 1938.

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

SIR,—

I have the honour to submit herewith the twenty-fourth annual report of the North Battleford Mental Hospital.

The work within the hospital has been carried on by all members of our staff with satisfaction to all concerned. It can be said that, by and large, the staff is anxious to be of the best of service to the patients housed within the hospital.

I have, as before, to point out the crowded condition of the hospital, and hope that something may be done in the near future to relieve this congestion.

During the year we have carried on intensive treatment with insulin and metrazol, inducing shock, following the practices outlined by Sakel and Von Meduna.

However, it is too soon, and the number of cases are too few, for us to offer any opinion, but we feel encouraged with some of our cases where the prognosis was not encouraging.

I wish to thank the members of the staff for their co-operation during the year, and I wish to thank you and the Honourable the Minister of Public Health for the keen personal interest taken by you in your effort to make the Mental Hygiene programme a provincial asset and something worthwhile to the people of Saskatchewan.

I have the honour to be, Sir,

Your obedient servant,

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

TABLE NO. 1.—STATISTICS ON TOTAL ADMISSIONS.

Month	Admissions		Paroles		Deaths		Elope-ments		Deport-ations		Trans-fers	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1937												
May	21	12	10	9	6	4	1	....	....	....	....	....
June	23	22	15	10	9	6	4	....	....	....	....	....
July	22	8	15	11	9	4	....	....	....	....	....	....
August	18	16	11	11	5	3	....	....	....	....	....	....
September	13	15	8	8	2	1	....	....	....	....	....	....
October	21	9	10	14	5	1	....	....	....	....	....	....
November	18	11	4	5	5	1	....	....	....	....	....	....
December	18	7	5	10	3	....	....	....	....	....	2	....
1938												
January	19	11	10	4	6	3	....	....	....	....	....	....
February	8	11	2	8	5	1	....	....	....	....	....	1
March	20	14	14	9	3	2	....	....	....	....	....	....
April	22	14	15	12	4	3	1	....	....	....	....	....
Total	223	150	119	111	62	29	6	....	....	....	2	1
Grand total	373		230		91		6		....		3	

TABLE NO. 2.
SHOWING ADMISSIONS, READMISSIONS, DISCHARGES AND DEATHS
COMPARATIVE STATEMENT.

	Male	Female	Total
Number on our register on May 1, 1937.....	923	484	1,407
Admissions:	Male	Female	Total
First admission	182	113	295
Re-admission	41	37	78
Total admissions	223	150	373
Total under our care during year.....	1,146	634	1,780
Discharged or removed:	Male	Female	Total
Paroled	119	111	230
Died	62	29	91
Deported .....	.....	.....	.....
Eloped	6	.....	6
Transferred	2	1	3
Total removed from register during year	189	141	330
Total remaining on register on April 30, 1938	957	493	1,450
Total admissions during the year.....			373
Total paroles during the year			230
Percentage of paroles of admissions.....			61.66%
Males admitted during the year.....			223
Males paroled during the year.....			119
Percentage of paroles of admissions.....			53.36%
Females admitted during the year.....			150
Females paroled during the year			111
Percentage of paroles of admissions.....			74.00%
Total number of cases treated during the year.....			1,780
Total number of deaths during the year.....			91
Percentage of deaths of cases under treatment.....			5.11%

TABLE NO. 3.—COMPARATIVE STATEMENT.

	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
	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	.....

TABLE NO. 3.—COMPARATIVE STATEMENT—Continued.

	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
Elolements	8	22	15	12	14	10	8
Transfers .....	....	2	68	....	1	75	....

	1935-36	1936-37	1937-38
Admissions	432	390	373
Paroles	223	239	230
Deaths	102	75	91
Deportations ..	4	1	....
Elolements	8	8	6
Transfers	4	3	3

TABLE NO. 4.

Age Group	Admissions		Paroles		Deaths	
	M.	F.	M.	F.	M.	F.
10-19	10	9	4	7	2	1
20-29	51	35	33	38	5	4
30-39	39	38	23	21	3	5
40-49	41	38	24	27	11	4
50-59	37	16	23	12	14	4
60-69	26	11	10	6	13	6
70-79	14	3	2	....	9	5
80-89	4	....	....	....	4	....
90 and over	1	....	....	....	1	....
Totals	223	150	119	111	62	29
Grand total	373		230		91	

TABLE NO. 5.—DIAGNOSIS.

Diagnosis	Male	Female
Traumatic psychosis (post-traumatic mental enfeeblement)	2	....
Senile psychoses	24	9
Psychosis with cerebral arteriosclerosis	29	13
General paralysis	15	1
Psychosis with cerebral syphilis	1	....
Psychosis with brain tumour .....	....	1
Psychoses with other brain or nervous diseases:		
Tabes dorsalis	1	....
Encephalitis lethargica	1	1
Other diseases	1	....
Alcoholic psychoses:		
Acute type	1	....
Psychoses with other somatic diseases:		
Cardio-renal disease .....	....	1
Other diseases	4	6

TABLE NO. 5.—DIAGNOSIS—Continued.

Diagnosis	Male	Female
Manic depressive psychoses:		
Manic type	8	9
Depressed type	5	8
Other types	6	8
Involucional melancholia	4	8
Dementia Præcox (Schizophrenia)	80	55
Epileptic psychoses	4	5
Psychoneuroses and neuroses:		
Hysterical type	1	2
Psychasthenic type	4	2
Neurasthenic type	1	4
Psychosis with psychopathic personality .....	.....	1
Psychosis with mental deficiency	2	.....
Undiagnosed psychoses	2	9
Without psychoses:		
Epilepsy without psychosis	2	.....
Alcoholism without psychosis	11	.....
Drug addiction without psychosis .....	.....	3
Psychopathic personality without psychosis	1	.....
Mental deficiency without psychosis	12	2
Other conditions	1	2
	223	150

TABLE NO. 6.—NATIVITY OF ADMISSIONS.

Country	Male	Female	Country	Male	Female
Austria	7	4	Ireland	5	2
Belgium	3	1	Italy	1	1
Canada	99	80	Norway	7	2
China	2	2	Poland	8	9
Denmark	3	2	Russia	13	9
England	29	9	Scotland	5	5
Finland .....	.....	1	Sweden	3	.....
France	1	.....	Switzerland	1	.....
Germany	6	2	Ukraine	1	1
Hungary	2	.....	U.S.A.	26	19
Iceland .....	.....	1	Not determined	1	.....
	223	150			
				373	

TABLE NO. 7.

The following statistics apply to military patients received during the year 1937-38.

No.	Nativity	Age	Civil Condition	Mental Diagnosis
1	England	41	Married	General paresis of the insane
2	Ireland	47	Married	Schizophrenia, hebephrenic type
3	Scotland	40	Married	Schizophrenia, paranoid type
4	Canada	46	Married	Schizophrenia, catatonic type
5	Scotland	46	Married	Undiagnosed
6	Canada	40	Married	General paresis of the insane
7	Canada	43	Married	Schizophrenia, paranoid
8	Belgium	54	Married	Left open
9	Canada	37	Married	Cerebrospinal syphilis
10	Isle of Man	50	Single	General paresis of the insane
11	Canada	40	Married	General paresis of the insane

Remaining in hospital on April 30, 1937	113
Number admitted during the year	11
Total	124
Paroled during the year	8
Died during the year	1
Deported during the year	
Eloped during the year	
Transferred during the year	
Removed from register during the year	9
Remaining in hospital on April 30, 1938	115

TABLE NO. 9.—DEATHS DURING THE YEAR 1937-38.

No.	Sex	Age	Immediate Cause of Death	Predisposition
1	F.	28	Tuberculous pneumonia and pulmonary tuberculosis	Schizophrenia, catatonic type
2	F.	49	Lobar pneumonia	Manic depressive, alternating type
3	M.	67	Chronic pericarditis and arteriosclerosis	Cerebral arteriosclerosis
4	M.	67	Chronic myocarditis	General paralysis of the insane
5	M.	46	Softening of the brain	Toxic psychosis due to drinking alcohol
6	M.	40	Lobar pneumonia	General paralysis of the insane
7	F.	60	Lobar pneumonia	Manic depressive, depressed
8	M.	53	Lobar pneumonia and dilatation of the heart	General paralysis of the insane
9	F.	30	Acute myocarditis	Manic depressive, acute mania
10	M.	29	Lobar pneumonia	Schizophrenia, catatonic
11	M.	40	Tumour of the mediastinum	Without psychosis—not insane
12	M.	83	Chronic myocarditis and arteriosclerosis	Psychosis with cerebral arteriosclerosis.
13	M.	24	Pulmonary tuberculosis	Schizophrenia, catatonic
14	M.	33	Pulmonary tuberculosis and tuberculosis of the brain	Psychosis with other brain or nervous disease—Tubercular meningitis
15	F.	63	Softening of the brain	Cerebral arteriosclerotic psychosis
16	F.	67	Multiple cerebral hæmorrhage and arteriosclerosis	Cerebral arteriosclerotic psychosis

TABLE NO. 9.—DEATHS DURING THE YEAR 1937-38—Continued.

No.	Sex	Age	Immediate Cause of Death	Predisposition
17	M.	74	Chronic myocarditis and general arteriosclerosis	Senile dementia
18	M.	83	Chronic endocarditis and arteriosclerosis	Senile psychosis
19	F.	78	Chronic myocarditis and arteriosclerosis	Arteriosclerotic psychosis
20	M.	47	Lobar pneumonia	Schizophrenia, catatonic
21	F.	49	Pulmonary tuberculosis	Manic depressive, manic
22	M.	56	Paresis	General paralysis
23	F.	39	Multiple cerebral subarachnoid hæmorrhages due to acute psychosis	Undiagnosed
24	F.	54	General arteriosclerosis	Psychosis associated with other somatic disease, chronic nephritis and arteriosclerosis
25	M.	51	Pulmonary tuberculosis	Schizophrenia
26	M.	40	Paresis	General paralysis of the insane
27	M.	64	Paresis	General paralysis of the insane
28	F.	74	Atheroma of coronary artery with rupture of heart wall	Schizophrenia
29	F.	20	Acute myocarditis	Schizophrenia, hebephrenic
30	M.	76	Empyema	Senile dementia
31	M.	60	Chronic endocarditis	Psychosis with cerebral arteriosclerosis
32	M.	74	Suicide by hanging	Schizophrenia
33	F.	24	Lobar pneumonia	Manic depressive, manic
34	M.	65	Bronchopneumonia	Senile psychosis
35	M.	66	Hæmorrhage of the brain	Arteriosclerotic psychosis
36	M.	55	Embolism and thrombosis of the coronary arteries	Schizophrenia
37	M.	55	Softening of the brain	General paresis of the insane
38	F.	75	Chronic myocarditis and arteriosclerosis	Without psychosis, arteriosclerosis
39	M.	52	Acute bronchopneumonia, chronic mental disease	Manic depressive, depressed type
40	M.	43	Chronic myocarditis	Epileptic psychosis
41	F.	76	Chronic myocarditis and arteriosclerosis	Senile psychosis
42	M.	61	Paresis and chronic myocarditis	General paresis of the insane
43	F.	50	Arteriosclerosis	Arteriosclerotic psychosis
44	F.	51	Bronchial asthma, fatty degeneration of the heart	Epilepsy
45	M.	56	Auricular fibrillation and mitral and aortic stenosis	Psychosis associated with other somatic disease—arteriosclerosis and chronic heart disease
46	M.	47	Brain tumour	Brain tumour
47	M.	66	Cerebral hæmorrhage	Left open
48	F.	82	Lobar pneumonia	Cerebral arteriosclerotic psychosis
49	M.	59	Cerebral hæmorrhage	General paralysis of the insane
50	M.	29	Acute bronchopneumonia	Mental deficiency without psychosis
51	M.	67	Chronic myocarditis and general arteriosclerosis	Psychosis with cerebral arteriosclerosis.
52	F.	67	Lobar pneumonia	Manic depressive, recurrent
53	M.	60	General arteriosclerosis	Cerebral arteriosclerotic psychosis
54	M.	75	Pulmonary thrombosis	Arteriosclerotic psychosis
55	M.	98	Bronchopneumonia	Arteriosclerotic psychosis
56	M.	56	Lobar pneumonia	Epilepsy on a mental defective base
57	M.	57	Cerebral softening	Senile psychosis
58	M.	47	Lobar pneumonia	Schizophrenia
59	M.	65	Softening of the brain	Psychosis with cerebral arteriosclerosis

TABLE NO. 9.—DEATHS DURING THE YEAR 1937-38—Continued.

No.	Sex	Age	Immediate Cause of Death	Predisposition
60	F.	27	Paralytic ilius due to ulceration and suppurative involvement of the stomach and intestines	Schizophrenia, hebephrenic type
61	M.	88	Chronic myocarditis	Senile psychosis
62	M.	50	Lobar pneumonia	Cerebral arteriosclerotic psychosis
63	M.	61	Pyelonephritis resulting from uræmia	Cerebral arteriosclerotic psychosis
64	M.	72	Cellulitis left arm, originating from ulceration — small sore on back of hand	Senile psychosis
65	M.	19	Pulmonary tuberculosis	Mental deficiency without psychosis
66	F.	61	Chronic myocarditis	Psychosis with cerebral arteriosclerosis
67	M.	44	Dilatation of the heart due to acute alcoholism	Acute alcoholic psychosis—delirium tremens
68	M.	41	Syphilis of the nervous system..	Psychosis with other brain or nervous disease—tabes dorsalis
69	F.	51	Chronic myocarditis	Psychosis with other somatic disease—uræmia
70	M.	80	Arteriosclerosis	Senile psychosis
71	F.	19	Pulmonary tuberculosis	Epilepsy on a defective base
72	M.	93	Chronic myocarditis	Senile psychosis
73	M.	58	Septic sore throat	Arteriosclerotic psychosis
74	F.	32	Dementia præcox	Dementia præcox
75	M.	50	Lobar pneumonia	Involuntional melancholia
76	M.	35	Hæmorrhage of the brain	General paralysis of the insane
77	M.	50	Lobar pneumonia	Manic depressive, manic type
78	M.	14	Acute myocarditis	Schizophrenia, catatonic
79	M.	70	Chronic myocarditis	Cerebral arteriosclerotic psychosis
80	M.	67	Chronic myocarditis and arteriosclerosis	Senile psychosis
81	F.	65	Cerebral hæmorrhage	Psychosis associated with other somatic disease—cardiovascular syphilis
82	M.	21	Acute myocarditis	Schizophrenia, hebephrenic type
83	M.	20	Acute dilatation of the heart	Manic depressive psychosis, manic type
84	F.	47	Brain tumour (pituitary)	Left open
85	M.	55	Carcinoma of the pylorus	Schizophrenia
86	M.	74	Acute pericarditis	Cerebral arteriosclerotic psychosis
87	F.	36	Pulmonary tuberculosis	Dementia præcox—paranoid type
88	M.	75	Cerebral hæmorrhage and bronchopneumonia	Senile dementia
89	M.	59	Acute and chronic myocarditis..	Mental deficiency without psychosis
90	F.	39	Exhaustion of acute psychosis..	Manic depressive, alternating type
91	F.	43	Pulmonary tuberculosis	Manic depressive

TABLE NO. 10.—RACE OF ADMISSIONS.

Race	Male	Female	Race	Male	Female
Austrian	9	3	Negro	1	....
Belgian	3	....	Norwegian	15	5
Chinese	3	....	Polish	7	5
Czecho-Slovakian .....	....	....	Roumanian	1	....
Danish	5	2	Russian	13	19
Dutch	1	4	Scotch	21	26
English	44	28	Swedish	6	....
Finnish .....	....	1	Swiss	1	....
French	12	11	Ukrainian	5	15
German	31	11	Welsh	1	1
Hebrew	2	....	Undetermined	15	9
Hungarian	1	....		
Icelandic	1	1	Totals	223	150
Indian (N. Amer.)..	1	....		
Irish	23	8			
Italian	1	1			373

The Mental Hospital, Weyburn

WEYBURN, October 5, 1938.

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

SIR,—

I have the honour to submit for your consideration the seventeenth annual report of the Saskatchewan Mental Hospital, Weyburn, for the year ended April 30, 1938.

At that date our total population was 1,895, of which 1,177 were male patients and 718 were female patients. This was an increase in population of 115 patients for the year. Of this net increase, 48 were mental defectives.

Considerable rearranging has been done in the past year of wards, work shops and various offices in an effort to utilize to the best advantage what space we have, with due regard to the segregation of the different types of psychoses.

A start was made in the use of insulin and metrazol shock treatment. With regard to the insulin shock treatment, this was confined to the male side of the institution and included a number of patients treated at the urgent request of relatives, some of these people having been inmates of the institution for quite a number of years. A total of 26 male patients were treated and of these, at the end of our financial year, 10 had been paroled or were ready for parole; 3 had definitely improved but were not a type for parole; 2 showed temporary improvement, and the remaining 11 showed no particular change and included, without exception, cases of long standing.

In the metrazol series, 15 male patients were treated and 35 female patients. Of the male patients treated, at the end of the financial year 6 had been paroled or were ready for parole; 2 showed encouraging improvement; 3 had improved for a short time and lapsed again, and 6 had shown no improvement. Of the 35 female patients treated, including some cases of long standing, at the end of the financial year 11 had been paroled or were ready for parole; 4 showed some improvement; 1 had improved and lapsed again, and 17 showed no change. While various types were treated, the best results were obtained in cases of schizophrenia, catatonic type, and the results have been sufficiently satisfactory to warrant the continuation of this treatment.

Yours respectfully,

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

TABLE NO. 1.—STATISTICS FOR OTHER THAN MENTAL DEFECTIVES.

Month	Admissions		Paroles		Deaths		Elopes-ments		Deport-ations		Trans-fers	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1937												
May	16	9	5	6	1	4	1	.....	.....	.....	.....	.....
June	9	13	2	4	3	3	.....	.....	.....	.....	.....	.....
July	15	11	2	9	2	1	1	.....	.....	.....	.....	.....
August	10	10	6	4	5	3	1	.....	.....	.....	1	.....
September	22	6	6	5	2	3	1	.....	.....	.....	.....	.....
October	11	12	5	1	2	4	.....	.....	.....	.....	.....	.....
November	13	7	1	4	5	1	.....	.....	.....	.....	.....	.....
December	13	9	3	7	1	3	1	.....	.....	.....	.....	.....
1938												
January	7	10	5	2	7	.....	.....	.....	.....	.....	.....	.....
February	12	14	5	7	5	3	.....	.....	.....	.....	.....	.....
March	10	9	6	9	4	2	.....	.....	.....	.....	.....	.....
April	13	7	13	7	4	3	.....	.....	.....	.....	.....	.....
Total	151	117	59	65	41	30	5	.....	.....	.....	1	.....
Grand total	268		124		71		5		.....		1	

TABLE NO. 1A.—STATISTICS FOR MENTAL DEFECTIVES.

Month	Admissions		Paroles		Deaths		Elopes-ments		Deport-ations		Trans-fers	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1937												
May	5	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
June	5	5	.....	.....	1	1	.....	.....	.....	.....	.....	.....
July	5	4	1	1	1	.....	.....	.....	.....	.....	.....	.....
August	5	3	1	2	1	.....	.....	.....	.....	.....	.....	.....
September	5	7	2	2	1	.....	.....	.....	.....	.....	.....	.....
October	12	4	2	.....	3	2	.....	.....	.....	.....	.....	.....
November	5	3	1	.....	3	1	.....	.....	.....	.....	.....	.....
December	9	2	3	2	2	2	.....	.....	.....	.....	.....	.....
1938												
January	1	2	.....	.....	1	2	.....	.....	.....	.....	.....	.....
February	1	4	2	1	3	.....	.....	.....	.....	.....	.....	.....
March	2	2	1	.....	3	.....	.....	.....	.....	.....	.....	.....
April	6	3	.....	3	2	1	.....	.....	.....	.....	.....	.....
Total	61	43	15	11	21	9	.....	.....	.....	.....	.....	.....
Grand total	104		26		30		.....		.....		.....

TABLE NO. 2.

TABLE SHOWING ADMISSIONS, READMISSIONS, DISCHARGES AND DEATHS.
COMPARATIVE STATEMENT.

	Male	Female	Total
Number on our register April 30, 1937.....	1,106	674	1,780
Admissions:	Male	Female	Total
First admissions	178	132	310
Re-admissions	32	27	59
Transfers	2	1	3
Total admissions	212	160	372
Total under our care during year.....	1,318	834	2,152
Separations during year:	Male	Female	Total
Paroled	74	77	151
Died	62	39	101
Deported .....	.....	.....	.....
Eloped	5	.....	5
Total removed from register.....	141	116	257
Total remaining on register.....	1,177	718	1,895
Total admissions during year (Psychotic).....			268
Total paroles during year (Psychotic).....			132
Percentage of paroles of admissions.....			49.246%
Males admitted during year.....			151
Males paroled during year.....			65
Percentage of paroles of admissions.....			43.046%
Females admitted during year.....			117
Females paroled during year.....			67
Percentage of paroles of admissions.....			57.264%
Total number of cases under treatment.....			2,152
Total number of deaths during year.....			101
Percentage of deaths of cases under treatment.....			4.693%
Defective male admissions.....			61
Defective male paroles.....			15
Percentage of paroles of admissions.....			24.59%
Defective female admissions.....			43
Defective female paroles.....			11
Percentage of paroles of admissions.....			25.58%

TABLE NO. 3.—COMPARATIVE STATEMENT.

	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27
Admissions	607	341	254	270	271	275
Paroles	21	146	113	112	143	138
Deaths	11	90	58	60	65	67
Deportations	2	6	10	11	15	13
Eloperments .....	.....	5	7	1	1	3
Transfers .....	.....	1	3	.....	.....	.....
Total	573	666	729	815	862	916
	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33
Admissions	240	385	307	395	285	245
Paroles	100	121	137	124	105	93
Deaths	68	96	70	59	79	77
Deportations	17	24	21	24	15	7
Eloperments	6	4	1	1	2	6
Transfers .....	.....	.....	.....	.....	.....	.....
Total	965	1,005	1,083	1,270	1,354	1,416
	1933-34	1934-35	1935-36	1936-37	1937-38	
Admissions	332	318	303	374	372	
Paroles	108	139	142	159	150	
Deaths	97	103	80	95	101	
Deportations	10	2	2	.....	.....
Eloperments	8	9	5	4	5	
Transfers .....	.....	.....	.....	.....	1	
Total	1,526	1,590	1,664	1,780	1,895	

TABLE NO. 4.

Age Group	Admissions		Paroles		Deaths		Eloperments	
	M.	F.	M.	F.	M.	F.	M.	F.
1- 9	20	7	1	.....	4	2	.....	.....
10-19	33	31	13	12	10	7	.....	.....
20-29	45	31	20	21	10	7	1	.....
30-39	26	30	10	14	8	4	2	.....
40-49	32	29	8	12	4	4	.....	.....
50-59	31	17	13	12	9	5	2	.....
60-69	13	8	8	4	5	5	.....	.....
70-79	6	5	.....	1	7	5	.....	.....
80-89	6	1	1	1	5	.....	.....	.....
90-99 .....	.....	1	.....	.....	.....	.....	.....	.....
Total	212	160	74	77	62	39	5	.....
Grand total	372		151		101		5	

TABLE No. 5.—DIAGNOSIS.

Diagnosis	Male	Female
Alcoholic psychosis .....	.....	.....
Epileptic psychosis	4	3
General paralysis of insane	13	1
Involutional melancholia	3	6
Manic depressive psychosis:		
Manic type	6	13
Depressive type	5	6
Not differentiated .....	.....	1
Psychoneurosis and neurosis:		
Neurasthenic type	1	1
Psychasthenic type	1	1
Hysterical type .....	.....	2
Psychosis with cerebral arteriosclerosis	15	13
Psychosis with cerebral syphilis	2	.....
Psychosis with brain tumour .....	.....	1
Psychosis with Huntingdon's chorea	1	.....
Psychosis with other somatic diseases:		
Encephalitis lethargica	4	3
Cerebral embolism .....	.....	1
Psychosis with other somatic diseases:		
Cardio vascular	1	.....
Toxic throat .....	.....	1
Influenza	1	.....
Diabetes	1	.....
Carcinoma .....	.....	1
Pulmonary tuberculosis	1	.....
Cholecystitis and hypernephroma .....	.....	1
Psychosis with psychopathic personality	1	.....
Psychosis with mental deficiency	3	4
Senile psychosis:		
Senile type	9	2
Pre-senile type	2	.....
Schizophrenia:		
Catatonic type	24	16
Simple type	2	1
Hebephrenic type	20	14
Paranoid type	11	15
Not differentiated	9	6
Paranoia	1	.....
Without psychosis:		
Without psychosis alcoholism	3	.....
Mental deficiency	61	43
Psychopathic personality	2	1
Epilepsy	2	.....
Other conditions	1	2
Drug addiction .....	.....	1
Undiagnosed psychosis	2	.....
Totals	212	160

TABLE NO. 6.—NATIVITY OF ADMISSIONS.

Country	Male	Female	Country	Male	Female
Austria	13	3	Poland	4	5
Australia .....	.....	.....	Roumania .....	.....	.....
Bohemia .....	.....	1	Russia	4	9
Bukovina	1	.....	Scotland	4	2
Canada	121	96	Sweden	6	1
Belgium	2	2	Switzerland	1	.....
Czechoslovakia	1	1	Syria .....	.....	.....
China	3	.....	Ukraine	1	.....
England	13	15	U.S.A.	23	15
Finland	1	2	Unknown	3	1
Galicia	3	.....		
Germany	2	2	Total	212	160
Hungary	1	2			
Italy	1	.....		
Ireland	2	2			
Norway	2	1			
					372

TABLE NO. 9.—DEATHS DURING THE YEAR 1937-38.

No.	Sex	Age	Immediate Cause of Death	Predisposition
1	M.	76	Hypostatic pneumonia, psychosis and arteriosclerosis	Senile psychosis
2	F.	71	Exhaustion of psychosis, paralysis agitans and arteriosclerosis	Psychosis with paralysis agitans
3	F.	66	Oedema of lung, general infection, myocarditis	Senile psychosis
4	F.	67	Myocarditis	Psychosis with cerebral arteriosclerosis
5	F.	47	Pulmonary tuberculosis	Schizophrenia
6	M.	67	Hypostatic pneumonia, chronic myocarditis	Manic depressive, manic
7	F.	54	Exhaustion of psychosis	Involutional melancholia
8	F.	36	General toxæmia	Schizophrenia, hebephrenic
9	F.	30	Friedreich's ataxia	Psychosis with Friedreich's ataxia
10	F.	17	Pyelonephritis	Without psychosis, mental deficiency, idiocy
11	M.	10	Exhaustion following chickenpox and influenza	Mental deficiency, idiocy
12	M.	34	Exhaustion of psychosis	Schizophrenia, catatonic
13	M.	62	Aortitis and aneurysm (cerebro-syphilis)	Psychosis with cardio-vascular disease
14	M.	70	Myocarditis	Psychosis with cerebral arteriosclerosis
15	M.	19	Pulmonary tuberculosis, epilepsy	Mental deficiency, imbecile
16	F.	59	Generalized carcinomatosis of breast	Senile psychosis
17	M.	52	Acute œdema of lungs	Schizophrenia, paranoid
18	M.	64	Acute œdema of lungs, myocarditis	Schizophrenia, hebephrenic
19	F.	49	Myocarditis and exhaustion of psychosis	Involutional melancholia
20	F.	20	Hemiplegia, astrocytoma of brain	Psychosis with brain tumour
21	M.	55	Acute pulmonary tuberculosis	Psychosis with pulmonary tuberculosis
22	M.	22	Exhaustion	Epileptic psychosis
23	M.	28	Acute pulmonary tuberculosis	Schizophrenia, catatonic
24	M.	12	Amaurotic family idiocy, pelizæus type	Amaurotic family, idiocy, pelizæus type
25	M.	45	Death by hanging, suicide whilst of unsound mind	Manic depressive, manic
26	F.	41	Status epilepticus	Epileptic psychosis
27	F.	65	Exhaustion	Schizophrenia, hebephrenic

TABLE NO. 9.—DEATHS DURING THE YEAR 1937-38—Continued.

No.	Sex	Age	Immediate Cause of Death	Predisposition
28	F.	53	Pneumonia and lung abscess	Involutional melancholia
29	M.	72	Nephritis, supra-pubic drainage for complete urethral obstruction	Traumatic psychosis
30	M.	59	Myocarditis (chronic), syphilis	General paralysis
31	M.	10	Exhaustion, cerebral meningitis, encephalitis	Mental deficiency, idiot
32	F.	19	Exhaustion, acute manic disturbance	Manic depressive, manic
33	M.	7	Bronchopneumonia	Mental deficiency, idiot
34	M.	36	Exhaustion of epileptic convulsions	Epileptic psychosis
35	F.	2	Bronchopneumonia, congenital debility	Mental deficiency
36	F.	77	Cardiac decompensation	Senile psychosis
37	F.	38	Subacute cholecystitis	Manic depressive, manic
38	M.	47	Exhaustion of acute mania	Manic depressive, manic
39	F.	10	Bronchial pneumonia, congenital debility	Mental deficiency, idiot
40	F.	61	Cellulitis of leg, myocarditis, chronic nephritis	Schizophrenia, hebephrenic
41	M.	55	Secondary carcinoma of spleen, stomach, lungs and mesentery; carcinoma of right optic nerve	Mental deficiency, imbecile
42	F.	79	Ulcerative colitis with rupture of ulcer	Senile psychosis
43	M.	29	Pneumonia, mastoiditis	Mental deficiency, idiot
44	M.	81	Hypostatic pneumonia	Senile psychosis
45	M.	85	Oedema of lung	Senile psychosis
46	M.	23	Pulmonary tuberculosis	Mental deficiency, moron
47	M.	15	Hypostatic pneumonia, septicæmia, congenital debility	Mental deficiency, idiot
48	F.	20	Bronchopneumonia, pulmonary tuberculosis	Mental deficiency, idiot
49	M.	18	Pulmonary tuberculosis and tubercular peritonitis	Mental deficiency, imbecile
50	M.	59	Carcinoma of pancreas	Manic depressive, manic
51	M.	84	Senile psychosis, exhaustion	Senile psychosis
52	M.	69	Acute appendicitis; acute pulmonary tuberculosis; general paresis	General paralysis
53	F.	21	Exhaustion of acute mania	Manic depressive, manic
54	F.	14	Myocarditis, diseased tonsils, infarction of heart	Mental deficiency, idiot
55	M.	74	Exhaustion of psychosis, hemiplegia from sub-dural cyst	Senile psychosis
56	F.	62	Exhaustion of psychosis, arteriosclerosis, myocarditis	Psychosis with cerebral arteriosclerosis
57	F.	13	Bronchopneumonia, congenital debility	Mental deficiency, idiot
58	F.	28	Myocarditis, acute appendicitis, disseminated sclerosis	Psychosis with multiple sclerosis
59	F.	52	Acute intestinal obstruction, adhesions from operation	Manic depressive, mixed
60	M.	4	Bronchopneumonia	Mental deficiency
61	M.	2	Pyelitis	Mental deficiency
62	M.	27	Septicæmia, septic sore throat	Schizophrenia, hebephrenic
63	F.	11	Lobar pneumonia	Mental deficiency, idiot
64	M.	69	Acute oedema of lungs, chronic myocarditis	Senile psychosis
65	F.	18	Acute pulmonary tuberculosis, epilepsy	Mental deficiency, imbecile
66	M.	75	Hypostatic pneumonia, myocarditis, arteriosclerosis	Senile psychosis
67	M.	73	Subdral hæmorrhage, myocarditis and arteriosclerosis	Psychosis with cerebral arteriosclerosis
68	M.	10	Bronchopneumonia, general debility	Mental deficiency, hydrocephalic idiot

TABLE NO. 9.—DEATHS DURING THE YEAR 1937-38—Continued.

No.	Sex	Age	Immediate Cause of Death	Predisposition
69	M.	33	Acute dilation of right side of heart, myocarditis	Schizophrenia, hebephrenic
70	M.	35	Pulmonary tuberculosis	Psychosis with encephalitis lethargica
71	M.	58	Gangrene of lung, septic thrombosis of abdominal aorta	Schizophrenia, catatonic
72	F.	28	Pneumonia, exhaustion of psychosis ..	Manic depressive, manic
73	M.	24	Exhaustion of acute mental disturbance	Mental deficiency, idiot
74	M.	37	Lobar pneumonia	Schizophrenia, catatonic
75	M.	56	Pulmonary tuberculosis	Schizophrenia, hebephrenic
76	F.	78	Hypostatic pneumonia, myocarditis, arteriosclerosis	Psychosis with cerebral arteriosclerosis
77	M.	36	Strangulation (self-inflicted), pulmonary tuberculosis	Schizophrenia, catatonic
78	M.	51	General peritonitis, carcinoma of rectum	Schizophrenia, hebephrenic
79	M.	81	Lobar pneumonia, senile psychosis, arteriosclerosis	Senile psychosis
80	M.	22	Hepatic abscess, pneumonia	Mental deficiency, imbecile
81	F.	34	Pulmonary tuberculosis	Psychosis with encephalitis lethargica
82	M.	15	Exhaustion, pulmonary tuberculosis and epilepsy	Mental deficiency, idiot
83	F.	49	Peritonitis, pancreatitis and chronic gall bladder	Schizophrenia, hebephrenic
84	M.	74	Pneumonia, arteriosclerosis, nephritis, aptitis	Senile psychosis
85	M.	9	Bronchopneumonia, epilepsy	Mental deficiency, idiot
86	M.	41	Influenzal pneumonia, polyserositis....	Schizophrenia, hebephrenic
87	F.	70	Empyæma, influenzal pneumonia	Senile psychosis
88	M.	20	Cardiac decompensation	Mental deficiency
89	M.	17	General insanition, pulmonary sepsis, epilepsy	Mental deficiency, idiot
90	M.	38	General toxæmia, cellulitis of elbow, exhaustion	Manic depressive, manic
91	M.	52	Lobar pneumonia, tertian malaria, general paresis insane	General paralysis
92	M.	17	Influenzal pneumonia, pulmonary tuberculosis	Mental deficiency, moron
93	F.	20	Pulmonary œdema, status epilepticus ..	With psychosis, epilepsy
94	F.	5	Chronic pulmonary sepsis, bronchopneumonia	Mental deficiency, idiot
95	F.	55	Pulmonary abscess	Schizophrenia, hebephrenic
96	M.	25	Lobar pneumonia, congenital syphilis, idiocy	Mental deficiency, idiot
97	M.	80	Influenzal pneumonia	Senile psychosis
98	M.	42	Pyelitis and cystitis, general paresis insane	General paralysis
99	F.	23	Influenza and epilepsy	Epilepsy and mental deficiency
100	M.	37	Influenzal pneumonia, influenza septicæmia	Schizophrenia
101	M.	27	Pulmonary sepsis, pulmonary tuberculosis, post encephalitic state	Psychosis with encephalitis lethargica

TABLE NO. 10.—RACE OF ADMISSIONS.

Race	Male	Female	Race	Male	Female
Austrian	12	5	Norwegian	9	9
Belgian	2	1	Polish	6	6
Chinese	3	.....	Roumanian	1	4
Czecho-Slovakian	2	2	Russian	10	8
Dutch	1	1	Ruthenian	1	1
English	35	26	Swedish	11	4
Finnish	1	2	Scottish	24	17
French	10	14	Swiss	1	.....
Galician	1	.....	Ukrainian	15	5
German	24	24	Welsh .....	.....	2
Halfbreed	1	.....	Undetermined	11	10
Hebrew	1	.....		
Hungarian	4	3			
Indian—Red	2	1	Total	212	160
Irish	23	12			
Italian	1	1			
Jugo-Slavic .....	.....	1			
Magyar .....	.....	1			
				372	

The Psychopathic Ward

GENERAL HOSPITAL,
REGINA, October 1, 1938.

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

SIR,—

I beg to append tables showing data concerning the operations of this Ward during 1937.

Yours very truly,

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

TABLE NO. 1.—DISPOSITION OF PATIENTS.

Patients in hospital, January 1, 1937.....	16
Patients admitted during the year.....	198
	<hr/>
Total cases dealt with during the year.....	214
	<hr/> <hr/>

DISCHARGES

Returned home, improved	95	
Returned home, unimproved	7	
In for observation and diagnosis	33	
	<hr/>	135
Transferred to R.G.H. for further treatment.....	3	
Transferred to Mental Hospital	50	
Patients died in Psychopathic Ward.....	8	
Patients in Hospital December 31, 1937.....	18	
	<hr/>	79
	<hr/> <hr/>	214
		<hr/> <hr/>

TABLE NO. 2.—DEATHS.

No.	Age	Sex	Cause of death	Predisposition
1,153	74	M.	Exhaustion	Cerebral arteriosclerosis and stenosis of the coronary arteries of the heart.
1,165	20	F.	Tuberculous meningitis	Ulcer of the duodenum. Miliary tuberculosis of: Kidneys Lungs Diaphragmatic peritoneum covering left leaf.
1,169	78	M.	Hypostatic pneumonia	Chronic nephritis.
1,205	43	F.	Pneumonia	Status epilepticus.
1,254	50	M.	Acute bronchopneumonia..	Tuberculous meningitis and miliary tuberculosis.
1,258	69	F.	Hæmorrhage into cerebellum and subdural hæmorrhage	Generalized arteriosclerosis.
1,289	50	F.	Hypertensive heart disease and cerebral softening....	Hypertension (idiopathic). Hypertrophy and dilation of heart (540 grams) (left ventricle).
1,325	54	M.	Acute bronchopneumonia and cerebral œdema	Brain tumour. Spongioblastoma of brain (left frontal lobe).

TABLE NO. 3.—AGES OF PATIENTS.

1 to 14 years	15 to 34 years	35 to 54 years	From 55 years on
	2 15 years	6 35 years	3 55 years
	3 16 "	3 36 "	4 56 "
	2 19 "	5 37 "	1 57 "
	5 20 "	5 38 "	2 58 "
	3 21 "	4 39 "	1 59 "
	4 22 "	7 40 "	4 60 "
	4 23 "	4 41 "	3 61 "
	2 24 "	3 42 "	2 62 "
	4 25 "	6 43 "	1 63 "
	5 26 "	4 44 "	1 64 "
	4 27 "	3 45 "	1 65 "
	3 28 "	4 47 "	2 69 "
	1 29 "	4 48 "	1 70 "
	9 30 "	5 49 "	1 73 "
	1 31 "	12 50 "	1 74 "
	2 32 "	7 51 "	1 76 "
	4 33 "	7 52 "	1 77 "
	2 34 "	9 53 "	2 78 "
		5 54 "	1 81 "
			1 82 "
			1 94 "
0	60	103	35
Total 198			

TABLE NO. 4.—CLASSIFICATION OF MENTAL DISEASES.

	M.	F.
1. Traumatic psychoses	2	.....
2. Senile psychoses	4	1
3. Psychosis with cerebral arteriosclerosis	1	2
4. General paralysis	1	2
5. Psychosis with cerebral syphilis .....	.....	1
6. Psychosis with Huntingdon's chorea .....	.....	.....
7. Psychosis with brain tumour	1	.....
8. Psychoses with brain or nervous disease	1	3
9. Alcoholic psychoses	2	.....
10. Psychoses due to drugs or other exogenous toxins .....	.....	.....
11. Psychosis with pellagra .....	.....	.....
12. Psychoses with other somatic diseases	4	3
13. Manic-depressive psychoses—		
(a) Manic	8	4
(b) Depressive	2	3
(c) Other types .....	.....	.....
14. Involutional melancholia	7	21
15. Dementia præcox	20	26
16. Paranoia and paranoid conditions .....	.....	.....
17. Epileptic psychoses	1	1
18. Psychoneuroses and neuroses—		
(a) Hysteria	5	10
(b) Psychasthenia	14	6
(c) Neurasthenia .....	.....	1
(d) Other types	2	6
19. Psychosis with psychopathic personality .....	.....	1
20. Psychosis with mental deficiency .....	.....	4
21. Undiagnosed psychoses	1	1
22. Without psychosis	13	13
	<u>89</u>	<u>109</u>

198

TABLE NO. 5.

MOVEMENTS OF PATIENTS FROM JANUARY 1, 1937, TO DECEMBER 31, 1937.

Month	Admissions		Re-admissions		Discharges		Transfers		Deaths	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
January	3	11	..	2	2	10	1	3	..	..
February	5	3	1	..	1	5	2	1	2	1
March	12	15	2	2	6	9	2	1	..	..
April	7	12	..	1	7	5	2	4	..	1
May	8	9	1	2	7	8	1	3	..	..
June	9	5	1	2	4	5	1	1	..	..
July	10	5	1	2	10	6	2	2	1	..
August	6	4	1	1	2	3	1	2	..	1
September	7	11	1	2	7	2	3	3	..	..
October	7	12	..	2	4	6	3	3	..	1
November	8	11	..	2	6	10	2	2	..	..
December	7	11	..	3	6	7	3	2	1	..
Totals.....	89	109	8	21	62	76	23	27	4	4

Registrar General

REGINA, December 7, 1938.

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

SIR:

I have the honour to submit herewith the report of the Registrar General for the calendar year 1937.

As in past years, 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 have been prepared from these transcripts by the Ottawa office and are the same as the tables published in the Dominion Report of Vital Statistics.

Respectfully submitted.

D. K. LAFLAMME,
Supervisor.

ESTIMATED POPULATION, 1937

According to figures supplied by the Dominion Bureau of Statistics, the population of Saskatchewan was 939,000 at June 1, 1937, an increase of 8,000 over the previous year.

TABLE 1.—ESTIMATED POPULATION OF SASKATCHEWAN BY MUNICIPALITIES, 1937.

Urban population	179,147	Villages	73,598
Rural population	759,853	Rural municipalities	656,389
Cities	147,259	Province	939,000
Towns	61,754		

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, 1937.

Moose Jaw	19,975	Swift Current	5,118
North Battleford	4,760	Weyburn	5,384
Prince Albert	11,144	Yorkton	4,973
Regina	53,812		
Saskatoon	42,093	Total	147,259

TABLE 3.—ESTIMATED POPULATION OF SASKATCHEWAN BY SEX AND AGE PERIODS, 1937.

Age period	Male	Female	Total
Under five years	47,823	46,649	94,472
Five to nine years.....	52,421	50,775	103,196
Ten to fourteen years	54,323	52,553	106,876
Fourteen to nineteen years	53,129	52,421	105,550
Twenty to twenty-nine years	85,060	77,824	162,884
Thirty to thirty-nine years.....	61,013	51,697	112,711
Forty to forty-nine years	61,343	46,300	107,643
Fifty to fifty-nine years	50,864	32,780	83,644
Sixty to sixty-nine years.....	24,036	15,660	39,695
Seventy to seventy-nine years	10,155	7,655	17,810
Eighty and over	2,305	1,996	4,301
Unknown	145	73	218
Total	502,617	436,383	939,000

DOMINION TABLES.

To enable comparison, a number of Dominion tables, which give various rates for all provinces, have been included in this report. With the exception of those for Saskatchewan, the figures for these tables have been taken from the Preliminary Annual Report, Vital Statistics of Canada, 1937, and are subject to final revision.

The Dominion tables indicate that this province has the third lowest birth rate, the lowest marriage rate and the lowest death rate in Canada.

They also show Saskatchewan as having the lowest death rates for the following important causes of death: Tuberculosis, cancer, cerebral hæmorrhage, heart diseases, diseases of the arteries and automobile accidents.

TABLE 4.—ESTIMATED POPULATION AS AT JUNE 1, 1937.

Canada	11,106,000	Ontario	3,711,000
Prince Edward Island.....	93,000	Manitoba	717,000
Nova Scotia	542,000	Saskatchewan	939,000
New Brunswick	440,000	Alberta	778,000
Quebec	3,135,000	British Columbia	751,000

TABLE 5.—NATURAL INCREASE IN THE DOMINION PER 1,000 POPULATION, 1926-1937.

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
1935	10.6	11.6	10.3	13.1	13.9	7.3	10.7	14.4	13.7	4.3
1936	10.3	10.4	11.0	13.2	14.0	6.7	9.4	13.8	12.4	4.5
1937	9.6	10.1	10.1	11.7	12.8	6.2	9.5	12.5	12.4	4.4

TABLE 6.—BIRTHS IN THE DOMINION (EXCLUSIVE OF STILLBIRTHS)
RATE PER 1,000 POPULATION, 1926-1937.

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
1935	20.3	22.6	22.0	24.2	24.6	17.2	18.8	21.0	21.2	13.6
1936	20.0	21.5	22.0	24.2	24.3	16.9	18.1	20.5	20.4	14.1
1937	19.8	22.4	21.3	24.0	24.1	16.6	18.0	19.9	20.4	15.0

TABLE 7.—MARRIAGES IN THE DOMINION. RATE PER 1,000 POPULATION, 1926-1937.

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
1935	7.0	5.8	7.5	7.5	6.5	7.3	7.5	6.5	7.9	6.8
1936	7.3	6.5	7.7	7.8	7.0	7.5	8.1	6.6	7.8	7.3
1937	7.9	6.3	8.0	8.3	7.9	8.1	8.5	6.2	8.2	8.2

TABLE 8.—DEATHS IN THE DOMINION. RATE PER 1,000 POPULATION, 1926-1937.

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
1935	9.7	11.0	11.7	11.1	10.7	9.9	8.1	6.6	7.5	9.3
1936	9.7	11.1	11.0	11.0	10.3	10.2	8.7	6.8	8.0	9.6
1937	10.2	12.3	11.2	12.3	11.3	10.4	8.5	7.4	8.0	10.6

TABLE 9.—DEATH RATE PER 100,000 POPULATION IN THE DOMINION
FROM CERTAIN SPECIFIED CAUSES, 1937.

Province	²³⁻³² Tuberculosis	⁴⁵⁻⁵³ Cancer	⁸² Cerebral Haemorrhage	⁹⁰⁻⁹⁵ Heart Diseases	⁹⁶⁻⁹⁷⁻⁹⁹⁻¹⁰² Diseases of the Arteries	¹⁰⁷⁻¹⁰⁹ Pneumonia and Bronchopneumonia	¹³⁰⁻¹³² Nephritis	^{186c} Automobile Accidents
Prince Edward Island	69.9	147.3	31.2	144.1	102.2	109.7	102.2	7.5
Nova Scotia	84.3	131.9	29.5	151.1	102.0	72.7	58.7	15.3
New Brunswick	87.0	105.7	36.6	143.6	84.1	95.9	50.2	15.2
Quebec	88.3	96.7	15.6	127.0	59.7	72.2	92.4	12.9
Ontario	35.4	122.5	20.7	194.7	124.8	69.9	52.4	20.8
Manitoba	59.4	102.9	10.5	134.2	77.8	61.9	26.6	9.2
Saskatchewan	32.3	73.4	9.7	93.6	46.6	60.4	28.5	5.0
Alberta	43.6	76.9	13.4	109.1	58.2	59.5	30.8	7.1
British Columbia	79.9	138.3	16.8	179.8	84.2	63.4	47.1	16.5

TABLE 10.—INFANT MORTALITY IN THE DOMINION. RATE PER 1,000 LIVING BIRTHS, 1926-1937.

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
1935	71	72	72	83	92	56	63	61	58	46
1936	66	69	66	77	83	55	61	54	60	44
1937	76	73	70	101	100	55	64	67	63	56

TABLE 11.—MATERNAL MORTALITY IN THE DOMINION. RATE PER 1,000 LIVING BIRTHS, 1926-1937.

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
1935	4.9	4.0	5.3	4.6	5.4	5.0	4.2	4.1	4.3	5.2
1936	5.6	5.6	4.3	6.6	6.0	5.7	5.4	4.5	5.8	4.7
1937	4.9	5.8	2.7	3.7	5.2	5.2	4.3	4.6	4.9	4.5

TABLE 12.—ILLEGITIMATE BIRTHS (STILLBIRTHS EXCLUDED) IN THE DOMINION. PER CENT. OF ALL LIVE BIRTHS, 1926-1937.

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
1935	3.77	4.1	5.7	3.9	3.3	4.2	3.5	3.3	3.8	3.2
1936	3.92	3.4	6.1	3.9	3.3	4.5	3.8	3.7	3.8	3.6
1937	3.88	3.0	6.0	3.6	3.2	4.5	3.7	3.5	3.9	3.8

TABLE 13.—STILLBIRTHS IN THE DOMINION. PERCENTAGE OF TOTAL BIRTHS. 1926-1937.

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
1935	2.8	3.2	2.9	2.5	3.0	3.3	2.4	2.0	2.2	2.1
1936	2.8	3.4	2.4	2.2	3.0	3.2	2.5	2.2	2.3	2.1
1937	2.9	2.9	2.5	2.5	3.0	3.1	2.6	2.1	2.2	2.1

BIRTHS

Decreasing steadily over a number of years, as indicated by Diagram 1, the Saskatchewan birth rate has now dropped to 19.9 per 1,000 of population. A total number of 18,640 living births were registered for 1937, a decrease of 485, or 2.5% from the previous year. The average number of children to each family reporting a birth shows a slight decrease, from 3.8 per family in 1936 to 3.7 per family in 1937.

Of the living births 651, or 3.5%, were illegitimate. In the year 1936, 3.7% were illegitimate.

The percentage of Canadian born parents continues to increase, with 53.5% of the fathers and 68.6% of the mothers being born in Canada.

The highest percentage of attended births ever recorded is shown for 1937, with 81.3% of all births being attended by physicians.

TABLE 14.—BIRTH, MARRIAGE AND DEATH RATES FOR THE PROVINCE, 1914-1937 (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	21,331	23.1	5,700	6.2	6,066	6.6
1932	20,814	22.3	5,772	6.2	6,044	6.5
1933	20,145	21.6	5,371	5.7	6,024	6.4
1934	19,764	21.2	5,519	5.9	5,924	6.3
1935	19,569	21.0	6,036	6.5	6,126	6.6
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

TABLE 15.—BIRTHS AND DEATHS, 1928-1937, 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
1928	862,000	10,983	10,278	21,261	I. 1.2	1,069	6,166	17.5
1929	883,000	11,002	10,444	21,446	I. .9	1,053	6,715	16.7
1930	903,000	11,407	10,644	22,051	I. 2.8	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

TABLE 16.—URBAN AND RURAL BIRTHS AND RATE PER 1,000, 1928-1937 (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
1928	5,376	35.2	15,885	22.7	21,261	24.7
1929	4,066	26.3	17,380	24.4	21,446	24.3
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

TABLE 17.—BIRTHS IN CITIES, 1937. (BY PLACE OF RESIDENCE. STILLBIRTHS EXCLUDED.)

Month	Moose Jaw	North Battleford	Prince Albert	Regina	Saskatoon	Swift Current	Weyburn	Yorkton
January	34	5	19	73	46	8	8	5
February	27	5	14	85	41	3	8	8
March	24	3	22	69	58	9	3	5
April	32	10	29	68	36	13	6	13
May	26	8	33	83	45	9	4	8
June	33	1	26	91	61	18	2	9
July	24	8	23	83	41	10	4	10
August	33	9	15	80	57	6	5	8
September	28	13	11	87	49	7	6	6
October	18	9	17	90	42	11	4	12
November	29	9	20	55	33	5	5	5
December	24	10	16	76	41	4	8	3
Male	175	48	119	473	278	49	32	52
Female	157	42	126	467	272	54	31	40
Total	332	90	245	940	550	103	63	92
Rate	16.6	18.9	22.0	17.5	13.1	20.1	11.7	18.5

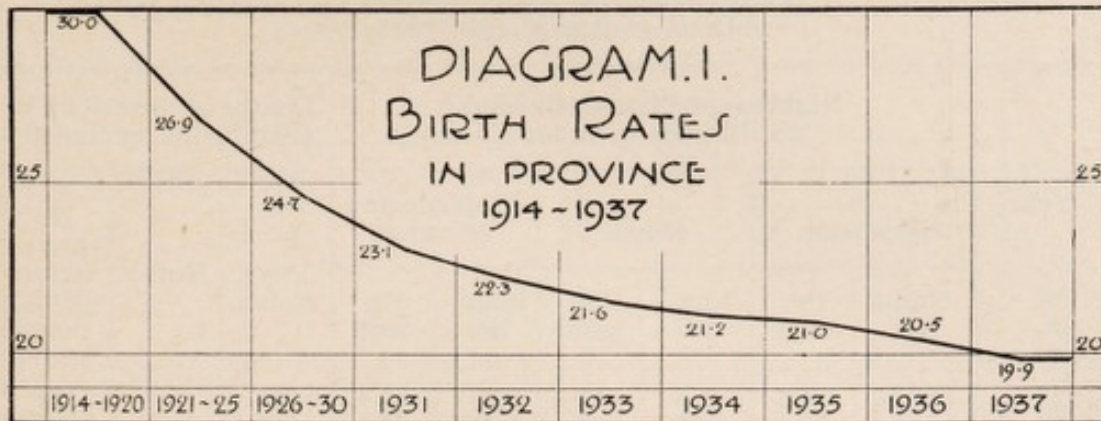


TABLE 18.—PLURAL BIRTHS, CLASSIFIED TO SHOW NUMBER OF CHILDREN BORN ALIVE AND STILLBORN BY SEX, 1937.

Classification of births	Number
Twin births	251
Two males (both living)	66
One male and one female (both living)	92
Two females (both living)	66
One male living and one male stillborn	9
One male living and one female stillborn	3
One male stillborn and one female living	7
One female living and one female stillborn	4
Two males (both stillborn)	1
One male and one female (both stillborn)	1
Two females (both stillborn)	2
Triplet births	1
Two females living and one female stillborn	1
Total multiple births	No. 252
M.	255
F.	250
Total single live births ⁽¹⁾	No. 18,167
M.	9,290
F.	8,877
Total single stillbirths	No. 366
M.	213
F.	153
Total confinements	18,785

⁽¹⁾ Included with single live births is one twin which was born in Saskatchewan in January, 1937. The other twin was born in Alberta in November, 1936.

TABLE 19.—ATTENDANTS AT BIRTH AND NUMBER OF CHILDREN WHO DIED AT BIRTH, 1928-1937.

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.			
1928.....	15,558	71.3	275	1.3	5,991	27.4	288	....	29
1929.....	16,150	73.4	225	1.0	5,619	25.5	259	....	50
1930.....	16,583	73.4	225	1.0	5,790	25.6	304	....	55
1931.....	16,256	74.2	252	1.2	5,400	24.6	266	....	44
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	201	....	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

TABLE 20.—ILLEGITIMATE BIRTHS IN PROVINCE, 1914-1937.
(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.....	346	322	668	.7	30.5
1932.....	349	331	680	.7	31.9
1933.....	363	323	686	.7	33.3
1934.....	375	371	746	.8	36.9
1935.....	341	322	663	.7	33.2
1936.....	387	340	727	.8	37.2
1937.....	332	341	673	.7	35.4

TABLE 21.—RACIAL ORIGIN AND AGE OF MOTHERS OF ILLEGITIMATE CHILDREN BORN IN 1937. (STILLBIRTHS INCLUDED.)

Racial origin	Age of mothers by periods								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	
English	2	45	43	15	2	....	2	....	109
Irish .....	....	21	28	8	1	2	....	....	60
Scotch	1	17	26	9	7	....	1	....	61
Other British....	....	....	2	1	....	....	....	....	3
French .....	....	22	18	8	....	1	....	1	50
Austrian .....	....	....	2	....	....	....	....	....	2
Danish .....	....	....	1	....	1	....	....	....	2
Dutch .....	....	3	6	3	3	....	....	....	15
German	1	35	42	18	7	....	2	....	105
Hungarian .....	....	1	4	4	1	....	....	....	10
Icelandic .....	....	....	2	....	....	....	....	....	2
Indian .....	....	20	26	10	5	7	1	2	71
Norwegian .....	....	7	15	6	2	1	1	....	32
Polish	1	9	6	6	....	....	....	....	22
Roumanian .....	....	1	4	....	....	....	....	....	5
Russian .....	....	3	5	1	....	....	....	....	9
Swedish .....	....	9	6	2	....	....	....	....	17
Ukrainian .....	....	28	35	18	7	1	....	1	90
Others .....	....	3	2	3	....	....	....	....	8
Total	5	224	273	112	36	12	7	4	673

TABLE 22.—PERCENTAGE OF PARENTS CANADIAN BORN, 1926-1937. (LEGITIMATE BIRTHS.)

	1926- 1930	1931- 1935	1935	1936	1937
Fathers	37.5	54.8	48.0	50.4	53.5
Mothers	44.3	43.6	62.1	64.7	68.6

TABLE 23.—BIRTHS—OCCUPATIONS OF FATHERS, 1937.

Occupation	Total
Owners, managers, etc.....	623
Office employees (including government and municipal)	259
Labourers	1,959
Farmers	11,743
Fishermen	17
Hunters and trappers	253
Shantymen	9
Miners	81
Factory employees	758
Construction	301
Transportation and public utilities	675
Trade and finance	448
Professional service	373
Recreational service	14
Customs and repairs	60
Personal service	224
Miscellaneous	130
No occupation	60
Occupation not given	2
Total	17,989

TABLE 24.—BIRTHS, SHOWING THE AGES OF MOTHERS BY PERIODS AND NUMBER OF CHILDREN (INCLUDING STILLBIRTHS), 1937.

Ages	Number of children	Percentage of total births
Under 15 years	6	0.03
15-19 years	1,208	6.34
20-24 years	5,588	29.35
25-29 years	5,330	28.00
30-34 years	3,550	18.65
35-39 years	2,255	11.84
40-44 years	974	5.12
45 years and over	124	0.65
Age unknown..	3	0.02
Total	19,038	100.00

TABLE 25.—BIRTHS, SHOWING THE NUMBER OF CHILDREN AND NATIVITY OF MOTHERS (INCLUDING STILLBIRTHS), 1937.

Number of children	Total	Nativity of mothers				
		Canadian	British	American	Others	Unknown
1st child.....	5,269	4,461	190	332	286	..
2nd "	3,822	2,982	204	296	340	..
3rd "	2,784	1,931	202	262	385	4
4th "	1,836	1,144	141	205	346	..
5th "	1,415	778	94	181	362	..
6th "	1,028	555	85	144	244	..
7th "	759	378	53	116	212	..
8th "	572	278	30	74	190	..
9th "	473	205	31	74	162	1
10th "	362	153	22	61	126	..
11th "	255	108	11	40	96	..
12th "	177	72	9	32	64	..
13th "	105	32	5	12	56	..
14th "	80	35	1	8	36	..
15th "	48	17	2	6	23	..
16th "	28	8	..	2	18	..
17th "	13	4	1	1	7	..
18th "	3	..	..	1	2	..
19th "	4	1	..	1	2	..
20th "	4	2	..	1	1	..
21st "	1	..	..	..	1	..
Total	19,038	13,144	1,081	1,849	2,959	5

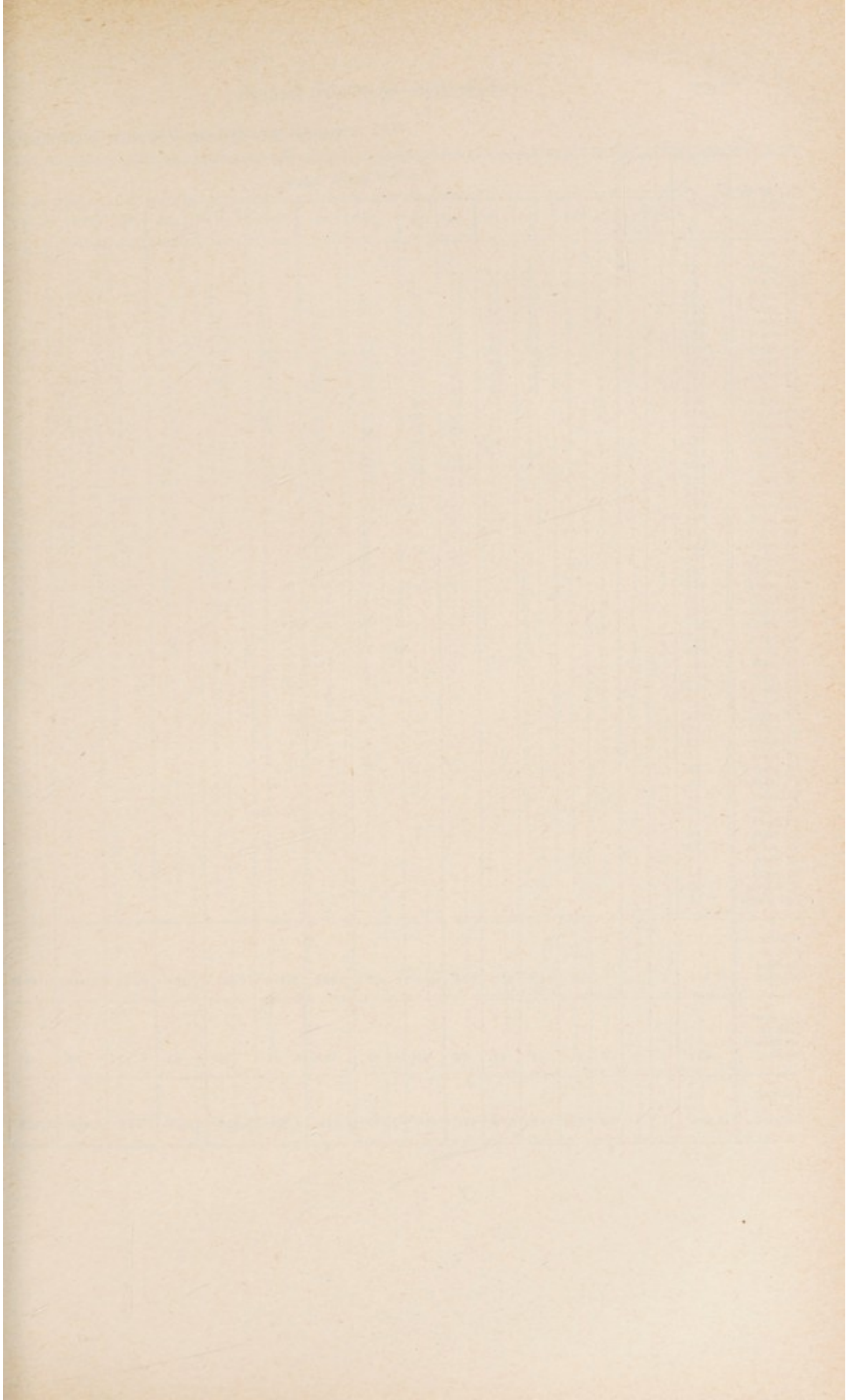


TABLE 26.—BIRTHS (exclusive of stillbirths)

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..	11	..	..	..	1	3	1	1	..	2	1	1	..	..	1	..	..
19 years..	25	..	..	..	2	1	7	4	2	4	1	1	1	1	1	..	..
20 years..	64	..	..	..	4	8	7	11	14	7	8	3	2	..	..	..	..
21 years..	177	..	..	1	5	7	29	26	26	25	21	12	12	5	3	3	..
22 years..	340	..	..	..	5	12	28	52	54	64	47	30	17	9	9	4	6
23 years..	486	..	..	1	3	13	26	57	63	80	68	81	38	19	10	14	5
24 years..	604	..	..	..	1	12	35	35	63	85	93	107	80	37	18	15	10
25 years..	769	..	..	..	4	10	28	46	75	105	96	128	109	76	44	15	15
26 years..	818	..	..	..	2	9	27	52	60	96	105	89	100	75	98	53	27
27 years..	854	..	..	1	2	10	35	32	71	76	98	111	118	81	75	66	36
28 years..	950	..	..	..	1	6	19	38	46	84	91	111	113	94	98	92	71
29 years..	1,067	..	..	..	2	9	17	34	50	70	80	105	125	118	98	107	88
30 years..	989	1	..	..	1	5	19	20	30	50	69	87	116	103	93	101	90
31 years..	877	..	..	..	2	6	11	18	30	54	51	60	65	91	84	92	76
32 years..	859	..	..	1	..	3	8	13	25	29	61	48	73	63	78	76	76
33 years..	838	..	..	..	..	1	6	13	20	31	38	58	69	62	56	61	79
34 years..	759	..	..	..	..	..	6	13	16	12	32	24	76	45	49	60	66
35 years..	740	..	..	..	..	..	4	5	4	22	17	28	43	50	47	55	58
36 years..	698	..	..	..	..	..	1	3	7	16	15	32	34	24	58	49	38
37 years..	740	..	..	..	..	..	..	6	9	15	18	15	28	31	42	56	64
38 years..	592	..	..	..	..	..	..	5	6	9	10	15	22	18	29	32	55
39 years..	494	..	..	1	..	..	1	1	2	5	11	15	6	18	21	17	26
40 years..	496	..	..	..	..	1	1	1	7	5	2	9	7	12	14	9	20
41 years..	395	..	..	..	..	..	..	..	2	4	7	6	1	10	4	13	19
42 years..	487	..	..	..	..	..	..	..	1	..	4	4	5	15	16	15	17
43 years..	398	..	..	..	..	..	1	1	..	6	3	7	7	8	10	15	6
44 years..	374	..	..	..	..	..	..	1	..	..	3	7	4	6	8	5	8
45 years..	311	..	..	..	..	..	..	..	1	1	1	3	2	7	6	7	9
46 years..	287	..	..	..	..	..	..	..	..	1	2	7	3	4	8	7	8
47 years..	270	..	..	..	..	1	..	2	..	..	3	..	4	4	3	6	10
48 years..	265	..	..	..	..	..	1	1	4	..	..	2	2	5	2	6	5
49 years..	205	..	..	..	..	1	..	..	1	2	2	2	1	4	7	4	2
50 years..	158	..	..	..	..	..	..	..	..	..	1	3	2	2	3	..	2
51 years..	107	..	..	..	..	..	..	..	..	..	..	1	..	1	2	1	1
52 years..	118	..	..	..	..	..	..	..	1	3	..	1	..	2	2	1	4
53 years..	92	..	..	..	..	..	..	..	1	..	1	..	4	1	1	2	2
54 years..	60	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	4
55 years..	36	..	..	..	..	..	..	..	..	2	..	1	..	1	3	1	1
56 years..	58	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	2
57 years..	21	..	..	..	..	..	..	..	1	..	..	..	2	1	..	..	..
58 years..	15	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	..
59 years..	16	..	..	..	..	..	..	..	..	..	..	1	..	1	1	1	..
60 years..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
61 years..	8	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..
62 years..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
63 years..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
64 years..	14	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
65 & over	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2
Not stated	6	..	..	..	..	..	1	..	..	..	..	..	..	1	2	..	..
Children born to married mothers ..	17,989	1	..	5	35	118	318	493	689	972	1,061	1,215	1,293	1,106	1,106	1,066	1,009	8
Children born to unmarried mothers ..	651	..	5	16	21	47	52	79	69	50	59	44	45	21	27	22	19	..
Children born to all mothers ..	18,640	1	5	21	56	165	370	572	758	1,022	1,120	1,259	1,338	1,127	1,133	1,088	1,028	8

CLASSIFIED ACCORDING TO AGES OF PARENTS, 1937.

Age of Mother																				50 and over	Not stated
30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49		
..
..
..
..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	1	3	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	1	4	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
10	4	6	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	9	8	1	2	2	3	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..
42	16	14	3	6	5	2	2	1	2	..	..	..	..	..	..	..	..	..	..	..	..
52	27	25	10	3	5	3	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..
58	50	31	17	10	7	1	2	3	1	..	..	..	..	..	..	..	..	..	..	..	1
82	56	48	18	10	5	4	3	..	..	2	1	1	..	..	..	..	..	..	..	..	1
56	46	61	48	26	12	9	7	2	2	..	..	..	..	..	..	..	..	..	..	..	..
77	51	63	41	36	16	5	5	3	1	..	..	..	..	..	..	..	..	..	..	..	..
65	45	60	59	29	38	21	17	6	4	1	..	..	1	..	..	..	..	..	..	..	..
62	39	63	52	52	43	38	14	10	3	3	2	2	..	..	..	..	..	..	..	..	..
53	49	54	63	53	40	30	32	20	5	8	2	3	..	1	..	..	..	..	..	..	..
35	36	46	36	60	27	38	32	27	13	11	1	..	1	..	..	..	..	..	..	..	..
25	37	32	36	42	36	33	29	23	29	5	2	2	1	..	..	..	..	..	..	..	..
36	23	38	30	37	35	48	35	36	18	23	8	3	3	2	..	..	..	..	..	..	..
22	30	22	27	38	27	30	19	26	30	16	8	5	4	2	1	..	1	..	..	..	..
22	25	38	32	35	37	34	42	43	21	25	19	12	3	1	..	..	..	..	..	..	..
19	14	20	29	34	28	36	29	26	21	21	23	15	10	2	..	2	..	..	..	..	..
6	17	16	28	28	19	22	29	33	29	26	17	17	19	5	1	..	..	..	..	..	..
7	8	16	19	12	19	18	26	24	31	22	20	17	10	8	5	2	1	..	..	..	..
7	7	21	10	15	19	27	24	12	22	24	11	15	13	4	5	3	..	1	..	..	..
8	7	12	16	13	15	20	28	16	24	18	14	23	7	7	3	3	..	..	..	..	..
13	5	9	9	8	8	18	14	27	16	25	13	25	16	10	7	3	2	..	1	1	..
7	3	7	7	11	9	13	15	12	18	10	13	17	11	8	8	3	2	..	1	..	..
8	2	6	7	7	8	9	12	9	16	11	6	12	4	9	5	7	2	..	..	..	..
5	..	2	9	2	3	10	5	6	10	8	11	7	5	8	2	2	1	..	1	1	..
3	5	4	3	3	6	5	7	5	6	7	5	15	12	4	3	7	..	1	..	..	..
2	3	2	6	1	1	6	8	7	6	6	5	7	13	2	..	2	1	1	..	..	..
1	2	5	1	3	1	5	3	..	5	2	2	6	9	4	2	1	..	..	..	..	..
..	..	2	2	1	1	2	7	1	1	2	..	..	3	1	1	1	1	1	..	1	..
5	1	5	6	..	..	6	2	2	3	8	2	7	2	1	1	1	..	..	..	..	..
2	..	..	..	1	..	1	..	..	2	2	1	3	1	1	2	..	..	..	..	..	..
..	..	1	..	2	..	1	1	1	2	..	..	..	1	1	..	..	1	..	..	..	..
..	..	..	2	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..
..	..	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
..	..	1	..	..	1	2	2	1	..	2	..	1	1	..	..	..	..	..	..	..	..
3	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	1	..	..	..
..	..	..	1	1	2	..	2	1	..	1	..	1	1	1	..	..	1	..	..	..	..
1	..	..	..	..	..	..	..	1	2	..	..	1	..	1	..	1	..	..	..	..	1
..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..
835	620	752	633	590	476	501	456	394	344	288	187	222	153	84	48	40	14	1	7	3	3
11	2	9	6	9	4	..	2	3	3	1	1	3	2	..	2	..	1	..	..	..	..
846	622	761	639	599	480	501	458	397	347	289	188	225	155	84	50	40	15	1	7	3	3

TABLE 28.—LEGITIMATE BIRTHS (exclusive of stillbirths) CLASSIFIED ACCORDING TO AGE AND BIRTHPLACE OF MOTHERS, 1937.

Birthplace of mother	Total	Age of Mother															40 and over	Not stated									
		15 and under	16	17	18	19	20	21	22	23	24	25	26	27	28	29			30	31	32	33	34	35	36	37	38	39
CANADA	12,334	5	28	100	290	445	623	802	938	1,075	1,098	884	845	746	668	567	508	352	400	318	255	218	214	189	155	142	379
P. E. I.	28					1	2	2	1	1	1	1	2	2	1	2	1	1	4	3	2	1	3	2	4	1	7
Nova Scotia	54					1	2	2	2	2	2	2	2	1	1	2	2	2	4	3	2	1	3	2	4	1	13
New Brunswick	32					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3
Quebec	328					3	8	16	9	16	10	16	10	16	20	13	26	12	17	12	17	13	11	14	13	23	44
Ontario	911					2	3	7	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Manitoba	1,332					2	4	7	17	23	24	43	41	42	49	54	58	43	74	58	46	39	32	36	37	27	98
Saskatchewan	9,343					1	3	10	24	32	56	54	75	76	81	67	81	51	63	54	60	61	46	57	36	35	93
Alberta	245					5	27	91	392	551	783	830	922	931	491	419	326	237	228	184	124	98	111	80	58	51	120
British Columbia	58					4	4	4	12	18	23	15	28	28	17	4	13	4	3	6	4	5	7	2	2	2	1
Province not specified	3					5	8	3	4	7	8	5	8	3	2	5	1	1	1	1	1	1	1	1	1	1	1
BRITISH ISLES	1,023																										
England	664																										
Ireland	95																										
Scotland	246																										
Wales	16																										
Other	2																										
BRITISH POSSESSIONS	14																										
Newfoundland	2																										
Other	12																										
EUROPE	2,822																										
Austria	478																										
Belgium	25																										
Denmark	26																										
Finland	7																										
France	47																										
Germany	201																										
Holland	16																										
Hungary	167																										
Italy	4																										
Norway	111																										
Poland	588																										
Romania	132																										
Russia (1)	864																										
Sweden	64																										
Other	92																										
ASIA	14																										
China	6																										
Japan	1																										
Other	7																										
United States	1,768																										
Various	9																										
Not specified	5																										
Total	17,989	6	35	118	318	493	689	972	1,061	1,215	1,293	1,106	1,106	1,066	1,009	851	835	620	752	633	530	476	501	456	394	344	1,017

(1) Including the Ukraine.

TABLE 29.—LEGITIMATE BIRTHS (exclusive of stillbirths) CLASSIFIED ACCORDING TO AGE AND RACIAL ORIGIN OF MOTHERS, 1937.

Racial origin of mother	Total	Age of Mother															40 and over	Not stated											
		15 and under	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	2,951	1	6	21	44	74	116	169	181	218	213	205	181	163	179	154	146	99	140	97	85	74	73	65	57	58	151	1	
Irish	1,602	1	2	12	20	48	71	103	93	96	130	91	102	89	84	70	65	58	74	67	53	53	27	35	38	20	100		
Scottish	1,762		1	15	33	36	66	90	117	111	126	105	120	100	97	94	95	67	62	66	53	48	41	46	40	33	99		
Welsh	78				1		6	5	4	7	2	10	2	3	8	3	5	2	1	1	3	1	2	1	2	2	7		
French	1,233	1		8	26	37	41	67	65	78	82	75	73	70	59	64	41	42	52	43	42	30	32	37	36	36	94		
Austrian	225		1	3	3	6	9	8	12	14	14	9	9	11	11	16	14	5	10	13	7	6	15	7	9	2	27		
Belgian	84				2	2	2	2	8	5	10	3	5	3	9	3	4	2	5	2	2	1	2	1	2	1	6		
Chinese	8							1			1			2	2	1													
Czech and Slovak	98					1	3	1	7	5	1	7	10	4	4	3	9	4	7	3	4	8	1		3	7	4	2	
Danish	85					2	1	4	5	6	9	7	6	3	3	1	5	2	3	3	2	2	4			4	2	2	
Dutch	532						6	9	23	37	36	25	37	31	27	28	27	28	30	23	20	19	17	10	8	13	30		
Finnish	42						3	5	2	2	6	1	3	2	2	2	2	3	2		1						1		
German	3,944	1	11	18	55	105	116	216	234	258	295	237	248	252	227	187	180	132	158	146	144	108	106	113	86	81	229	1	
Hungarian	343		1	3	9	13	21	18	23	22	34	10	15	17	17	15	21	13	14	9	10	11	12	7	5	5	18		
Icelandic	62						1	3	3	1	5	1	3	6	2	8	3	1	4	1	2	5	3	1	2	1	6		
Indian	592	1	3	12	26	20	35	29	29	37	38	25	29	34	26	18	24	17	21	12	19	20	26	20	14	14	43		
Italian	7										1	1	1							1			1				3		
Japanese	1										1												1						
Jewish	43									3	4	2	3	2	5	2	3	1	4	5	1	1	2				1		
Negro	2																												
Norwegian	802		2	2	15	21	35	34	51	64	53	60	46	58	46	38	40	32	28	24	24	11	23	24	14	13	44		
Polish	566		2	4	12	15	25	24	35	31	34	42	34	34	32	25	34	19	23	15	29	11	18	15	19	10	24		
Romanian	145						1	3	8	14	11	7	7	7	7	8	7	4	5	6	2		6	3	4	3	1		
Russian	432		1	3	7	18	7	22	24	38	29	28	17	20	26	17	22	16	15	12	17	15	14	14	11	8	31		
Serb and Croat	21						1	2	1	2	1	2	4	1	1	1	1	1				1				1	1		
Swedish	371		1	2	6	9	11	19	25	29	30	31	23	29	23	17	20	10	11	21	4	11	8	5	6	8	12		
Swiss	53											3	3	3	3	5	3	5	3	2			1		1		5		
Syrian	18								1	1	1	1	1	1	3	1	1	1	1		2	1					1		
Ukrainian (1)	1,883	1	5	16	47	67	81	126	112	135	125	116	121	117	105	71	61	58	78	62	61	39	67	44	28	29	110	1	
Other	8										1	1	1	2	1	1	1			1	1								
Not specified	16									2	1		3	1	2	1				1									
Total	17,989	6	35	118	318	493	689	972	1,061	1,215	1,293	1,106	1,106	1,066	1,009	851	835	620	752	633	590	476	501	456	394	344	1,047	3	

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

TABLE 30.—BIRTHS (exclusive of stillbirths) CLASSIFIED ACCORDING TO RACIAL ORIGIN OF PARENTS, 1937.

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	Jewish		Norwegian	Polish	Roumanian	Russian	Serb and Croat	Swedish	Swiss	Syrian	Ukrainian (1)	Others and not specified
English	1,302	395	495	23	93	11	6	6	18	40	1	275	6	5	7		139	15	7	19		57	4	2		39	11
Irish	1,761	440	324	18	91	4	5	3	10	16	1	193	7	6	1		86	12	5	2		33	2	4		17	4
Scottish	1,726	505	291	484	69	8	3	2	10	34	6	126	6	5	4		87	10	2	8		38	3			12	3
Welsh	103	37	13	5	3	1						10										1					
French	1,228	74	72	3	804	1	27	1	2	11	1	80	4		22		20	8		6		15	2			10	1
Austrian	249	11	4			143				1		34	4		1		3	1		11		1				16	1
Belgian	74	3	2		25		20					7								5						2	
Czech and Slovak	102	4					2	66				4	3				2	5	2			1				5	
Danish	132	30	12		3	1	1	1	23	6		18	1				9	2	1	3		1				2	1
Dutch	554	46	35	2	6	1	4			391		21	1				7	5	1	1		2					
Finnish	35	2	1		1						23	3	2														1
German	3,811	224	134	5	72	27	10	13	10	20	4	2,912	25	5	3		47	26	7	39	2	27	9			42	3
Hungarian	360	12	4		4	4	1	1		2	1	40	268				2	3	3	4		1				3	
Icelandic	89	13	8		7				1	2		7		36			4					3					2
Indian	580	6	2		9							2			553		1										2
Italian	8		2				1					2															3
Jewish	47	2	1									1				40	2										3
Norwegian	749	83	70	10	16	1	2		5	4	2	55	1				299	5		5		57	1			14	1
Polish	597	4	10		7	5	1	3		1	1	39	4				1	366	3	7	1	2				140	
Roumanian	151	5	1		3	3						13	1				1	2	98	7	1					14	1
Russian	414	8	11		1	6				2		29	1				1	11	4	303						26	
Serb and Croat	22											1	2							1							1
Swedish	417	33	43		8	1		2	4	2	1	39	1	5			73	4	1		13	1				4	
Swiss	44	10	6		3	1						6					2						10				
Ukrainian (1)	1,694	10	5		6	1					1	18	6				8	78	6	15		2				1,525	
Others and not specified	66	7	3		2	1	2					9	1					2		3		2				7	13
Children born to T. married mothers	17,989	2,951	1,602	78	1,233	225	84	98	85	532	42	3,944	343	62	592	43	802	566	145	432	21	371	33	18	1,883	42	
Children born to un-T. married mothers	9,206	1,506	844	46	625	120	51	49	40	271	19	1,984	187	33	286	27	421	291	80	224	13	198	17	9	962	22	
Total	8,783	1,445	758	881	608	105	33	49	45	261	23	1,960	156	29	306	16	381	275	65	208	8	173	16	9	921	20	
Children born to un-T. married mothers	651	104	59	3	47	2	1	1	2	14	3	102	9	2	67		31	22	6	9		15			90	1	
Children born to all T. mothers	18,640	3,055	1,661	81	1,280	227	85	99	87	546	45	4,046	352	64	659	43	833	588	151	441	21	386	33	18	1,973	43	
Children born to un-T. married mothers	9,526	1,553	869	47	649	121	52	50	42	280	19	2,040	188	33	323	27	430	299	83	238	13	206	17	9	1,011	23	
Total	9,114	1,502	792	34	631	106	33	49	45	266	26	2,006	164	31	336	16	394	289	68	213	8	180	16	9	962	20	

(1) Including "Gallician" 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	9,626	21	27	22	247	578	853	6,142	146	35	..	269	38	104	6
Prince Edward Island.....	59	7	1	1	1	4	5	17	..	..	..	5	1	..	..
Nova Scotia	85	..	5	1	3	13	6	37	..	1	..	7	..	4	..
New Brunswick	46	..	..	3	..	7	8	18	2	..	..	1	..	1	1
Quebec	512	2	3	..	145	28	28	194	8	3	..	7	1	5	1
Ontario	1,505	6	7	7	32	288	150	596	18	6	..	94	13	37	..
Manitoba	1,361	2	6	2	20	73	328	659	22	3	..	48	3	16	1
Saskatchewan	5,878	4	5	7	43	155	314	4,519	79	17	..	99	19	38	3
Alberta	139	..	..	1	1	7	9	80	17	1	..	4	1	2	..
British Columbia	47	..	..	..	..	3	5	20	..	4	..	4	..	1	..
Province not specified.....	3	..	..	..	..	..	..	2	..	..	..	..	..	..	..
BRITISH ISLES	1,614	2	12	5	18	121	133	653	27	8	1	288	43	104	3
England	1,035	..	5	4	13	78	82	400	20	6	1	238	12	42	1
Ireland	150	2	1	1	..	7	9	64	3	..	..	13	24	7	..
Scotland	379	..	6	..	5	31	35	164	4	2	..	33	7	52	..
Wales	45	..	..	..	..	4	6	24	..	..	..	4	..	2	2
Other	5	..	..	..	..	1	1	1	..	..	..	..	..	1	..
BRITISH POSSESSIONS	30	..	1	..	..	4	1	13	..	..	..	4	..	..	..
Newfoundland	7	..	..	..	..	1	..	3	..	..	..	1	..	..	..
Other	23	..	1	..	..	3	1	10	..	..	..	3	..	..	..
EUROPE	4,380	2	3	..	18	45	203	1,570	36	6	1	19	7	8	1
Austria	777	..	..	..	1	7	37	310	9	..	..	1	..	..	..
Belgium	46	..	..	..	4	1	5	20	..	..	..	1	..	..	..
Denmark	73	..	..	..	..	4	4	32	1	..	..	2	1	2	..
Finland	12	..	..	..	1	1	..	5	..	..	..	..	..	..	..
France	62	..	..	..	4	1	5	21	..	..	..	2	1	..	..
Germany	334	..	1	..	..	4	10	119	5	..	..	..	1	1	..
Holland	35	..	..	..	..	2	1	14	..	..	..	3	1	..	..
Hungary	252	..	..	..	1	2	2	98	..	1	..	1	..	1	..
Italy	5	..	..	..	..	..	..	3	..	..	..	..	..	..	..
Norway	203	1	1	..	1	8	4	84	3	..	..	1	..	3	1
Poland	769	..	..	..	2	1	37	237	7	1	..	..	..	..	..
Roumania	244	..	..	..	1	1	9	101	2	..	..	1	..	..	..
Russia (1)	1,256	..	1	..	2	7	76	401	7	3	1	2	1	..	..
Sweden	164	..	..	..	1	5	7	75	2	..	..	3	1	..	..
Other	148	1	..	..	..	1	6	50	..	1	..	2	1	1	..
ASIA	25	..	..	..	1	1	..	6	1	1	..	..	..	..	..
China	12	..	..	..	1	..	..	4	1	1	..	..	..	..	..
Japan	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other	11	..	..	..	..	1	..	2	..	..	..	..	..	..	..
United States	2,291	3	11	5	44	162	140	945	35	8	1	84	7	29	6
Various	15	..	..	..	..	..	2	8	..	..	..	..	..	1	..
Not specified	8	..	..	..	..	..	..	6	..	..	..	..	..	..	..
Children born to married mothers	17,989	28	54	32	328	911	1,332	9,343	245	58	3	664	95	246	16
Children born to unmarried mothers	651	1	3	1	3	17	47	481	8	2	1	9	2	6	1
Children born to all mothers..	18,640	29	57	33	331	928	1,379	9,824	253	60	4	673	97	252	17

(1) Including the Ukraine.

CLASSIFIED ACCORDING TO BIRTHPLACES OF PARENTS, 1937.

British Poss.		Birthplace of Mother																	United States	Various	Not specified
		Europe														Asia					
Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia (1)	Sweden	Other	China	Japan	Other			
4	52	13	4		18	33	2	22	1	18	70	16	134	13	15			2	715	1	4
					12	1													5		
					2	1									1				4		
					7	2													5		
2	3	3	1		1	2			1	1	2	1	1	1					67		
1	7	4	2		1	4		1		5	2	1	3	2	2				214		
1	36	2	1		5	20		15		8	49	14	85	10	11			2	90	1	
	2					1					4		1						315		4
										1			1						8		
																			6		
																			1		
4	4			1	2	6	4		1	4	3	1	10	4	2	2			144	2	
3	2			1	1	5	2		1	3	2	1	7	3	1	1			99	1	
											1			1					16		
1	1				1	1	2			1					1	1			28		
	1																		1	1	
4	418	11	17	5	22	133	10	139	2	61	497	107	648	32	67				283	4	
1	353					4		2			12	10	21						9		
		5			3														7		
			17		2					1									7		
				4															1		
		2			18								1						6		
						106	4	3			11	1	17						38		
							6												6		
		2				4		123			2	1	3		2				9		
									2												
	1			1						54	1		2	4					33		
	19					7					419	5	14		1				19		
	5					1		2			11	83	9		1				17		
3	27				1	9		6		1	37	8	575		1				85	4	
								1		5	2			28					33		
	4							2			2	1	5		58				13		
											1		1			4	1	5	3		
											1					4					
													1				1		1		
													1				5		2		
	4	1	5	1	5	29		6		28	15	8	69	15	8				616	1	
													2						1	1	
											1										1
12	478	25	26	7	47	201	16	167	4	111	588	132	864	64	92	6	1	7	1,768	9	5
1	4	1	1		1	1		2			12	3	4	1					38		
13	482	26	27	7	48	202	16	169	4	111	600	135	868	65	92	6	1	7	1,806	9	5

TABLE 32.—TOTAL LIVE BIRTHS AND LIVE BIRTHS IN INSTITUTIONS SHOWING THE NUMBER OF MOTHERS NON-RESIDENT IN THE PROVINCE, 1937.

	All live births		In institutions	
	Total	Mothers non-resident in province	Total	Mothers non-resident in province
Total for the province.....	18,640	54	8,293	33

MARRIAGES

The marriage rate per 1,000 of population for 1937 was 6.2 with 5,790 marriages being performed, a decrease of 378, or 6.1%, from the previous year.

Saskatchewan's popular marriage months, as in past years, were October and November. In these months, 1,697, or 29.3%, of the total number of marriages were solemnized.

Of the contracting parties 68.9% of the grooms and 85.7% of the brides were Canadian born.

TABLE 33.—MARRIAGES IN PROVINCE BY MONTHS AND RATE PER 1,000. 1921-1937.

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Rate
1921-1930	4,571	4,192	3,409	3,740	2,556	5,215	5,075	3,885	2,890	4,945	8,243	6,331	55,052	6.7
1931-1935	1,818	1,844	1,465	1,869	1,471	2,865	2,484	1,620	1,560	4,194	4,741	2,467	28,398	6.1
1935	287	324	297	326	249	584	541	370	292	1,120	1,087	559	6,036	6.5
1936	345	323	284	376	300	473	522	311	559	1,285	884	506	6,168	6.6
1937	316	262	327	359	306	626	567	381	577	1,011	686	372	5,790	6.2

TABLE 34.—AGE AND CONDITION OF MEN WHO MARRIED IN 1937.

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
Bachelors who married	184	1,685	2,029	924	314	109	45	10	9	1	5,310	
Spinsters	8	11	15	20	9	3	8	5	1	84	
Widows	2	11	7	6	3	2	.....	.....	.....	32	
Divorced women	
Total bachelors	184	1,695	2,051	946	340	121	50	18	14	1	5,426	
Widowers who married	3	20	31	40	21	30	26	7	4	187	
Spinsters	1	1	8	7	9	20	14	23	101	
Widows	1	1	1	5	2	1	11	
Divorced women	
Total widowers	3	21	32	49	29	40	51	23	10	299	
Divorced men who married	12	12	16	8	10	1	.....	.....	60	
Spinsters	1	.....	1	1	.....	.....	3	
Widows	1	1	.....	.....	.....	.....	2	
Divorced women	
Total divorced men	12	12	18	9	11	2	.....	.....	65	
Total men	184	1,698	2,084	990	407	159	101	71	37	11	5,790	

TABLE 35.—AGE AND CONDITION OF WOMEN WHO MARRIED IN 1937.

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													
Bachelors	1,832	2,196	994	215	48	13	7	3	2	.....	.....	.....	5,310
Widowers	35	43	42	30	16	10	7	1	2	.....	.....	1	187
Divorced men	8	22	18	7	3	2	.....	.....	.....	.....	.....	.....	60
Total spinsters	1,875	2,261	1,054	252	67	25	14	4	4	.....	.....	1	5,557
Widows who married													
Bachelors	2	8	14	14	19	5	8	5	3	4	2	.....	84
Widowers	1	2	2	6	14	15	21	14	11	6	6	3	101
Divorced men .....	.....	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....	3
Total widows	3	10	17	20	33	21	30	19	14	10	8	3	188
Divorced women who married													
Bachelors .....	.....	5	11	12	3	.....	.....	.....	.....	.....	.....	1	32
Widowers .....	.....	.....	1	2	3	.....	2	3	.....	.....	.....	.....	11
Divorced men .....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	2
Total divorced women .....	.....	5	12	15	7	.....	2	3	.....	.....	.....	1	45
Total women	1,878	2,276	1,083	287	107	46	46	26	18	10	8	5	5,790

DEPARTMENT OF PUBLIC HEALTH

TABLE 36.—MARRIAGES—AGES OF BRIDEGROOMS AND BRIDES, 1937.

Age of bridegroom	Total groomsmen	Age of bride																																				
		Under 16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45 and over						
Under 18	4																																					
18	20				1																																	
19	49	1	1	8	7	8	11	6	3																													
20	111	2	10	14	48	59	39	60	36	18	16	8	2	1	2	1																						
21	317	4	11	27	55	61	45	68	53	32	15	7	4	5	2																							
22	382	2	8	37	50	60	52	91	55	47	23	18	9	10	4	2	1																					
23	470	2	8	37	50	60	52	91	55	47	23	18	9	10	4	2	1																					
24	529	1	13	25	51	57	55	88	64	62	42	35	18	8	4	1	3	1	1																			
25	481	2	10	20	42	54	60	65	56	48	33	30	33	7	6	7	4	1	1																			
26	482	2	13	22	46	35	55	64	62	45	44	29	26	18	9	8	1	1	2																			
27	440	2	8	17	24	38	28	74	66	41	27	35	30	22	9	10	5	4																				
28	368	1	8	10	22	35	20	49	38	53	34	32	25	15	15	10	4	3	4																			
29	313	1	2	15	27	31	28	34	36	27	28	21	12	17	10	6	4	7	2	2																		
30	284		7	14	24	13	20	32	29	27	22	18	25	9	12	8	11	2	5	5	1																	
31	219		1	9	6	18	19	30	22	14	15	20	11	12	10	11	5	6	4	1	1	2																
32	200	2	1	3	6	9	15	19	21	22	19	12	18	8	14	8	8	2	7	2	1	3																
33	166	1	1	6	8	7	14	18	16	14	14	10	14	11	6	9	5	2	3	1	3																	
34	121		1	2	7	11	8	10	9	8	11	7	8	6	6	5	11	2	1	1	3																	
35	92			2	6	2	1	4	3	3	9	6	7	7	6	8	4	3	1	4	3	2																
36	103			2	1	4	3	4	3	4	10	9	6	12	9	6	3	5	3	3	2	2																
37	85			1	3	4	4	6	6	7	8	3	5	8	5	5	4	1	6	1	1	1																
38	71			1	1	2	1	5	10	7	2	7	10	3	3	3	5	5	1	2	1	1																
39	56			2	1	2	1	2	6	4	3	4	2	4	2	4	1	4	2	1	1	2																
40	39			1	1	1	1	2	5	3	1	3	1	3	1	2	2	1	4	2	1	1																
41	29			1	1	1	1	1	2	1	2	3	1	2	1	2	1	2	1	1	3	1																
42	36			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																
43	33	1																																				
44	22																																					
45	25																																					
46	20																																					
47	22																																					
48	16																																					
49	18																																					
50-54	71																																					
55-59	37																																					
60-64	33																																					
65-69	11																																					
70-74	6																																					
75-79	1																																					
80 and over	1																																					
Total brides	5,790	22	106	250	460	537	503	770	614	498	394	328	285	197	156	117	98	62	63	37	27	27	24	27	30	16	8	10	6	12	9	6	6	6		113		

TABLE 37.—MARRIAGES—BIRTHPLACE OF BRIDEGRROOMS AND BRIDES, 1937.

Birthplace of bridegroom	Birthplace of bride																				Total brides										
	Canada										British Isles											Europe									
	Prince Edward Is.	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	England	Ireland	Scotland	Wales	Other British	Austria	Belgium	Denmark	France	Germany	Holland		Hungary	Norway	Poland	Romania	Russia (1)	Sweden	Other	Asia	United States	Various
Canada	7	10	4	56	134	206	3,139	71	12	14	31	4	2	6	3	1	2	5			1	5	12	5	30	3	7	168			
Prince Edward Island	13						10																					1			
Nova Scotia	27	1			2		15	1			1	1																5			
New Brunswick	10				1		7																					9			
Quebec	76			14	3	4	42																					35			
Ontario	385	4		6	39	28	236	13		13	7			1														14			
Manitoba	393	1		1	11	51	281	5		11	6			1														99			
Saskatchewan	2,980	3		16	77	118	2,470	49		42	8			2														4			
Alberta	81				1	2	59	10		1	1																	1			
British Columbia	24						19	1																				1			
Province not specified	1																											1			
British Isles	542	1		4	22	38	342	10		4	15	1		1													30				
England	330	1		3	13	24	205	6		3	6	1		1													16				
Ireland	52			1	3	2	37	1		2	1			1													4				
Scotland	143				6	10	90	3		1	9																9				
Wales	15					2	9																				1				
Other	2						5																				1				
British Possessions	6						2																				1				
Newfoundland	3						3																					1			
Other	3						2																					1			
Europe	781			1	9	29	485	13		10	3			2													35				
Austria	68						48	2						9													1				
Belgium	10						8							1													3				
Denmark	28						17							3													1				
Finland	2						1																				1				
France	12						9																				1				
Germany	88						63							5													8				
Holland	13						1							2													1				
Hungary	50						25							1													1				
Italy	1						1																				1				
Norway	46						27																				3				
Poland	145						96							2													6				
Romania	40						27																				1				
Russia (1)	207						109							3													1				
Sweden	35						24							2													6				
Other	36						26							1													1				
Asia	6						4																				1				
China	3						1																				1				
Other	3						2																				1				
United States	462						300							1													52				
Various	3						2																				1				
Total brides	5,790	7	16	8	45	183	304	106	16	153	19	56	5	6	22	6	4	17	3	22	15	53	8	122	6	17	1	285	2		

(1) Including the Ukraine.

TABLE 38.—MARRIAGES—DENOMINATIONS OF CONTRACTING PARTIES, 1937.

Denomination of groom	Denomination of bride																	Total brides								
	Total grooms	Adventists	Anglicans	Baptists	Brethren	Christians	Christian Science	Church of Christ	Evangelicals	Greek Catholics	Greek Orthodox	Holiness Movement	Jews	Lutherans	Mennonites	Mormons	Pentecostal		Presbyterians	Protestants	Roman Catholics	Salvation Army	United Brethren	United Church	No religion	Other sects
Adventists	18	15	1	8		2	2	1		7	6			1	1		2	43		62	5		207	2	5	
Anglicans	750	347	14	46						2	3			44	5		1	5		10			22		3	
Baptists	125	2		2	2									16	1			1					1			
Brethren	6				2																		2			
Christians	8					6																	2			
Christian Science	3		1											1									2			
Church of Christ	12		1			6								2									3			
Evangelicals	12							1	7																	
Friends	2													1												
Greek Catholics	284		1	4						218	16			5				2		34			4			
Greek Orthodox	235	1	3	2						18	178			2		1		2		11		10				5
Holiness Movement	4						1				3															
Jews	14												12													1
Lutherans	694	4	35	11	1		1	1	6	4	8			392	8		4	18	1	45	2		133	4	17	1
Mennonites	200		3	2										1	189					2			2		1	
Mormons	5														1											
Pentecostal	57	1	1		1									1	1		44	1		1			1			2
Presbyterians	334		51	13	1		1	1		4	2	1		19	2	1	5	124		32	2		70		6	
Protestants	3																		3							
Roman Catholics	1,237		49	8			1		2	41	11	1		45	2	1	2	19		976	1		70	3	5	
Salvation Army	15		1											2				1					1			
United Brethren	3																						1			
United Church	1,609	3	161	30		1	3	3		7	8			88	7	2	4	37		1	2	1	1,162	2	12	
No religion	34	1	3	1						2	4			2	1	2	1	1		4			3	13	1	
Other sects	125	1	5	2		2				1	4			5	2	1		2		3			6		92	
Not stated	1		1																							
Total brides	5,790	29	681	130	5	11	7	13	15	304	236	5	12	627	218	9	63	256	5	1,257	23	2	1,705	24	153	

TABLE 39.—MARRIAGES—LITERACY OF BRIDEGROOMS AND BRIDES, CLASSIFIED BY BIRTHPLACE, 1937.

Birthplace	Bridegrooms			Brides		
	Total	Illiterate	Per cent. illiterate	Total	Illiterate	Per cent. illiterate
Total	5,790	49	0.8	5,790	55	0.9
Canada	3,990	39	1.0	4,962	41	0.8
Prince Edward Island	13	.....	.....	7	.....	.....
Nova Scotia	27	.....	.....	16	.....	.....
New Brunswick	10	.....	.....	8	.....	.....
Quebec	76	2	2.6	45	.....	.....
Ontario	385	.....	.....	183	.....	.....
Manitoba	393	2	0.5	304	4	1.3
Saskatchewan	2,980	34	1.1	4,277	36	0.8
Alberta	81	1	1.2	106	1	0.9
British Columbia	24	.....	.....	16	.....	.....
Province not specified	1	.....	.....	.....	.....	.....
British Isles	542	.....	.....	233	.....	.....
England	330	.....	.....	153	.....	.....
Ireland	52	.....	.....	19	.....	.....
Scotland	143	.....	.....	56	.....	.....
Wales	15	.....	.....	5	.....	.....
Other	2	.....	.....	.....	.....	.....
British Possessions	6	.....	.....	6	.....	.....
Newfoundland	3	.....	.....	.....	.....	.....
Other	3	.....	.....	6	.....	.....
Europe	781	9	1.2	301	13	4.3
Austria	68	.....	.....	22	3	13.6
Belgium	10	.....	.....	6	.....	.....
Denmark	28	.....	.....	6	.....	.....
Finland	2	.....	.....	1	.....	.....
France	12	.....	.....	4	.....	.....
Germany	88	.....	.....	17	.....	.....
Holland	13	.....	.....	3	.....	.....
Hungary	50	1	2.0	22	1	4.5
Italy	1	.....	.....	1	.....	.....
Norway	46	.....	.....	15	.....	.....
Poland	145	4	2.8	53	6	11.3
Roumania	40	2	5.0	8	1	12.5
Russia (¹)	207	2	1.0	122	2	1.6
Sweden	35	.....	.....	6	.....	.....
Other	36	.....	.....	15	.....	.....
Asia	6	.....	.....	1	.....	.....
China	3	.....	.....	.....	.....	.....
Other	3	.....	.....	1	.....	.....
United States	462	1	0.2	285	1	0.4
Various	3	.....	.....	2	.....	.....

(¹) Including the Ukraine.

DIVORCES

One hundred and eight returns of decree absolute filed during 1937 place the year's divorce rate per 1,000 marriages at 18.7. In 1936, the number of divorces was 79 and the rate 12.8.

Husbands were plaintiffs in 40.7% and the wives in 59.3% of the actions.

TABLE 40.—DIVORCES, 1937.

Number of divorces granted	108
Plaintiffs, husbands	44
Plaintiffs, wives	64
Number of divorces granted to persons who were married in Saskatchewan	73

TABLE 41.—DIVORCES, 1937. REASON FOR DECREE.

Reason	Husband	Wife	Total
Adultery	61	43	104
Bigamy .....	.....	1	1
Both minors and non-consummation of marriage	1	.....	1
Cruelty and adultery	1	.....	1
Impotence	1	.....	1
Total	64	44	108

TABLE 42.—DIVORCES, 1937. NUMBER OF YEARS MARRIED.

Number of years married	Number of divorces	Number of years married	Number of divorces
2 years	4	16 years	3
3 years	3	17 years	4
4 years	4	18 years	5
5 years	4	19 years	5
6 years	3	20 years	2
7 years	9	21 years	1
8 years	7	23 years	5
9 years	5	24 years	1
10 years	10	25 years	2
11 years	4	26 years	1
12 years	3	27 years	2
13 years	6	30 years	1
14 years	9	36 years	1
15 years	4		

TABLE 43.—DIVORCES, 1937. RELIGIOUS DENOMINATION OF THOSE WHO WERE MARRIED IN SASKATCHEWAN.

Denomination	Husband	Wife	Total
Anglican	9	16	25
Baptist	2	6	8
Brethren	1	.....	1
Episcopal .....	.....	1	1
Evangelical	1	.....	1
Greek Catholic	2	1	3
Greek Orthodox	1	1	2
Hebrew	3	2	5
Lutheran	7	6	13
Mennonite	1	.....	1
Methodist	8	2	10
Presbyterian	15	14	29
Roman Catholic	10	10	20
United Church	13	14	27

TABLE 44.—DIVORCES GRANTED, 1920-1937.

Year	By whom obtained		Total
	Husband	Wife	
1920-1925	153	71	224
1926-1930	167	127	294
1931	24	27	51
1932	27	34	61
1933	23	25	48
1934	23	39	62
1935	26	34	60
1936	39	40	79
1937	44	64	108
Total	526	461	987

DEATHS

An increase of 613 deaths, 9.7% more than the previous year, is indicated by the 6,927 deaths, exclusive of stillbirths, which were registered for 1937. The death rate, still the lowest in the Dominion, increased correspondingly to 7.4 per 1,000 of population.

Deaths registered for 1936 were 6,314 and the rate was 6.6.

TABLE 45.—DEATHS IN PROVINCE BY MONTHS AND RATES, 1933-1937.
(Stillbirths excluded.)

Months	1933		1934		1935		1936		1937	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
January	688	8.9	453	5.8	608	7.9	506	6.5	665	8.5
February	539	6.9	442	5.7	477	6.2	598	7.7	748	9.6
March	548	7.0	554	7.1	592	7.7	601	7.7	720	9.2
April	536	6.9	556	7.1	558	7.1	557	7.2	662	8.5
May	482	6.2	522	6.7	579	7.5	565	7.3	588	7.5
June	455	5.8	476	6.1	520	6.7	473	6.1	545	7.0
July	416	5.3	466	6.0	487	6.3	488	6.3	468	6.0
August	508	6.5	472	6.1	462	6.0	413	5.3	513	6.6
September	453	5.8	448	5.8	420	5.5	518	6.7	479	6.1
October	456	5.9	507	6.5	499	6.4	538	6.9	536	6.8
November	463	5.9	471	6.1	441	5.7	505	6.5	523	6.7
December	480	6.2	557	7.1	483	6.2	552	7.1	480	6.1
Year	6,024	6.4	5,924	6.3	6,126	6.6	6,314	6.8	6,927	7.4

TABLE 46.—URBAN AND RURAL DEATHS BY MONTHS AND RATE PER 1,000, 1937.
(By Place of Residence. Stillbirths excluded.)

Months	Urban		Rural		Province	
	No.	Rate	No.	Rate	No.	Rate
January	153	10.2	512	8.1	665	8.5
February	162	10.9	586	9.3	748	9.6
March	103	6.9	617	9.7	720	9.2
April	113	7.6	549	8.7	662	8.5
May	121	8.1	467	7.4	588	7.5
June	103	6.9	442	7.0	545	7.0
July	100	6.7	368	5.8	468	6.0
August	119	8.0	394	6.2	513	6.6
September	105	7.0	374	5.9	479	6.1
October	110	7.4	426	6.7	536	6.8
November	108	7.2	415	6.6	523	6.7
December	109	7.3	371	5.9	480	6.1
Year	1,406	7.8	5,521	7.3	6,927	7.4

TABLE 47.—DEATHS IN CITIES BY MONTHS AND RATES PER 1,000, 1937. (By Place of Residence. Stillbirths excluded.)

Cities	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Rate
Moose Jaw	22	16	13	14	15	15	7	15	18	19	15	15	184	9.2
North Battleford	4	9	2	2	2	2	2	2	4	6	6	3	45	9.5
Prince Albert	14	11	1	15	11	7	6	6	7	4	11	7	100	9.0
Regina	35	50	30	23	37	27	30	30	28	30	23	38	381	7.1
Saskatoon	40	31	21	32	24	23	21	37	26	20	19	21	315	7.5
Swift Current	3	3	1	4	2	6	5	5	2	1	3	2	37	7.2
Weyburn	2	2	4	4	2	4	2	2	1	2	3	3	31	5.8
Yorkton	7	2	3	1	3	2	4	2	1	3	4	1	33	6.6
All cities	127	124	75	95	97	86	77	99	87	85	84	90	1,126	7.6

TABLE 48.—DEATHS BY MONTHS IN CITIES, TOWNS AND VILLAGES, RURAL MUNICIPALITIES AND PROVINCE AND RATES PER 1,000, 1937. (By Place of Residence. Stillbirths excluded.)

	Cities			Towns			Villages			Rural Municipalities			Province				
	M.	F.	Rate	M.	F.	Rate	M.	F.	Rate	M.	F.	Rate	M.	F.	Rate		
January	77	50	10.3	33	29	62	12.0	40	39	79	12.9	245	152	395	270	665	8.5
February	63	61	10.1	42	34	76	14.8	47	32	79	12.9	267	202	419	329	748	9.6
March	32	43	6.1	33	32	65	12.6	45	37	82	13.4	285	213	395	325	720	9.2
April	52	43	7.7	30	19	49	9.5	39	35	74	12.1	255	189	376	286	662	8.5
May	58	39	7.9	23	27	50	9.7	36	22	58	9.5	227	156	344	244	588	7.5
June	38	48	7.0	28	11	39	7.6	30	32	62	10.1	216	142	312	233	545	7.0
July	53	24	6.3	25	22	47	9.1	29	15	44	7.2	191	109	298	170	468	6.0
August	61	38	8.1	28	16	44	8.6	26	20	46	7.5	214	110	329	184	513	6.6
September	46	41	7.1	24	9	33	6.4	23	25	48	7.8	184	127	277	202	479	6.1
October	49	36	6.9	33	21	54	10.5	26	30	56	9.1	195	146	303	233	536	6.8
November	54	30	6.8	27	20	47	9.1	28	28	56	9.1	193	143	302	221	523	6.7
December	60	30	7.3	18	22	40	7.8	22	29	51	8.3	187	112	287	193	480	6.1
Year	643	483	7.6	344	262	606	9.8	391	344	735	10.0	2,659	1,801	4,037	2,890	6,927	7.4

COMMUNICABLE DISEASES

Increasing 40.4% over the previous year, deaths from communicable diseases were 1,205 during 1937. This represents a numerical increase of 347 over 1936, largely due to the increase of measles deaths from 39 to 252 and influenza deaths from 282 to 404. The death rate per 100,000 of population for 1937 was 128.3 and for 1936, 92.2.

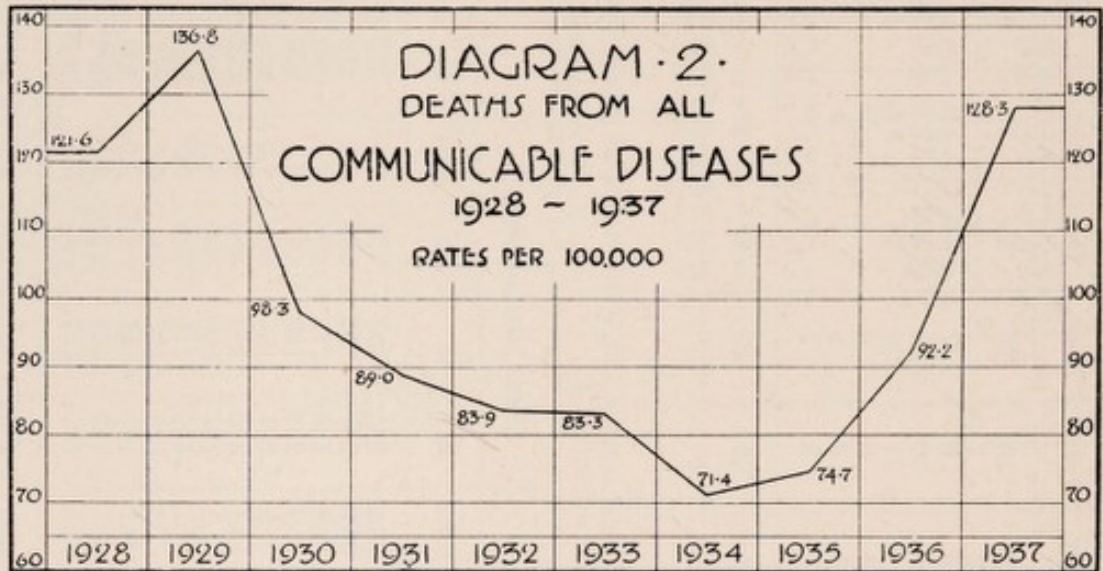


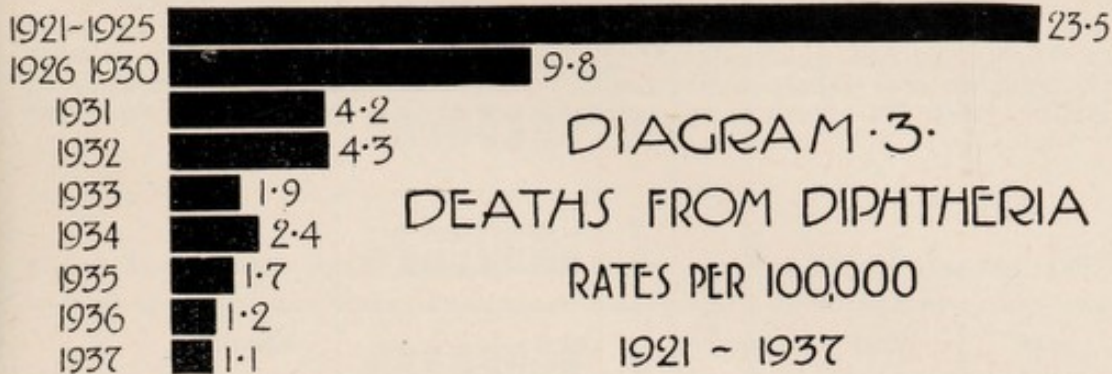
TABLE 49.—DEATHS FROM COMMUNICABLE DISEASES AND RATES PER 100,000. 1933-1937.

Disease	1933		1934		1935		1936		1937	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Typhoid and paratyphoid fever.....	19	2.0	24	2.6	14	1.5	23	2.5	36	3.8
Undulant fever .....	.....	.....	2	.2	3	.3	1	.1	1	.1
Smallpox	1	.1	.....	.....	2	.2	.....	.....	.....	.....
Measles	5	.5	16	1.7	34	3.7	39	4.2	252	26.8
Scarlet fever	12	1.3	5	.5	10	1.1	16	1.7	16	1.7
Whooping cough	34	3.6	68	7.3	90	9.7	50	5.4	47	5.0
Diphtheria	18	1.9	22	2.4	16	1.7	11	1.2	10	1.1
Influenza	318	34.1	145	15.6	168	18.0	282	30.3	404	43.0
Dysentery	12	1.3	13	1.4	10	1.1	36	3.9	27	2.9
Erysipelas	9	1.0	19	2.0	15	1.6	34	3.7	13	1.4
Acute poliomyelitis	8	.9	10	1.1	5	.5	9	1.0	22	2.3
Lethargic encephalitis	4	.4	4	.4	6	.6	11	1.2	7	.7
Epidemic cerebrospinal meningitis.....	7	.7	10	1.1	10	1.1	12	1.3	6	.6
Tetanus	1	.1	1	.1	2	.2	2	.2	4	.4
Tuberculosis	297	31.9	293	31.4	272	29.2	279	30.0	303	32.3
Syphilis	10	1.1	18	1.9	17	1.8	29	3.1	34	3.6
Gonococcus infection	1	.1	.....	.....	1	.1	.....	.....	1	.1
Purulent infection septicaemia	14	1.5	13	1.4	10	1.1	15	1.6	14	1.5
Other infectious diseases	3	.3	2	.2	8	.9	9	1.0	8	.9

TABLE 50.—DEATHS FROM COMMUNICABLE DISEASES IN CITIES, 1937. (By Place of Residence.)

Disease	Moose Jaw	North Battle- ford	Prince Albert	Regina	Saska- toon	Swift Current	Wey- burn	Yorkton	Total	Rate per 100,000
Typhoid and paratyphoid (1-2)	10	..	..	1	1	..	..	..	12	8.1
Measles (7)	2	..	..	2	1	..	..	..	3	2.0
Scarlet fever (8)	..	..	..	..	..	..	..	..	2	1.4
Whooping cough (9)	..	..	..	..	..	1	..	..	1	.7
Diphtheria (10)	..	1	..	..	..	..	..	..	1	.7
Influenza (11)	7	7	4	15	11	3	2	..	49	33.3
Dysentery (13)	..	..	1	1	1	..	..	..	2	1.4
Erysipelas (15)	..	..	..	1	1	..	..	..	2	1.4
Acute poliomyelitis (16)	..	..	..	1	1	..	..	..	2	1.4
Lethargic encephalitis (17)	..	..	..	..	1	..	..	..	1	.7
Epidemic cerebrospinal meningitis (18)	..	..	1	..	..	..	..	1	2	1.4
Tuberculosis (23-32)	2	2	5	14	5	1	2	3	34	23.1
Syphilis (34)	2	..	1	6	3	..	1	..	13	8.8
Purulent infection (36)	1	..	2	3	12	..	..	..	18	12.2
Other infectious diseases (44)	..	..	..	1	1	1	..	..	3	2.0
Total	24	10	14	45	37	6	5	4	145	98.5
Rate per 100,000	120.2	210.1	125.6	83.6	87.9	117.2	92.9	80.4	98.5	

DIPHTHERIA



Active immunization to protect against diphtheria by means of toxin, antitoxin and toxoid was commenced in 1923.

MORTALITY LEADERS

Information concerning the most important causes of death is given in the following tables. Deaths from these causes totalled 4,152, this being 59.9% of all deaths in Saskatchewan during 1937.

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

TABLE 51.—MORTALITY LEADERS, 1937. RATE PER 100,000
(By Place of Residence.)

List No.	Causes	Urban		Rural		Province	
		No.	Rate	No.	Rate	No.	Rate
7	Measles .....	.....	.....	.....	.....	252	26.8
11	Influenza	76	42.4	328	43.2	404	43.0
23-32	Tuberculosis	38	21.2	265	34.9	303	32.3
45-53	Cancer	174	97.1	515	67.8	689	73.4
90-95	Heart diseases	215	120.0	664	87.4	879	93.6
96-97-99-102	Diseases of the arteries...	123	68.7	315	41.5	438	46.6
107-109	Pneumonia and broncho- pneumonia	89	49.7	478	62.9	567	60.4
130-132	Nephritis (acute and chronic)	65	36.3	203	26.7	268	28.5
176-194	Accidental deaths	76	42.4	276	36.3	352	37.5

NOTE.—Deaths from measles were not tabulated as urban and rural for 1937.

TABLE 52.—MORTALITY LEADERS, 1926-1937, AND RATES PER 100,000.

List No.	Causes	1926-1930		1931-1935		1935		1936		1937	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
11	Influenza	1,607	37.9	1,143	24.6	168	18.0	282	30.3	404	43.0
23-32	Tuberculosis	1,935	44.9	1,469	31.6	272	29.2	279	30.0	303	32.3
45-53	Cancer	2,293	53.2	3,013	64.8	631	67.8	710	76.3	689	73.4
90-95	Heart diseases	2,927	67.9	3,819	82.1	859	92.3	877	94.2	879	93.6
96-97-99-102	Diseases of the arteries	1,003	23.3	1,363	29.3	326	35.0	386	41.5	438	46.6
107-109	Pneumonia and bronchopneumonia	2,629	61.0	2,209	47.5	531	57.0	440	47.3	567	60.4
130-132	Nephritis (acute and chronic)	1,161	26.9	1,314	28.2	268	28.8	246	26.4	268	28.5
176-194	Accidental deaths	1,769	41.0	1,700	36.6	326	35.0	360	38.7	352	37.5

MEASLES

A disease resulting in comparatively small mortality during the past ten years, the largest number of deaths for one year in that time being 39 in 1936, measles caused 252 deaths in 1937, the death rate being 26.8 per 100,000 of population. An epidemic among the Indians is responsible to a considerable extent for this increase. Out of the total number of deaths 149 were Indians.

TABLE 53.—DEATHS FROM MEASLES AND RATES PER 100,000 BY MONTHS, 1937.

Month	Male	Female	Total	Rate
January	14	15	29	37.1
February	13	13	26	33.2
March	32	32	64	81.8
April	20	20	40	51.1
May	15	12	27	34.5
June	9	5	14	17.9
July	4	9	13	16.6
August	4	3	7	8.9
September	1	3	4	5.1
October	1	5	6	7.7
November	7	11	18	23.0
December	1	3	4	5.1
Total	121	131	252	26.8

TABLE 54.—DEATHS FROM MEASLES AND RATES PER 100,000 OF POPULATION IN EACH AGE PERIOD, 1937.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years	87	71	158	167.2	9.5
5-9 years	13	11	24	23.3	14.0
10-14 years	12	8	20	18.7	12.9
15-19 years	3	14	17	16.1	9.4
20-29 years	2	16	18	11.1	5.1
30-39 years	2	5	7	6.2	2.0
40-49 years	1	2	3	2.8	.7
50-59 years .....	.....	1	1	1.2	.1
60-69 years	1	3	4	10.1	.4
All ages	121	131	252	26.8	3.6

INFLUENZA

In 1937, deaths from this cause numbered 404, an increase of 122, or 43.3%, over 1936. The death rate for the year was 43.0.

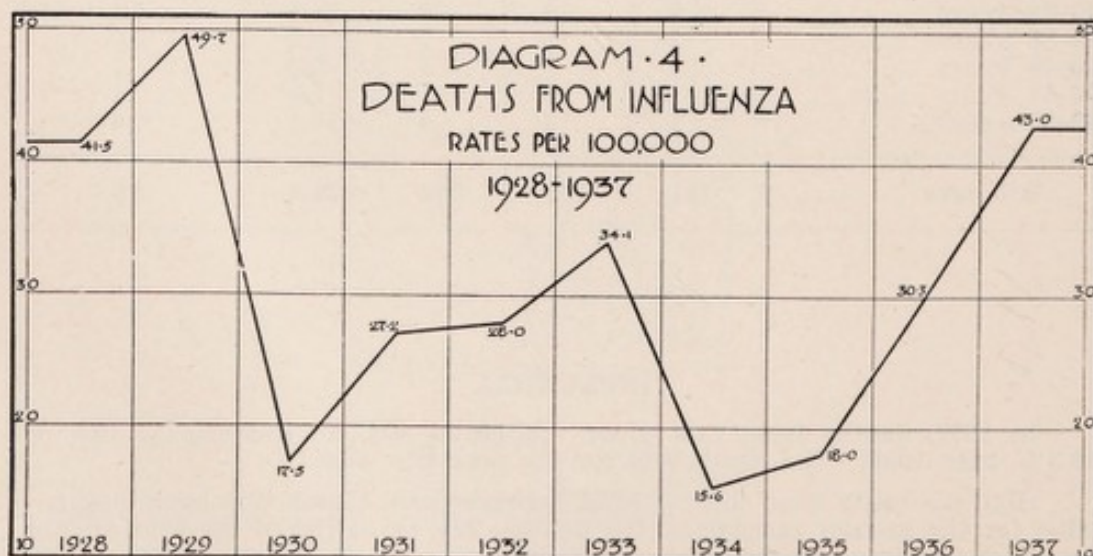
High mortality from this cause in February and March was again responsible for the greater number of the deaths, 221, or 54.7% of the total deaths occurring in these months.

TABLE 55.—DEATHS FROM INFLUENZA AND RATES PER 100,000 BY MONTHS, 1937.

Month	Male	Female	Total	Rate
January	40	29	69	88.2
February	58	67	125	159.7
March	52	44	96	122.7
April	16	19	35	44.7
May	9	13	22	28.1
June	3	6	9	11.5
July	8	2	10	12.8
August	3	3	6	7.7
September	4	4	8	10.2
October	1	1	2	2.6
November	4	5	9	11.5
December	10	3	13	16.6
Total	208	196	404	43.0

TABLE 56.—DEATHS FROM INFLUENZA AND RATES PER 100,000 OF POPULATION IN EACH AGE PERIOD, 1937.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years	61	56	117	123.8	7.0
5-9 years	14	5	19	18.4	11.0
10-14 years	3	3	6	5.6	3.9
15-19 years	7	6	13	12.3	7.2
20-29 years	8	13	21	12.9	6.0
30-39 years	11	12	23	20.4	6.6
40-49 years	15	8	23	21.4	5.1
50-59 years	27	16	43	51.4	5.0
60-69 years	23	17	40	100.8	4.0
70-79 years	18	34	52	292.0	4.9
80 years and over	21	25	46	1,069.5	6.6
Unknown .....	....	1	1	458.7	12.5
All ages	208	196	404	43.0	5.8



TUBERCULOSIS

The deaths from this cause numbered 303, an increase of 24 over 1936.

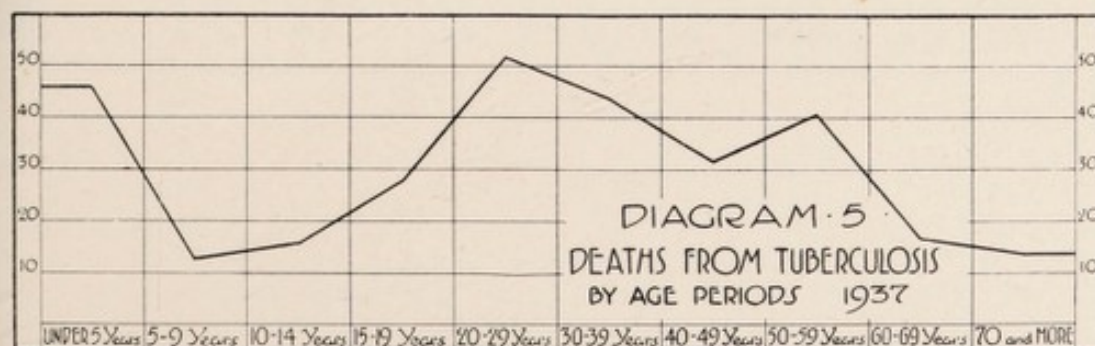
The following rural municipalities are in restricted areas for the eradication of bovine tuberculosis: Wolseley 155, Indian Head 156, South Qu'Appelle 157, Edenwold 158, Sherwood 159, Abernethy 186, North Qu'Appelle 187, Lumsden 189, Tullymet 216, Lipton 217, Cupar 218, Longlaketon 219, McKillop 220, Millington 249, Last Mountain 250, Big Arm 251, Mount Hope 279, Wreford 280, Wood Creek 281, Morris 312, Lost River 313, Durndurn 314, Montrose 315, Blucher 343, Cory 344, Loganton 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
156	1	Tuberculous meningitis	1	2 years
159	1	Tuberculous meningitis	1	1 year
159	1	Miliary tuberculosis	1	11 years

TABLE 57.—DEATHS FROM TUBERCULOSIS AND RATES PER 100,000 OF POPULATION IN EACH AGE PERIOD, 1937.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years	28	18	46	48.7	2.8
5-9 years	5	8	13	12.6	7.6
10-14 years	5	11	16	15.0	10.3
15-19 years	11	17	28	26.5	15.5
20-29 years	19	33	52	31.9	14.8
30-39 years	25	19	44	39.0	12.7
40-49 years	18	14	32	29.7	7.1
50-59 years	27	14	41	49.0	4.8
60-69 years	12	5	17	42.8	1.7
70-79 years	5	4	9	50.5	.8
80 years and over	1	3	4	93.0	.6
Unknown .....	...	1	1	458.7	12.5
All ages	156	147	303	32.3	4.4



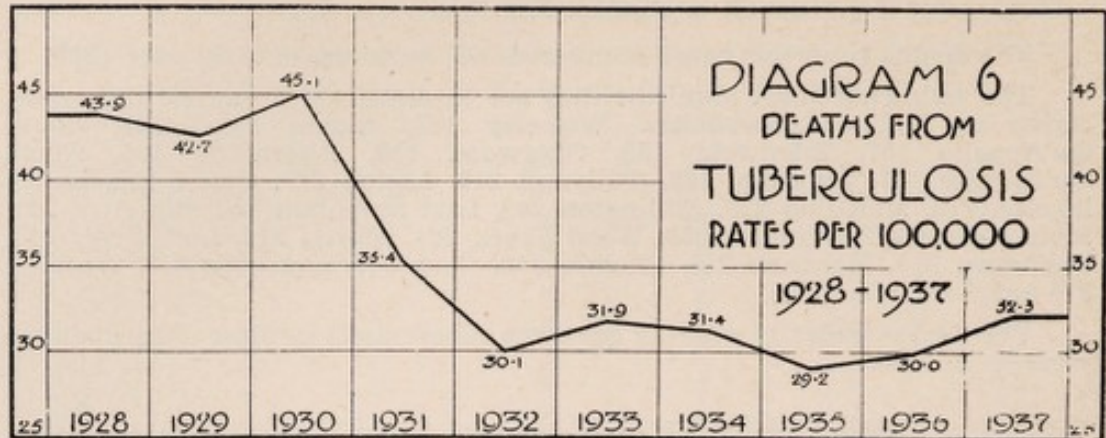


TABLE 58.—DEATHS FROM TUBERCULOSIS BY BIRTHPLACE OF DECEASED, 1937.

Birthplace	Number	Percentage of total deaths from tuberculosis
Quebec	6	2.0
Ontario	21	6.9
Manitoba	6	2.0
Saskatchewan	189	62.4
British Columbia	1	0.3
Province not specified .....	.....	.....
Total for Canada	223	73.6
United Kingdom	15	5.0
United States	16	5.3
Other countries	48	15.8
Total for other countries	79	26.1
Not specified	1	0.3

TABLE 59.—DEATHS FROM TUBERCULOSIS BY OCCUPATION OF DECEASED, 15 YEARS AND OVER, 1937.

Occupation	Male		Female	
	Number	Per cent. of total deaths in each occupation	Number	Per cent. of total deaths in each occupation
Farmers and farmers' sons	55	3.1	2	4.1
Labourers	14	6.3	.....	.....
Hunters and trappers	12	33.3	.....	.....
Manufacture of textile goods and wearing apparel .....	.....	.....	3	20.0
Manufacture of metal products	1	4.3	.....	.....
Building and construction	5	8.8	.....	.....
Transportation and public utilities	2	6.7	.....	.....
Warehousing and storage	1	25.0	.....	.....
Trade	7	5.3	.....	.....
Public administration and defence	1	8.3	.....	.....
Professional service	2	16.7	3	12.5
Entertainment and sport	1	16.7	.....	.....
Personal workers	2	5.6	76	4.2
Foundry workers .....	.....	.....	1	25.0
Office employees	1	3.2	1	12.5
No occupation	14	14.9	21	14.5
Occupation not available .....	.....	.....	2	25.0

TABLE 60.—PROPORTIONATE MORTALITY (Stillbirths excluded) FROM TUBERCULOUS DISEASES BY DIVISIONAL PERIODS OF LIFE, 1921-1937.

Year	Under 20		20-39		49-59		60 and over	
	Tuber- culous dis- eases	All other causes	Tuber- culous dis- eases	All other causes	Tuber- culous dis- eases	All other causes	Tuber- culous dis- eases	All other causes
1921-1925	3.0%	97.0%	19.5%	80.5%	6.9%	93.1%	1.7%	98.3%
1926-1930	4.9%	95.1%	18.9%	81.1%	7.1%	92.9%	1.7%	98.3%
1931	5.2%	94.8%	17.5%	82.5%	5.6%	94.4%	1.1%	98.9%
1932	4.4%	95.6%	16.4%	83.6%	6.0%	94.0%	.6%	99.4%
1933	5.0%	95.0%	16.7%	83.3%	5.4%	94.6%	1.0%	99.0%
1934	5.1%	94.9%	18.5%	81.5%	4.4%	95.6%	1.2%	98.8%
1935	3.6%	96.4%	16.6%	83.4%	5.8%	94.2%	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%

TABLE 61.—DEATHS FROM TUBERCULOSIS IN PUBLIC AND PRIVATE INSTITUTIONS, 1937.

Location	Name	No.
Bienfait	Hospital	1
Eston	Union Hospital	1
Fort Qu'Appelle	Fort San	43
Fort Qu'Appelle	Indian Hospital	2
Hafford	Hospital	2
Humboldt	St. Elizabeth's Hospital	1
Ile a la Crosse	St. Joseph's Hospital	3
Kelvington	Union Hospital	1
Lashburn	Union Hospital	1
Lloydminster	Hospital	1
Lucky Lake	Community Hospital	1
Maple Creek	General Hospital	1
Meadow Lake	Hospital	1
Melfort	Lady Minto Hospital	1
Moosomin	Hospital	1
Moose Jaw	General Hospital	3
Moose Jaw	Providence Hospital	1
North Battleford	Notre Dame Hospital	3
North Battleford	Provincial Hospital	9
Prince Albert	Sanatorium	38
Prince Albert	Holy Family Hospital	6
Regina	General Hospital	9
Regina	Grey Nuns' Hospital	2
Rosthern	St. John's Hospital	1
Saskatoon	Sanatorium	15
Saskatoon	St. Paul's Hospital	3
Wadena	Union Hospital	1
Weyburn	Provincial Hospital	9
Yorkton	Queen Victoria Hospital	2
Total		163

CANCER

Cancer deaths in 1937 numbered 689 with a rate of 73.4 per 100,000 of population. This is a decrease of 21 from the 1936 figure of 710, which was the highest number of deaths from this cause ever recorded for one year in Saskatchewan.

TABLE 62.—DEATHS FROM CANCER BY ORGANS AND SEX AND RATE PER 100,000 POPULATION, 1937.

Organ	Male	Female	Total	Rate per 100,000
Buccal cavity and pharynx	22	3	25	2.7
Digestive tract and peritoneum	240	139	379	40.4
Respiratory organs	19	9	28	3.0
*Uterus .....	.....	45	45	10.3
*Other female genital organs .....	.....	15	15	3.4
Breast	2	67	69	7.3
*Male genito-urinary organs	61	.....	61	12.1
Skin	9	2	11	1.2
Other or unspecified organs	31	25	56	6.0
Total	384	305	689	73.4

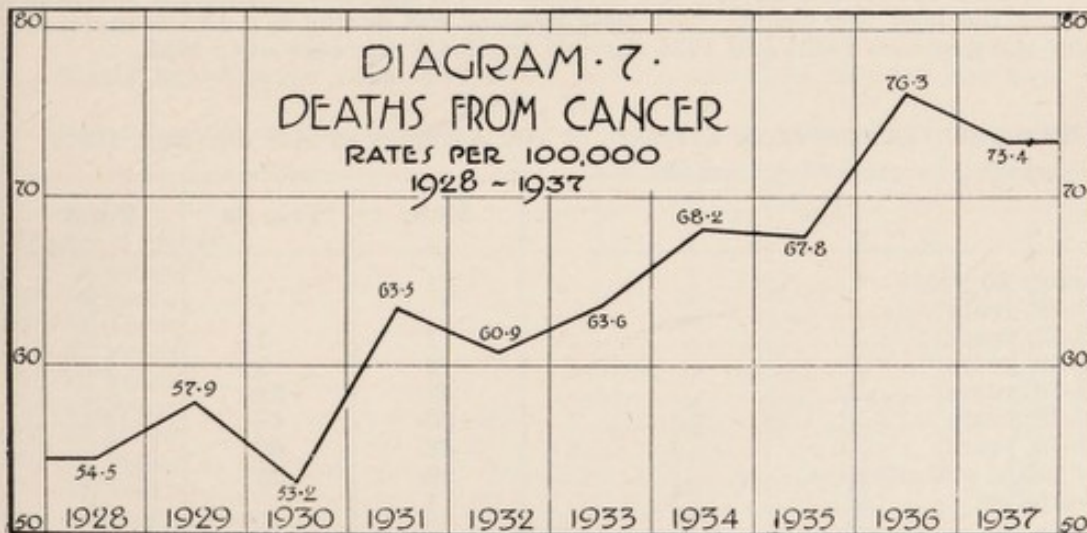
*Rate for male or female population.

TABLE 63.—DEATHS FROM CANCER AND RATES PER 100,000 IN EACH AGE PERIOD, 1937.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 20 years	6	5	11	2.7	.5
20-29 years	5	2	7	4.3	2.0
30-39 years	9	22	31	27.5	8.9
40-49 years	38	47	85	79.0	18.9
50-59 years	84	76	160	191.3	18.7
60-69 years	118	66	184	463.5	18.6
70-79 years	97	65	162	909.6	15.2
80 years and over	27	22	49	1,139.3	7.1
Total	384	305	689	73.4	9.9

TABLE 64.—DEATHS FROM CANCER, 1914-1937. RATES PER 100,000 AND RATES PER 1,000 DEATHS FROM ALL CAUSES.

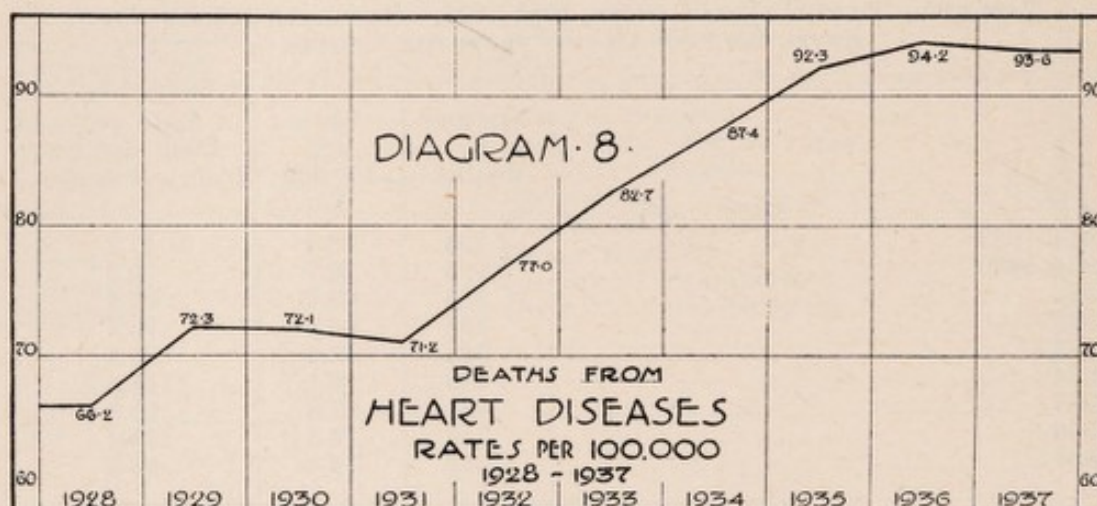
Years	Number of deaths	Rate per 100,000	Rate per 1,000 deaths from all causes
1914-1923	2,328	33.4	41.2
1924-1930	2,995	50.7	70.2
1931	585	63.5	96.4
1932	568	60.9	93.4
1933	593	63.6	98.4
1934	636	68.2	107.4
1935	631	67.8	103.0
1936	710	76.3	112.4
1937	689	73.4	99.5



HEART DISEASES

TABLE 65.—DEATHS FROM HEART DISEASES AND RATES PER 100,000 IN EACH AGE PERIOD, 1937.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 10 years.....	5	5	10	5.1	.5
10-19 years	5	6	11	5.2	3.3
20-29 years	8	5	13	8.0	3.7
30-39 years	11	16	27	24.0	7.8
40-49 years	22	26	48	44.6	10.7
50-59 years	98	47	145	173.4	16.9
60-69 years	149	63	212	534.1	21.4
70-79 years	148	102	250	1,403.7	23.5
80 years and over	94	69	163	3,789.8	23.5
All ages	540	339	879	93.6	12.7



DISEASES OF THE ARTERIES

Deaths from diseases of the arteries have shown a consistent increase during the past few years. The 1937 total of 438 deaths is a 13.5% increase over the previous year, and 1936 showed an 18.4% increase over 1935.

TABLE 66.—DEATHS FROM DISEASES OF THE ARTERIES BY AGE AND SEX, 1937.

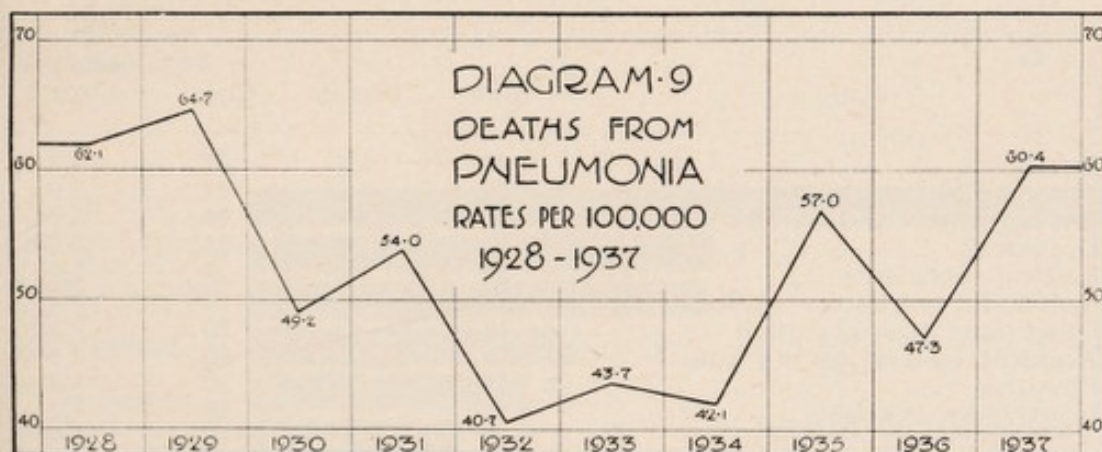
Age	Male	Female	Total
Under 20 years	1	.....	1
20-29 years .....	.....	1	1
30-39 years	1	1	2
40-49 years	6	9	15
50-59 years	32	21	53
60-69 years	80	48	128
70-79 years	82	69	151
80 years and over	58	28	86
Unknown	1	.....	1
All ages	261	177	438

PNEUMONIA

An increase of 127, or 28.9%, over the number of deaths from this cause in 1936 is reported for 1937. A total of 567 deaths were recorded, giving a rate of 60.4 per 100,000 of population for the year. The rate in 1936 was 47.3.

TABLE 67.—DEATHS FROM PNEUMONIA AND RATES PER 100,000 IN EACH AGE PERIOD, 1937.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 5 years	152	109	261	276.3	15.7
5- 9 years	6	5	11	10.7	6.4
10-14 years	6	6	12	11.2	7.7
15-19 years	5	2	7	6.6	3.9
20-29 years	4	10	14	8.6	4.0
30-39 years	10	9	19	16.9	5.5
40-49 years	15	12	27	25.1	6.0
50-59 years	33	9	42	50.2	4.9
60-69 years	35	18	53	133.5	5.4
70-79 years	34	27	61	342.5	5.7
80 years and over	24	34	58	1,348.5	8.4
Unknown	1	1	2	917.4	25.0
All ages	325	242	567	60.4	8.2



NEPHRITIS

TABLE 68.—DEATHS FROM NEPHRITIS (ACUTE AND CHRONIC) BY AGE AND SEX, 1937.

Age	Male	Female	Total
Under 5 years	3	4	7
5- 9 years	2	.....	2
10-14 years	2	.....	2
15-19 years	3	.....	3
20-29 years	9	2	11
30-39 years	7	8	15
40-49 years	8	12	20
50-59 years	16	27	43
60-69 years	31	19	50
70-79 years	37	27	64
80 years and over	33	18	51
All ages	151	117	268

ACCIDENTAL DEATHS

TABLE 69.—ACCIDENTAL DEATHS (176-194) AND RATES PER 100,000 IN EACH AGE PERIOD, 1937.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 5 years	34	23	57	60.3	3.4
5- 9 years	14	10	24	23.3	14.0
10-14 years	13	4	17	15.9	11.0
15-19 years	23	9	32	30.3	17.7
20-29 years	39	7	46	28.2	13.1
30-39 years	26	3	29	25.7	8.4
40-49 years	22	6	28	26.0	6.2
50-59 years	24	13	37	44.2	4.3
60-69 years	26	8	34	85.7	3.4
70-79 years	14	10	24	134.8	2.3
80 years and over	15	9	24	558.0	3.5
All ages	250	102	352	37.5	5.1

VIOLENT OR ACCIDENTAL DEATHS

TABLE 70.—VIOLENT OR ACCIDENTAL DEATHS BY SEX, 1937.

Causes	Male	Female	Total	Rate per 100,000
Suicides	69	18	87	9.3
Automobiles and motorcycles	33	14	47	5.0
Conflagrations and burns	26	20	46	4.9
Drownings	29	5	34	3.6
Railway accidents	23	5	28	3.0
Accidental mechanical suffocation	11	11	22	2.3
Other land transportation	17	3	20	2.1
Accidents caused by machines	17	2	19	2.0
Firearms	16	2	18	1.9
Injuries by animals	15	1	16	1.7
Acute accidental poisonings	9	4	13	1.4
Homicides	5	4	9	1.0
Other violent or accidental causes	57	35	92	9.8
Total	327	124	451	48.0

TABLE 71.—SUICIDES BY MONTH AND SEX, 1937.

Month	Male	Female	Month	Male	Female
January	7	1	July	9	1
February	3	1	August	11	..
March	4	1	September	3	2
April	8	1	October	6	1
May	6	5	November	1	3
June	5	2	December	6	..
Total	69	18			

SUICIDES BY CONJUGAL CONDITION, 1937.

Single	32
Married	42
Widowed	12

TABLE 72.—ALL VIOLENT OR ACCIDENTAL DEATHS BY MONTHS, 1937.

Month	Male	Female	Month	Male	Female
January	23	11	July	42	13
February	16	8	August	29	5
March	22	8	September	28	10
April	32	6	October	31	12
May	29	13	November	25	10
June	30	17	December	20	11
Total			327	124	

ALL VIOLENT OR ACCIDENTAL DEATHS BY CONJUGAL CONDITION, 1937.

Under 15 years of age	100
Single	139
Married	163
Widowed	49

SUICIDES

AUTOMOBILES
& MOTORCYCLES
CONFLAGRATIONS
AND BURNS
DROWNINGS
RAILWAY
ACCIDENTS
ACCIDENTAL MECHANICAL
SUFFOCATION
OTHER LAND
TRANSPORTATION
ACCIDENTS CAUSED
BY MACHINES
FIREARMS
INJURIES BY
ANIMALS

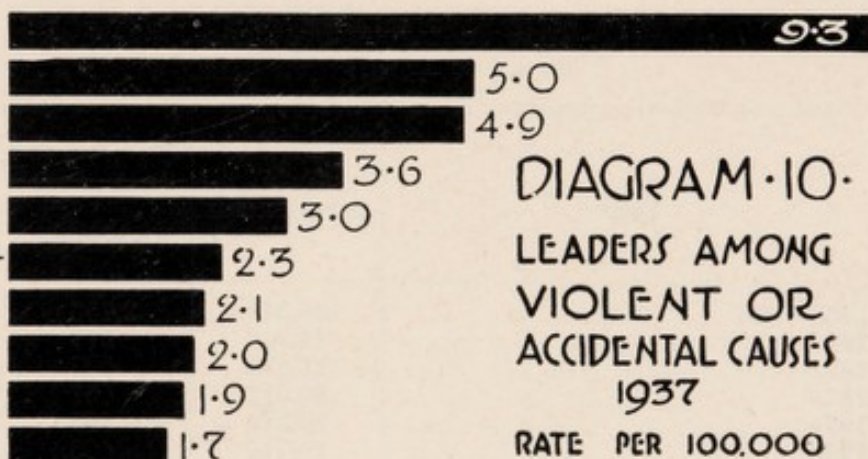


DIAGRAM 10.
LEADERS AMONG
VIOLENT OR
ACCIDENTAL CAUSES
1937
RATE PER 100,000

TABLE 73.—DEATHS, 1937. AUTOMOBILE ACCIDENTS, RESULTS OF INVESTIGATION OF 41 OUT OF 47 DEATHS.

Place of accident	Conveyance	Condition of road	Sex of operator	Weather
Highway 24	Automobile 31	Good 33	Male 41	Fine 30
Railway crossing 9	Motor truck 10	Fair 4		Bad 2
Country road 4		Bad 1		Foggy 1
City street 2		Snowy .. 1		Snowy 1
Private property 2		Unknown 2		Unknown 7

Rate of travel per hour	Nature of Accidents	By months
Under 10 miles ... 2	Head-on automobile collisions 15	February .. 1
10-19 miles 1	Automobiles struck by trains 9	March 1
20-29 miles 8	Automobiles overturned, cause un-	April 2
30-39 miles 1	known 4	May 1
Unknown 29	Bicycles struck by automobiles 2	June 9
	Run over by trucks 2	July 8
	Struck by automobiles 2	August 3
	Automobile overturned, driver blinded	September 6
	by dust of passing car 1	October 6
	Automobile sideswiped parked truck ... 1	November 4
	Automobile struck sleigh 1	
	Crushed by overturning truck 1	
	Fell out of moving truck 1	
	Truck overturned, brakes failed to	
	hold on hill 1	
	Unknown 1	

STILLBIRTHS

TABLE 74.—STILLBIRTHS, 1926-1937.

Year	Total pregnancies	Stillbirths	
		Number	Rate per 1,000 pregnancies
1926-1930	109,245	2,756	25.2
1931	21,908	577	26.3
1932	21,339	525	24.6
1933	20,612	467	22.7
1934	20,229	465	23.0
1935	19,716	405	20.5
1936	19,297	431	22.3
1937	18,785	398	21.2

TABLE 75.—STILLBIRTHS BY MONTHS AND NUMBER PER 1,000 BIRTHS, 1937.

Month	All births	Stillbirths	Stillbirths per 1,000 births
January	1,486	34	22.9
February	1,453	33	22.7
March	1,614	34	21.1
April	1,698	39	23.0
May	1,617	34	21.0
June	1,660	36	21.7
July	1,689	40	23.7
August	1,785	33	18.5
September	1,668	31	18.6
October	1,591	27	17.0
November	1,349	28	20.8
December	1,428	29	20.3
Total	19,038	398	20.9

INFANT MORTALITY

Deaths of children under one year of age numbered 1,245 in 1937, the death rate per 1,000 living births being 66.8. This represents an increase of 215, or 20.9%, over the 1936 figure of 1,030 deaths.

Infant mortality rates for all the provinces are shown in Table 10, in which it will be noted that four provinces report lower infant mortality rates than Saskatchewan, while the rates of the remaining four are higher. In this table, which is prepared from the Preliminary Annual Report, Vital Statistics of Canada, 1937, the rates are given without the decimal place and all are subject to final revision with the exception of the rate for this province.

TABLE 76.—DEATHS OF CHILDREN UNDER ONE YEAR (EXCLUSIVE OF STILLBIRTHS) BY AGE AT DEATH, 1937.

Ages		No.	Ages		No.	
All infants	Total...	1,245	<i>Under 1 month</i>	Total	592	
	Male	749		Male	359	
	Female	496		Female	233	
Under 1 day.....	Total...	199	1 month and under	Total...	132	
	Male	116		2 months	Male	73
	Female	83		Female	59	
1 day	Total...	55	2 months and under	Total...	100	
	Male	35		3 months.....	Male	65
	Female	20		Female	35	
2 days	Total...	50	3 months and under	Total...	60	
	Male	32		4 months	Male	38
	Female	18		Female	22	
3 days	Total...	43	4 months and under	Total...	75	
	Male	24		5 months.....	Male	49
	Female	19		Female	26	
4 days	Total...	24	5 months and under	Total...	55	
	Male	14		6 months.....	Male	28
	Female	10		Female	27	
5 days	Total...	19	6 months and under	Total...	53	
	Male	14		7 months.....	Male	35
	Female	5		Female	18	
6 days	Total...	15	7 months and under	Total...	43	
	Male	6		8 months.....	Male	26
	Female	9		Female	17	
<i>Under 1 week</i>	Total	405	8 months and under	Total...	44	
	Male	241		9 months.....	Male	25
	Female	164		Female	19	
1 week and under	Total...	75	9 months and under	Total...	27	
	Male	52		10 months.....	Male	12
	Female	23		Female	15	
2 weeks	Total...	54	10 months and under	Total...	37	
	Male	28		11 months.....	Male	20
	Female	26		Female	17	
2 weeks and under	Total...	58	11 months and under	Total...	27	
	Male	38		12 months.....	Male	19
	Female	20		Female	8	
3 weeks and under	Total...	58				
	Male	38				
	Female	20				

TABLE 77.—INFANT MORTALITY, 1937. DEATH RATES (EXCLUSIVE OF STILLBIRTHS)

Age	Death rate per 1000 living births	Percentage of infant mortality
All infants	66.8	.....
Under 1 day	10.7	16.0
1 day and under 1 week	11.1	16.5
1 week and under 2 weeks.....	4.0	6.0
2 weeks and under 3 weeks.....	2.9	4.3
3 weeks and under 1 month.....	3.1	4.7
1 month and under 2 months.....	7.1	10.6
2 months and under 3 months.....	5.4	8.0
3 months and under 4 months.....	3.2	4.8
4 months and under 5 months.....	4.0	6.0
5 months and under 6 months.....	3.0	4.4
6 months and under 7 months.....	2.8	4.3
7 months and under 8 months.....	2.3	3.5
8 months and under 9 months.....	2.4	3.5
9 months and under 10 months.....	1.4	2.2
10 months and under 11 months.....	2.0	3.0
11 months and under 12 months.....	1.4	2.2

TABLE 78.—TOTAL DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATHS IN INSTITUTIONS OF CHILDREN UNDER ONE YEAR OF AGE, SHOWING THE NUMBER NON-RESIDENT, 1937.

	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....	1,245	749	496	1	1	..	404	238	166	..	..	..

INFANT MORTALITY

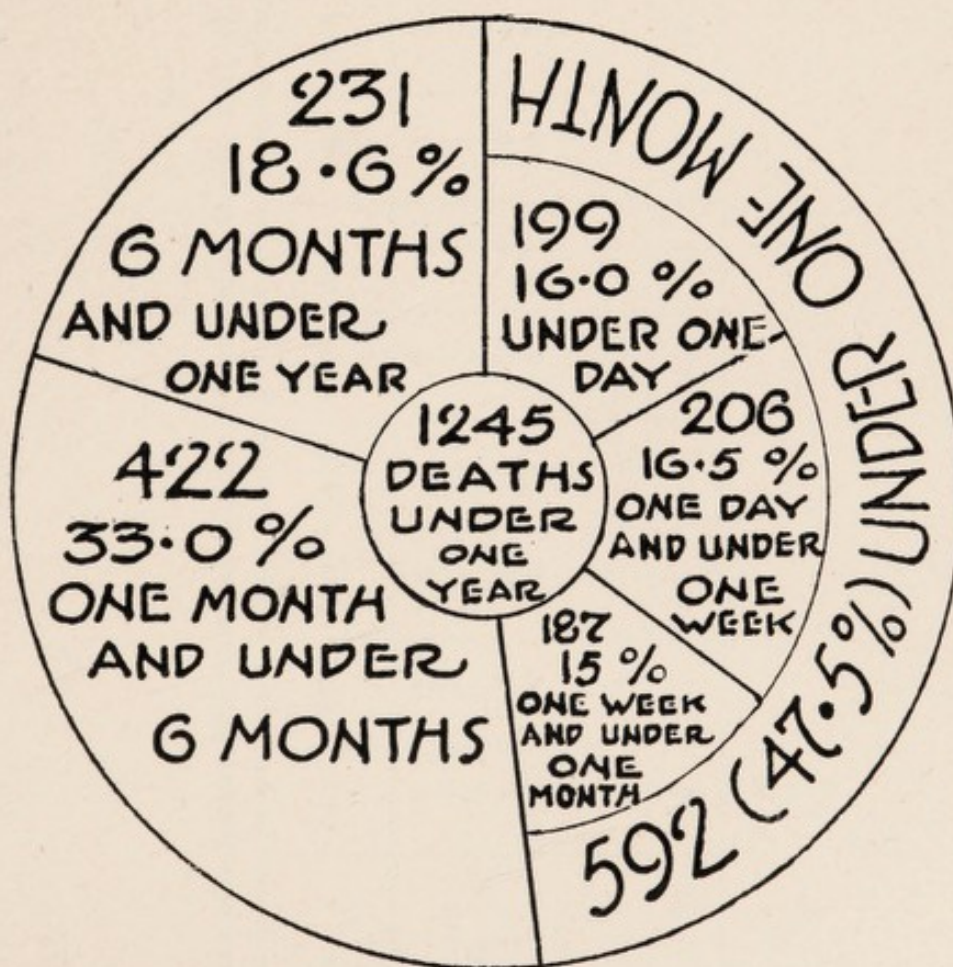


DIAGRAM · 11 · 1937

TABLE 79.—INFANT MORTALITY, 1937. DEATH RATE BY MONTHS IN PROVINCE.

Months	No. of Deaths	Rate per 1,000 living births	Percentage of infant mortality
January	117	80.6	9.4
February	129	90.8	10.3
March	148	93.7	11.9
April	138	83.2	11.1
May	112	70.8	9.0
June	102	62.8	8.2
July	73	44.3	5.9
August	96	54.8	7.7
September	92	56.2	7.4
October	89	56.9	7.1
November	81	61.3	6.5
December	68	48.6	5.5
Year.....	1,245	66.8	.....

TABLE 80.—INFANT MORTALITY BY MONTHS IN INDIVIDUAL CITIES, 1937. (BY PLACE OF RESIDENCE. STILLBIRTHS EXCLUDED).

Cities	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Rate per 1,000 living births
Moose Jaw	2	2	3	2	2	4	1	2	..	1	..	2	21	63.3
North Battleford	1	2	..	..	1	..	..	..	1	..	1	1	7	77.8
Prince Albert	2	..	..	3	3	1	1	2	1	..	1	..	14	57.1
Regina	4	2	3	3	5	4	9	4	4	5	2	3	48	51.1
Saskatoon	3	4	1	1	3	1	3	3	3	1	1	2	26	47.3
Swift Current	1	..	..	..	..	1	1	3	..	..	1	..	7	68.0
Weyburn .....	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Yorkton	3	1	..	..	..	..	..	..	..	1	..	..	5	54.3
All cities	16	11	7	9	14	11	15	14	9	8	6	8	128	53.0

TABLE 81.—INFANT MORTALITY, 1937 (EXCLUSIVE OF STILLBIRTHS), CLASSIFIED ACCORDING TO RACIAL ORIGIN OF MOTHERS, AND DEATH RATE PER 1,000 LIVING BIRTHS OF EACH RACE.

Racial origin	Number	Rate per 1,000 living births
All origins	1,245	66.8
English	150	49.1
Irish	89	53.6
Scottish	83	45.5
Welsh	3	37.0
French	93	72.7
Austrian	19	83.7
Czech and Slovak	3	30.3
Danish	3	34.5
Dutch	37	67.8
German	208	51.4
Hungarian	33	93.7
Indian	200	303.5
Norwegian	45	54.0
Polish	50	85.0
Roumanian	11	72.8
Russian	28	63.5
Swedish	24	62.2
Ukrainian ⁽¹⁾	153	77.5
Other and not specified	13	36.9

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

TABLE 82.—INFANT MORTALITY, 1937. 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	18,640	1,245	66.8
Canada	12,898	915	70.9
British Countries	1,056	46	43.6
Austria	482	31	64.3
France	48	2	41.7
Germany	202	7	34.7
Hungary	169	12	71.0
Poland	600	44	73.3
Roumania	135	12	88.9
Russia ⁽¹⁾	868	54	62.2
Scandinavian Countries	203	9	44.3
United States	1,806	103	57.0
Other countries and not specified	173	10	57.8

(¹) Including the Ukraine.

TABLE 83.—INFANT MORTALITY, 1937. RATES PER 1,000 LIVING BIRTHS BY PRINCIPAL CAUSES AND BY SEX.

	Male	Female	Total
All causes	78.6	54.4	66.8
Communicable diseases (1-44).....	12.9	10.5	11.7
Bronchopneumonia and pneumonia (107-109).....	13.1	9.1	11.2
Diarrhœa and enteritis (119)	9.1	5.4	7.3
Congenital malformation (157).....	6.7	4.5	5.6
Congenital debility (158).....	3.7	3.1	3.4
Premature birth (159)	17.1	11.7	14.5
Injury at birth (160)	3.6	2.7	3.2
Other diseases peculiar to early infancy (161)....	4.5	2.0	3.3
All other causes	7.9	5.4	6.7

TABLE 84.—INFANT MORTALITY, 1926-1937. RATES PER 1,000 LIVING BIRTHS BY PRINCIPAL CAUSES.

	1926- 1930	1931- 1935	1935	1936	1937
All causes	73.3	61.9	61.0	53.9	66.8
Communicable diseases (1-44).....	8.4	6.3	6.9	6.6	11.7
Bronchopneumonia and pneumonia (107-109)	9.7	8.4	10.9	7.1	11.2
Diarrhœa and enteritis (119).....	7.7	6.0	3.9	5.4	7.3
Congenital malformation (157).....	5.3	4.6	4.2	4.0	5.6
Congenital debility (158)	7.2	4.6	4.2	2.8	3.4
Premature birth (159)	18.1	16.1	14.7	14.4	14.5
Injury at birth (160).....	3.2	3.6	3.6	2.5	3.2
Other diseases peculiar to early infancy (161)	4.8	4.6	3.7	4.0	3.3
All other causes	8.9	7.6	8.7	7.1	6.7

TABLE 86.—DEATHS OF CHILDREN (EXCLUSIVE OF STILLBIRTHS) FROM CERTAIN

Int. List No.	Causes of death	Age at death														
		Total under 1 year			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		1 month and under 2 months	
		Total	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	All causes	1,245	749	496	116	83	125	81	52	23	28	26	38	20	73	59
7	Measles	60	37	23	..	1	2	..	..	..	2	1	..	1	1	2
9	Whooping cough	31	14	17	..	..	..	..	..	..	..	..	1	..	2	2
10	Diphtheria	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..
11	Influenza	84	45	39	..	..	..	..	5	2	3	4	4	2	4	4
13	Dysentery	11	6	5	..	..	..	..	..	..	..	..	..	..	..	..
15	Erysipelas	2	1	1	..	..	..	..	..	..	..	..	..	..	..	1
18	Epidemic cerebro-spinal meningitis ..	4	2	2	..	..	..	..	..	..	..	..	..	..	..	..
23	Tuberculosis of the respiratory system..	13	10	3	2	..	2	..	1	..	..	..	..	..	1	..
24	Tuberculosis of the meninges and central nervous system	4	2	2	..	..	..	..	..	..	..	..	..	..	..	1
25-32	Tuberculosis, other forms	4	2	2	..	..	..	..	..	..	..	..	..	..	..	2
34	Syphilis	4	3	1	..	..	..	..	1	..	..	..	1	..	..	1
36	Purulent infection, septicaemia	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
67	Diseases of the thymus gland	4	2	2	..	..	..	1	..	..	..	..	..	..	..	..
79	Simple meningitis	7	4	3	..	..	..	1	..	..	..	..	..	..	..	..
86	Convulsions	15	9	6	1	1	1	2	..	..	..	..	1	..	..	1
89	Diseases of the ear and mastoid process	5	4	1	..	..	..	..	..	..	..	..	..	..	..	..
106	Bronchitis	9	4	5	..	..	..	2	1	..	..	..	..	..	1	1
107	Bronchopneumonia	133	83	50	..	..	2	..	4	..	3	4	6	1	16	12
108, 109	Pneumonia	75	42	33	..	..	1	1	..	1	3	..	1	4	7	5
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	12	10	2	..	..	..	..	1	..	..	..	1	..	3	..
119	Diarrhoea and enteritis	136	87	49	..	..	2	..	4	..	2	4	5	..	12	11
122	Hernia, intestinal obstruction	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..
130	Nephritis	4	1	3	1	..	..	1	..	..	..	..	..	..	..	1
157	Malformations	105	64	41	8	6	18	13	9	4	2	..	4	4	9	5
	(a) Congenital hydrocephalus..	12	4	8	..	2	1	1	..	1	..	..	..	..	1	..
	(c) Congenital malformations of the heart...	38	24	14	5	3	7	5	2	..	1	..	1	2	2	..
	(b, d, e) Others under this title	55	36	19	3	1	10	7	7	3	1	..	3	2	6	5
158	Congenital debility ..	63	35	28	5	2	9	11	6	4	3	1	2	2	6	3
159	Premature birth	270	163	107	81	57	46	28	10	7	8	6	8	4	3	3
160	Injury at birth.....	59	34	25	11	13	19	8	2	2	..	..	1	1	..	1
161	Other diseases peculiar to early infancy (under three months)	61	43	18	7	2	21	11	5	2	1	2	2	1	4	..
	(a-e) Specified diseases	57	40	17	7	2	19	10	4	2	1	2	2	1	4	..
	(f) No cause given, no doctor in attendance	4	3	1	..	..	2	1	1	..	..	..	..	..	..	..
176-198	Other external causes	21	11	10	..	..	..	1	1	1	..	1	..	..	2	1
	Other specified causes	33	22	11	..	1	1	..	2	..	1	2	1	..	1	1
199, 200	Unspecified or ill-defined causes	9	3	6	..	..	1	1	..	..	..	1	..	..	1	1

TABLE 87.—DEATHS OF CHILDREN UNDER ONE YEAR OF AGE (EXCLUSIVE OF

Birthplace of Father	Total fathers	Birthplace of Mother												
		Canada									British Isles			
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland
CANADA	718	2	..	2	16	20	52	531	12	1	..	11	1	6
Prince Edward Island...	5	1	..	..	..	..	..	2	..	..	..	..	..	..
Nova Scotia	3	..	..	1	..	..	..	1	..	..	..	..	..	..
New Brunswick	4	..	..	..	..	1	1	1	1	..	..	..	..	..
Quebec	22	..	..	..	9	1	1	8	..	..	..	..	..	..
Ontario	90	..	..	1	2	15	6	41	3	..	..	8	1	3
Manitoba	81	..	..	..	1	1	26	41	1	..	..	2	..	..
Saskatchewan	500	1	..	..	3	2	18	427	5	1	..	1	..	3
Alberta	10	..	..	..	1	..	..	7	2	..	..	..	..	..
British Columbia	3	..	..	..	..	..	..	3	..	..	..	..	..	..
BRITISH ISLES	64	..	..	..	1	3	5	27	3	..	..	12	2	3
England	40	..	..	..	1	3	2	12	2	..	..	12	1	1
Ireland	11	..	..	..	..	..	1	7	1	..	..	..	1	..
Scotland	13	..	..	..	..	..	2	8	..	..	..	..	..	2
BRITISH POSSESSIONS.....	2	..	..	..	..	..	..	..	..	..	..	1	..	..
Newfoundland	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Other	1	..	..	..	..	..	..	..	..	..	..	1	..	..
EUROPE	283	..	..	..	1	4	11	99	2	..	1	3	..	..
Austria	59	..	..	..	..	..	3	32	..	..	..	..	..	..
Belgium	1	..	..	..	..	..	..	..	..	..	..	1	..	..
Denmark	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Finland	1	..	..	..	..	..	..	..	..	..	..	..	..	..
France	7	..	..	..	1	..	2	3	..	..	..	..	..	..
Germany	19	..	..	..	..	1	..	11	1	..	..	..	..	..
Hungary	23	..	..	..	..	..	..	8	..	..	..	..	..	..
Norway	12	..	..	..	..	..	..	5	..	..	..	..	..	..
Poland	52	..	..	..	..	..	1	16	..	..	..	..	..	..
Roumania	20	..	..	..	..	1	..	5	1	..	..	1	..	..
Russia (1)	70	..	..	..	..	1	5	13	..	..	1	..	..	..
Sweden	12	..	..	..	..	1	..	4	..	..	..	1	..	..
Other	6	..	..	..	..	..	..	2	..	..	..	..	..	..
ASIA	1	..	..	..	..	..	..	..	..	..	..	..	..	..
China	1	..	..	..	..	..	..	..	..	..	..	..	..	..
United States	102	..	1	..	2	5	8	37	3	..	..	2	..	3
Various	1	..	..	..	..	..	..	1	..	..	..	..	..	..
Not specified	74	..	..	..	..	1	4	58	2	..	..	1	..	..
Total mothers.....	1,245	2	1	2	20	33	80	753	22	1	1	30	3	12

(1) Including the Ukraine.

STILLBIRTHS) CLASSIFIED ACCORDING TO BIRTHPLACES OF PARENTS, 1937.

British possessions	Birthplace of Mother												United States	Various	Not specified	
	Europe															Asia
Other than Newfoundland	Austria	Denmark	Finland	France	Germany	Hungary	Norway	Poland	Roumania	Russia (1)	Sweden	Other	China			
1	4				1	1		4		5				47		1
														1		
														3		
								1						9		
														6		
1	4				1	1		3		3				26		1
														8		
														6		
														1		
														1		
														1		
														1		
														1		
	27	1	1	1	5	10	5	37	11	46	2	2		13	1	
	21							1		1				1		
		1														
			1													
				1												
					3					3						
					2	10				1				2		
							4							3		
	2							32		1						
	3								11					1		
								4		29				3	1	
							1							3		
	1									1		2				
												2				
													1			
													1			
				1	1	1	1	1	1	2				33		
								2		1				1		4
1	31	1	1	2	7	12	6	44	12	54	2	2	1	103	1	5

MATERNAL MORTALITY

Deaths from puerperal causes totalled 86 in 1937, the same as in 1936. The death rate per 1,000 living births was 4.6.

TABLE 88.—MATERNAL MORTALITY, 1921-1937.

Year	Deaths	Rate per 100,000 population	Rate per 1,000 living births	Rate per 1,000 births including stillbirths	Rate per 1,000 deaths excluding stillbirths	Rate per 1,000 deaths including stillbirths
1921-1925	606	15.5	5.6	5.5	20.7	18.9
1926	147	17.9	7.1	6.9	24.3	22.2
1927	114	13.6	5.4	5.3	18.9	17.3
1928	124	14.6	5.8	5.7	20.1	18.4
1929	132	15.3	6.2	6.0	19.7	18.2
1930	112	12.7	5.1	4.9	17.7	16.3
1931	93	10.8	4.4	4.2	15.3	14.0
1932	102	10.9	4.9	4.8	16.8	15.5
1933	92	9.9	4.6	4.5	15.3	14.2
1934	86	9.2	4.4	4.3	14.5	13.5
1935	80	8.6	4.1	4.0	13.1	12.2
1936	86	9.2	4.5	4.4	13.6	12.7
1937	86	9.2	4.6	4.5	12.4	11.7

TABLE 89.—MATERNAL MORTALITY. CAUSES OF DEATH, 1937.

Cause	Number of deaths	
	1936	1937
Abortion with septic conditions	10	19
Abortion without septic conditions	3	1
Ectopic gestation	5	5
Puerperal hæmorrhage	12	9
Puerperal septicæmia	17	22
Albuminuria and eclampsia	16	15
Other toxæmias of pregnancy	2	3
Phlegmasia alba dolens, etc.	13	8
Other accidents of childbirth	7	4
Conditions of puerperal state not specified	1	..
Total	86	86

TABLE 90.—ASSOCIATED DISEASES OF MATERNAL DEATHS, 1937.

Disease	No.	Married	Age				
			15-24	25-29	30-34	35-39	40-44
Heart diseases	5	5	2	2	..	..	1
Influenza	4	4	1	1	1	..	1
Pneumonia	4	4	1	1	..	2	..
Encephalitis	1	1	..	..	..	1	..
Gangrene	1	1	..	..	1	..	..
Goitre	1	1	..	1	..	..	..
Hypostatic pneumonia	1	1	..	1	..	..	..
Jaundice	1	1	1	..	..	..	..
Measles	1	1	1	..	..	..	..
Staphylococcus infection	1	1	..	1	..	..	..

TABLE 91.—MATERNAL MORTALITY BY AGE PERIODS, 1937.

Age period	Number
15-19 years	5
20-24 years	17
25-29 years	22
30-34 years	20
35-39 years	12
40-44 years	9
45-49 years	1
Total	86

DEATHS IN INSTITUTIONS

TABLE 92.—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1937.
(Exclusive of Stillbirths)

Location and name of institution	Male	Female	Total
Abbey Cottage Hospital	1	..	1
Abernethy Hospital	3	2	5
Alameda Private Hospital .....	..	2	2
Alsask Community Hospital	1	1	2
Antler Community Hospital	2	1	3
Arcola Brock Union Hospital	3	3	6
Armley Hospital .....	..	1	1
Assiniboia Union Hospital	1	2	3
Barcarres Hospital	2	1	3
Beechy Hospital .....	..	1	1
Bienfait Community Hospital	4	5	9
Biggar St. Margaret's Hospital	9	6	15
Birch Hills General Hospital	7	6	13
Birsay Hospital	1	..	1
Borden Cottage Hospital	1	..	1
Bracken Red Cross Outpost .....	..	4	4
Broadview St. Michael's Hospital	7	2	9
Cabri Union Hospital	16	7	23
Canora Hugh Waddell Memorial Hospital...	24	15	39
Carragana Red Cross Outpost	3	3	6
Carrot River Mitchell Memorial Hospital...	1	..	1
Central Butte Enfield Victorian Hospital	3	3	6
Chaplin Cottage Hospital	1	1	2
Climax Community Hospital	2	1	3
Coronach Nursing Home	1	3	4
Cudworth St. Michael's Hospital	9	11	20
Cupar Nursing Home	2	1	3
Cut Knife Community Hospital	3	1	4
Davidson Union Hospital	5	2	7
Delisle Nursing Home .....	..	1	1
Dinsmore Community Hospital .....	..	1	1
Dodsland Community Hospital	6	3	9
Eastend Jubilee Hospital	1	1	2
Elrose Community Hospital	2	1	3
Estevan Hospital	10	8	18
Eston Union Hospital	10	6	16
Fort Qu'Appelle Indian Hospital	5	5	10
Fort San Sanatorium	28	18	46
Frontier Community Hospital	6	5	11
Gravelbourg St. Joseph's Hospital	15	7	22
Gull Lake Union Hospital	14	3	17
Hafford Dr. A. O. Rose's Private Hospital...	2	1	3

TABLE 92.—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1937.
(Exclusive of Stillbirths)—Continued

Location and name of institution	Male	Female	Total
Hafford Hospital	8	8	16
Hepburn Nursing Home	2	3	5
Herbert Community Hospital	5	1	6
Hudson Bay Junction Nursing Home.....	1	..	1
Humboldt St. Elizabeth's Hospital	21	13	34
Ile a la Crosse St. Joseph's Hospital	13	10	23
Indian Head Union Hospital	23	11	34
Kamsack General Hospital	9	5	14
Kamsack King Edward Hospital	6	10	16
Kelvington Community Hospital	9	3	12
Kerrobot Union Hospital	6	3	9
Kincaid Community Hospital	1	1	2
Kindersley Union Hospital	24	8	32
Kinistino Nursing Home .....	..	1	1
Lampman Union Hospital	4	3	7
Lashburn Union Hospital	10	4	14
Lestock St. Joseph's Hospital .....	..	1	1
Lloydminster United Union Hospital	19	11	30
Loon Lake Red Cross Outpost	6	4	10
Lucky Lake Community Hospital	2	2	4
Macklin St. Joseph's Hospital	17	5	22
Maidstone Nursing Home .....	..	2	2
Maple Creek Home for the Infirm.....	1	..	1
Maple Creek General Hospital	18	14	32
Meadow Lake Red Cross Outpost	7	3	10
Melfort Lady Minto Hospital	33	17	50
Melville Municipal Hospital	11	10	21
Melville St. Paul's Lutheran Old Folks' Home .....	..	1	1
Milden Hospital	6	2	8
Moose Jaw Children's Shelter	2	1	3
Moose Jaw General Hospital	94	62	156
Moose Jaw Providence Hospital	19	28	47
Moosomin General Hospital	11	8	19
Nipawin Lady Grey Hospital	12	11	23
Nokomis Hospital .....	..	1	1
North Battleford Notre Dame Hospital.....	42	23	65
North Battleford Provincial Hospital	62	26	88
Oxbow Community Hospital	2	4	6
Paddockwood Red Cross Outpost	1	..	1
Ponteix Gabriel Hospital	1	5	6
Preeceville Jubilee Hospital	3	3	6
Prince Albert Holy Family Hospital	54	45	99
Prince Albert Sanatorium	23	16	39
Prince Albert Victoria Hospital	36	27	63
Rabbit Lake Rose Gill Hospital	8	5	13
Regina General Hospital	197	115	312
Regina Grey Nuns' Hospital	81	68	149
Regina Mercy Hospital	1	..	1
Regina Salvation Army Home .....	..	1	1
Rockglen Red Cross Outpost .....	..	1	1
Rosetown Union Hospital	12	7	19
Rose Valley Hospital	6	8	14
Rosthern St. John's Hospital	17	10	27
Rouleau Community Hospital	2	3	5
St. Hubert's Mission Joan of Arc Home	15	5	20
Saskatoon Bethany Hospital	2	..	2
Saskatoon City Hospital	157	102	259
Saskatoon St. Paul's Hospital	81	60	141
Saskatoon Sanatorium	9	9	18
Scott Municipal Hospital	2	..	2
Shaunavon Union Hospital	13	13	26

TABLE 92.—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1937.
(Exclusive of Stillbirths)—Continued

Location and name of institution	Male	Female	Total
Shellbrook Nursing Home .....	..	1	1
Simpson Hospital	3	..	3
Smeaton W.M.S. Hospital	4	2	6
Spalding Linstead Nursing Home	1	2	3
Swift Current General Hospital	32	21	53
Tisdale Nursing Home	1	2	3
Tisdale St. Therese Hospital	29	21	50
Tuberose Red Cross Outpost	5	3	8
Turtleford Hospital	4	3	7
Unity Union Hospital	10	6	16
Vanguard Union Hospital	6	1	7
Wadena Union Hospital	25	23	48
Wakaw Anna Turnbull Memorial Hospital..	9	8	17
Watrous Manitou Hospital	3	2	5
Weyburn General Hospital	12	5	17
Weyburn Provincial Hospital	69	44	113
Whitewood Community Hospital	10	4	14
Wolseley Private Hospital	1	..	1
Wolseley Home for the Infirm	11	5	16
Yorkton Queen Victoria Hospital	33	24	57
Total	1,706	1,145	2,851

TABLE 93.—TOTAL DEATHS (exclusive of stillbirths) AND DEATHS IN
INSTITUTIONS SHOWING THE NUMBER NON-RESIDENT, 1937.

	All deaths						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 prov- ince	6,927	4,037	2,890	30	17	13	2,851	1,706	1,145	14	8	6

TABLE 94.—DEATHS IN CITIES AND URBAN TOWNS, 1937, 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 bronchopneumonia	Nephritis (acute and chronic)	Maternal mortality	Accidental deaths	Infant mortality	Stillbirths
Moose Jaw	19,975	332	16.6	184	9.2	7	2	24	2	3	26	11	13	12	5	11	21	9
North Battleford	4,760	90	18.9	45	9.5	7	2	3	..	1	7	5	4	..	1	3	7	2
Prince Albert	11,144	245	22.0	100	9.0	4	5	8	..	1	13	10	7	..	3	5	14	6
Regina	53,812	940	17.5	381	7.1	15	14	50	5	3	49	30	24	14	4	30	48	21
Saskatoon	42,093	550	13.1	315	7.5	11	5	43	3	3	70	27	13	8	5	15	26	17
Swift Current	5,118	103	20.1	37	7.2	3	1	5	2	..	5	2	6	1	..	1	7	1
Weyburn	5,384	63	11.7	31	5.8	2	2	2	..	..	5	5	2	4	..	..	..	..
Yorkton	4,793	92	18.5	33	6.6	..	3	3	2	2	6	4	1	..	..	1	5	1
Assiniboia	1,268	16	12.6	8	6.3	..	..	1	..	..	4	4	..	..	..	..	1	1
Battleford	1,138	24	21.1	16	14.1	1	..	4	..	..	..	1	5	..	..	..	1	..
Biggar	1,970	22	11.2	16	8.1	3	..	2	..	..	3	3	..	..	1	..	..	..
Canora	1,265	20	15.8	14	11.1	..	1	1	..	..	1	3	1	..	..	..	4	..
Estevan	2,878	60	20.8	24	8.3	2	1	4	1	..	3	2	1	..	..	..	2	..
Humboldt	1,835	27	14.7	6	3.3	..	..	2	..	..	..	1	..	..	..	..	..	..
Indian Head	1,377	17	12.3	21	15.3	..	..	3	..	1	..	2	2	..	..	3	3	1
Kamsack	1,825	13	7.1	16	8.8	4	..	2	..	..	1	..	1	..	..	1	3	1
Kindersley	1,039	16	15.4	11	10.6	..	..	1	..	..	1	2	1	..	..	..	2	1
Maple Creek	1,041	12	11.5	16	15.4	..	..	2	..	1	4	1	1	..	..	2	..	..
Melfort	1,965	35	17.8	17	8.7	1	..	1	1	..	2	..	3	1	..	..	3	1
Melville	3,957	80	20.2	16	4.0	3	1	3	..	..	1	2	..	..	..	..	3	..
Moosomin	1,113	17	15.3	18	16.2	3	..	1	..	1	6	1	1	..	..	..	1	..
Rosetown	1,533	19	12.4	11	7.2	1	..	1	..	1	..	..	1	..	..	..	1	..
Rosthern	1,367	25	18.3	22	16.1	2	1	3	..	..	..	2	1	..	1	..	2	1
Shaunavon	1,650	32	19.4	18	10.9	5	..	4	..	..	1	1	1	..	..	..	5	1
Tisdale	1,162	26	22.4	6	5.2	..	..	1	..	..	1	1	..	..	..	1	..	1
Watrous	1,157	14	12.1	8	6.9	2	..	..	..	..	3	1	..	..	..	1	..	..
Wilkie	1,230	27	22.0	8	6.5	..	..	..	..	..	3	1	..	..	..	1	1	..
Wynyard	1,119	19	17.0	8	7.1	..	..	1	..	..	2	..	1	..	..	1	..	..

TABLE 95.—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages) 1937. FROM CERTAIN CAUSES OF DEATH. (Residents only.)

R.M. No.	Births	Deaths	Influenza	Tuber- culosis	Cancer	Diabetes	Cerebral hemorrhage (Apoplexy)	Heart diseases	Diseases of the arteries	Pneumonia and broncho- pneumonia	Nephritis (Acute and chronic)	Maternal mortality	Accidental deaths	Infant mortality	Stillbirths
1	23	8	1	1	1	..	..	1	1	..	..	..	1	..	2
2	22	11	1	..	1	..	..	3	1	2	..	1	..	..	1
3	40	14	3	..	2	..	2	..	1	..	..	1	..	..	5
4	84	28	4	1	5	..	..	3	3	1	1	..	1	4	..
5	92	35	4	2	5	1	..	4	2	2	1	..	..	6	..
6	44	10	..	1	1	..	..	3	..	..	1	..	..	1	2
7	33	9	1	..	2	..	..	2	..	..	..	..	..	2	..
8	21	6	1	..	1	..	1	1	..	..	..	..	..	..	..
9	26	11	..	..	1	..	..	2	..	1	..	..	1	5	2
10	22	3	..	..	..	..	..	..	..	..	..	..	1	..	..
11	37	13	..	..	2	..	..	..	..	..	..	..	1	5	3
12	34	13	1	1	1	..	..	2	1	..	..	..	2	1	1
13	17	5	..	..	..	..	1	..	..	2	..	..	..	2	..
14	9	3	..	..	..	..	..	..	..	..	..	..	..	..	..
15	6	3	..	..	..	..	..	2	..	..	..	..	..	..	..
16	6	3	1	..	..	..	..	..	..	1	..	..	..	1	..
17	31	6	1	..	..	..	..	2	..	1	..	..	1	1	2
18	14	12	1	..	1	..	..	5	..	1	..	..	..	1	2
19	17	7	..	..	..	..	..	..	..	1	..	..	2	2	1
20	9	3	..	..	..	..	..	..	..	..	1	..	..	2	..
21	10	2	..	..	..	..	..	..	..	..	..	1	..	2	..
22	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..
31	36	8	..	..	..	..	..	2	..	..	..	..	..	2	..
32	24	8	1	..	1	..	..	..	..	1	..	..	1	1	2
33	27	16	1	..	3	..	1	3	..	2	..	..	..	2	..
34	40	9	..	..	2	..	..	2	1	1	..	..	..	1	2
35	25	16	3	1	2	..	..	3	3	1	1	..	1	2	..
36	44	12	1	1	1	..	..	3	3	1	..	..	..	2	..
37	24	8	1	1	1	..	..	..	1	..	..	..	1	2	..
38	42	13	..	2	2	..	..	3	3	..	..	..	..	1	5

TABLE 95.—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages) 1937. 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
39	35	7	..	..	..	..	..	2	..	..	..	..	1	1	2
40	40	12	1	..	..	..	..	3	1	..	1	..	1	2	..
42	70	34	3	..	2	..	..	4	2	4	..	..	1	9	1
43	37	9	..	..	1	..	2	1	1	2	..	..	..	3	..
44	29	7	..	..	..	..	..	1	..	1	..	1	1	1	3
45	49	15	1	..	3	..	..	2	3	..	1	..	..	..	..
46	18	6	1	..	1	..	..	1	1	..	1	1	..	2	..
47	6	2	..	..	..	..	..	..	..	..	..	..	..	..	..
48	3	1	..	..	..	1	..	..	..	..	1	..	..	..	..
49	11	4	..	..	..	..	1	..	..	..	..	..	..	..	1
50	10	5	2	1	1	..	..	1	1	..	..	..	..	1	..
51	21	10	..	..	..	..	1	1	1	..	..	1	1	1	1
52	5	4	..	..	1	..	..	1	..	..	1	1	..	1	1
61	45	17	..	..	3	1	..	2	1	1	..	..	..	4	2
63	66	27	1	3	2	1	1	6	4	1	..	..	..	2	..
64	26	12	1	1	1	..	..	5	1	1	..	..	..	1	..
65	27	15	..	1	4	1	..	3	1	1	..	..	..	..	..
66	22	9	..	2	1	..	..	1	5	2	..	..	..	2	..
67	90	41	2	2	3	..	..	7	..	3	4	..	..	..	1
68	15	4	1	..	..	..	..	1	..	..	1	..	..	..	..
69	34	11	..	..	1	..	..	1	..	..	..	..	2	..	..
70	39	18	3	..	3	2	2	1	1	1	1	1	3	1	2
71	58	18	..	..	3	..	1	1	1	1	1	1	1	2	1
72	38	13	..	..	1	..	1	1	4	1	2	..	..	3	1
73	60	15	1	..	1	..	1	1	4	1	..	..	1	1	1
74	47	9	..	..	1	..	1	4	4	..	..	..	1	1	1
75	32	13	..	1	1	..	1	2	2	..	1	..	1	..	1
76	47	19	1	2	4	1	..	1	1	..	1	1	1	2	1
77	24	13	..	..	..	..	..	1	1	..	1	1	1	5	1
78	64	22	6	..	5	..	..	1	2	1	2	..	1	..	1

TABLE 95.—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages) 1937. 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
132	4	2	..	..	1	..	..	1	..	1	..	..	..	2	1
133	25	8	..	1	..	..	..	1	2	1	1	..	4	3	1
134	37	13	..	1	2	..	1	1	1	3	..	..	1	2	1
135	45	14	..	..	1	..	..	3	1	3	..	..	1	2	1
136	77	15	..	1	1	..	..	8	1	3	2	..	2	6	1
137	183	64	4	1	9	2	..	3	2	11	1	..	..	14	2
138	22	10	..	2	..	1	1	4	1	1	1	1	..	1	1
139	34	22	1	..	..	..	..	2	2	2	..	..	..	..	..
140	4	1	..	..	..	..	..	2	2	1	..	1	..	..	..
141	23	8	1	..	..	..	..	2	2	1	..	1	..	..	..
142	12	2	..	..	..	..	..	4	1	..	2	..	2	1	1
151	49	24	5	1	4	1	..	2	1	..	..	..	3	2	..
152	40	11	..	2	2	..	..	8	1	1	..	..	1	2	1
153	48	26	2	..	3	..	..	3	3	6	..	..	1	2	..
154	96	46	6	..	3	..	1	3	3	2	..	..	1	1	3
155	49	28	2	..	3	..	3	5	4	3	..	..	1	1	..
156	71	37	2	2	4	..	1	..	3	3	5	..	4	8	1
157	39	23	1	..	3	1	2	1	2	1	1	2	1	1	3
158	52	23	2	3	1	..	1	3	1	1	2	..	3	4	2
159	996	405	17	15	53	5	3	52	30	26	14	4	31	54	22
160	22	8	..	..	3	..	..	27	1	13	12	..	1	1	2
161	360	195	8	3	25	2	4	2	11	1	12	5	14	22	9
162	16	11	..	..	1	1	..	2	..	1	1	..	2	..	..
163	25	9	..	..	1	..	..	..	..	3	..	1	2	1	2
164	26	16	..	2	4	..	..	5	2	2	..	1	2	2	1
165	55	27	1	..	4	..	..	3	..	2	1	..	..	3	3
166	87	15	..	1	2	1	..	3	1	1	1	..	1	2	1
167	14	10	..	..	1	..	..	3	1	2	..	..	..	2	..
168	49	21	3	1	3	..	1	3	1	2	2	..	..	2	1
169	27	3	..	..	..	..	..	1	..	2	..	..	..	2	..

TABLE 95.—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages) 1937. 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
243	78	17	1	1	1	2	2	5	4	1	..	..	2	4	2
244	178	49	..	6	7	..	..	12	4	1	..	..	2	6	2
245	72	16	..	2	1	..	..	2	..	1	..	1	1	5	1
246	78	23	1	..	..	..	..	2	..	4	1	..	1	9	2
247	77	26	4	..	..	..	1	3	..	4	1	..	3	11	1
248	77	26	4	2	1	..	..	1	1	4	1	..	..	11	1
249	27	6	..	..	..	1	..	1	2	..	2	..	..	2	..
250	19	18	1	..	1	1	..	1	5	..	1	..	2	1	1
251	24	15	..	..	3	..	..	3	1	..	..	1	1	..	1
252	33	13	..	1	1	..	..	5	1	..	1	..	..	..	1
253	7	4	..	..	2	..	..	1	1	..	1	..	..	..	..
254	40	14	..	..	1	1	1	3	..	1	..	..	1	3	..
255	23	9	..	..	2	..	..	1	..	1	1	..	..	1	..
256	14	5	..	1	1	..	..	1	1	1	..	..	..	..	..
257	28	11	2	..	..	..	..	1	2	1	1	..	..	2	..
258	10	5	..	..	..	..	..	1	1	1	..	..	..	2	..
259	48	14	..	1	..	..	..	4	2	2	..	..	1	..	2
260	16	7	..	..	1	..	..	1	2	..	..	..	..	..	..
261	18	10	1	..	1	..	..	..	2	1	..	..	1	2	1
262	3	..	..	..	..	..	..	..	..	..	..	..	..	..	1
271	82	58	8	3	5	1	..	5	2	9	1	..	4	9	1
273	103	37	4	2	7	..	..	3	3	2	1	1	1	6	2
274	117	43	3	1	3	..	..	7	7	2	..	1	2	12	1
275	123	40	1	..	3	..	6	10	3	3	1	..	3	6	5
276	75	18	1	..	1	..	..	3	3	1	1	..	1	4	3
277	100	24	1	1	2	..	..	1	3	2	..	..	3	10	1
278	63	22	4	..	3	..	..	3	1	1	1	..	..	3	1
279	34	16	2	1	1	1	..	3	1	1	..	..	1	1	1
280	29	10	..	..	4	..	..	1	1	..	1	..	..	1	..
281	44	21	2	..	2	..	..	2	2	2	1	..	1	5	..

TABLE 95.—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages) 1937. 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
338	60	6	..	..	1	..	..	..	..	..	2	..	..	1	3
339	81	7	..	..	..	..	..	1	..	1	..	..	..	1	..
340	34	8	..	..	..	..	..	4	..	2	1	..	1	3	1
341	55	15	..	..	..	..	..	2	1	2	..	..	..	2	2
342	35	11	..	..	1	..	..	4	1	2	..	..	..	4	..
343	44	20	1	1	2	1	..	4	1	2	..	..	..	2	..
344	608	332	12	5	44	3	4	70	30	14	8	5	16	27	17
345	49	21	2	..	3	3	..	2	1	2	3	..	2	3	2
346	37	18	..	..	2	1	1	4	4	..	..	..	2	3	4
347	63	25	3	..	2	..	..	4	3	..	2	1	4	3	1
348	16	5	..	..	..	..	1	4	1	..	1	..	1	1	..
349	29	10	..	..	2	..	..	2	1	..	..	..	..	..	1
350	23	7	..	..	1	..	1	1	1	..	1	..	..	3	..
351	35	16	..	..	2	1	1	1	1	1	1	..	1	2	..
352	34	7	1	1	1	1	..	..	..	..	..	..	..	..	..
361	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	8	2	1	..	1	..	..	..	..	..	..	..	..	1	2
364	38	10	1	1	..	..	..	..	..	4	..	..	..	6	..
365	17	7	..	..	1	..	..	1	..	..	1	..	..	2	..
366	89	24	1	3	1	..	..	..	..	1	3	1	1	6	1
367	100	22	..	2	2	..	..	2	..	2	..	..	2	4	4
368	76	14	..	..	3	..	..	..	2	2	..	..	..	3	..
369	132	20	..	1	2	..	..	2	1	4	..	1	2	6	1
370	124	32	1	1	7	1	..	2	2	2	3	..	2	6	2
371	71	33	..	1	2	1	..	4	1	3	1	..	5	5	4
372	49	29	2	2	2	..	..	2	2	2	1	2	1	5	..
373	79	27	1	..	5	..	..	6	1	1	1	1	2	5	..
374	161	62	6	1	..	..	..	4	1	1	1	2	1	5	12
375	45	19	..	..	5	1	..	1	1	1	..	2	1	1	..
376	45	7	..	..	1	..	..	1	1	..	..	..	1	2	1

TABLE 95.—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages) 1937. 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
558	11	4	..	..	..	..	..	..	1	..	..	..	..	3	..
559	51	14	..	1	..	..	1	1	1	4	2	..	..	3	1
561	28	3	..	1	..	..	..	1	..	..	..	..	..	..	1
562	8	7	1	5	..	..	..	..	..	..	..	..	..	..	..
587	16	5	1	..	..	..	..	..	..	2	..	..	..	4	..
588	93	34	1	1	1	..	..	3	1	2	..	2	1	10	5
589	29	9	1	..	1	..	..	3	..	..	1	1	..	1	..
591	10	3	..	1	..	..	..	..	..	..	..	..	1	1	..
592	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Northern Districts	323	307	20	45	2	..	..	2	3	20	1	2	8	108	7

*This does not include births and deaths occurring in Lloydminster Hospital among residents of Alberta.

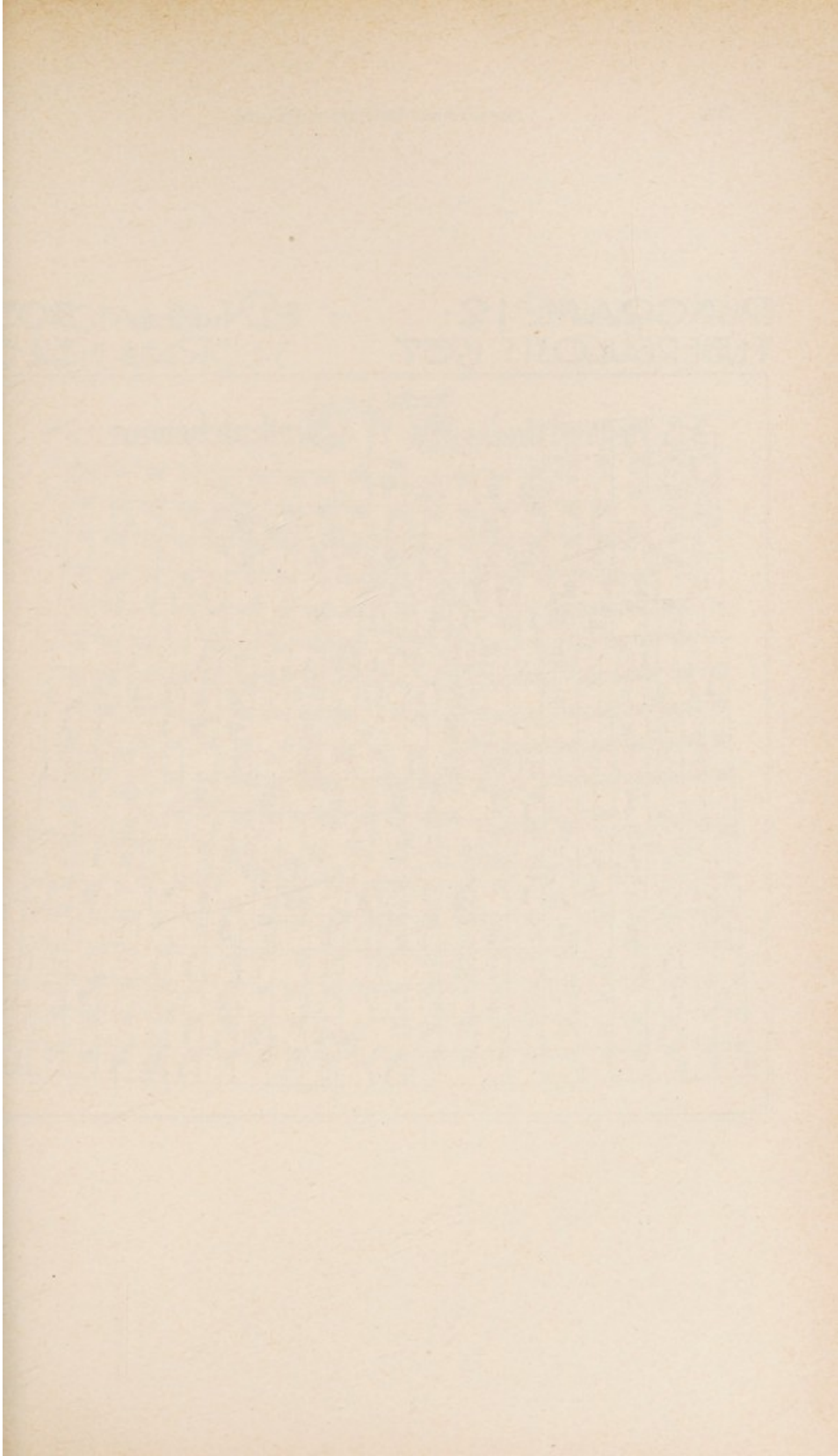


DIAGRAM 12. TUBERCULOSIS 1937

Number 303
Rate 32.3

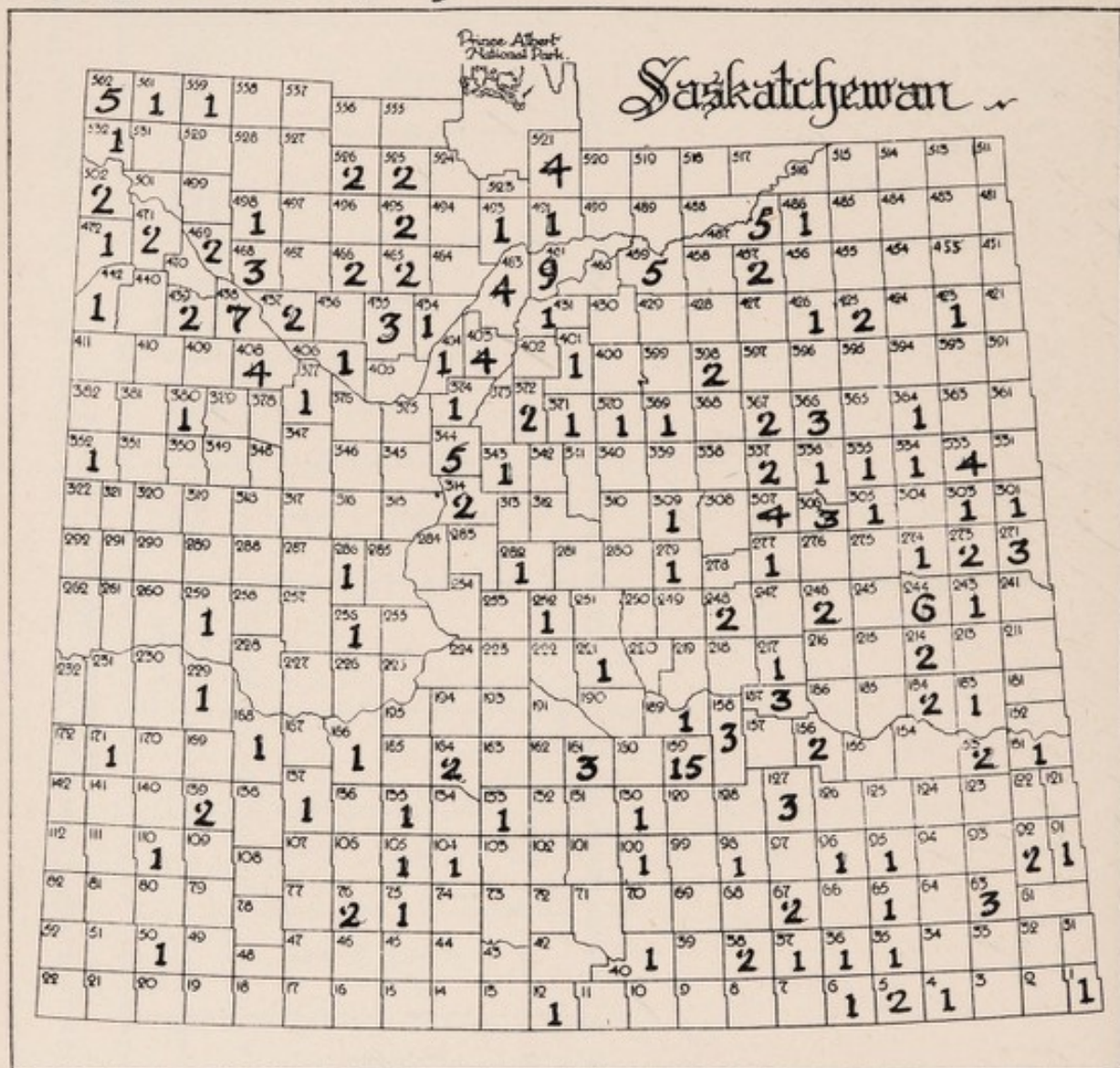


DIAGRAM · 13 · CANCER 1937

Number. 689
Rate 73.4

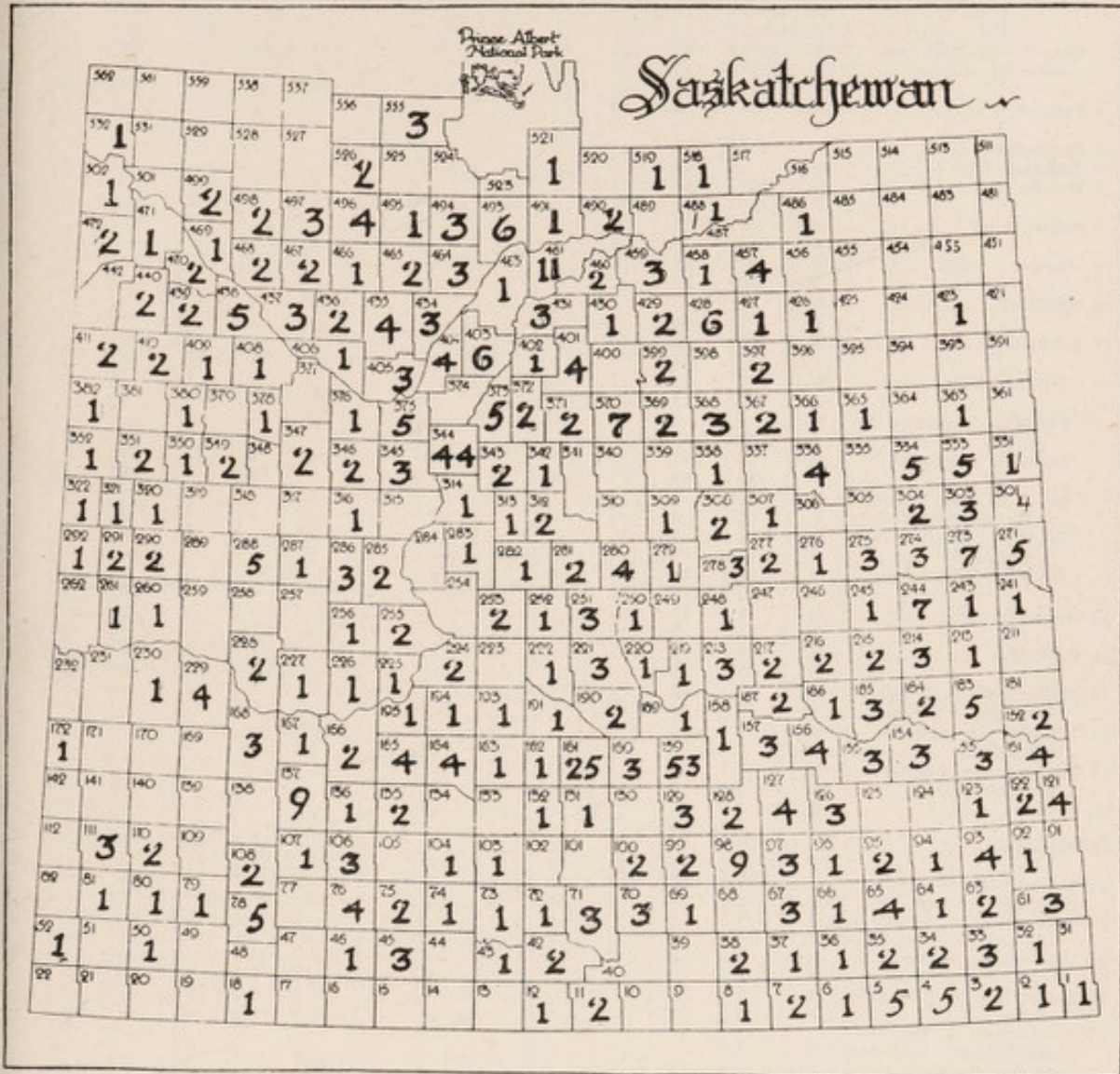


TABLE 96.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition										Widowed	Not stated		
			Under 15 years	Single					Married							
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over			Age not stated	
44	Other infectious or parasitic diseases	4	4													
	(a) Chickenpox	3	3													
	(c) Others under this title	1	1													
	Total	757	16	8	16	32	22	1	52	280	185			144		
	Class II—Cancer and other tumours	413	11	4	10	22	19	1	14	140	126			65		
	M.	344	5	4	6	10	3		38	140	59			79		
	F.	384	5	3	8	21	19	1	11	133	118			64		
45-53	Cancer and other malignant tumours	305	4	1	5	10	3		30	126	58			68		
	M.	22				1	1			8	8			4		
	F.	3								2	1					
46	Cancer of the digestive tract and peritoneum	240	1	1	4	13	10		9	80	76			45		
	M.	139	1		2	5	2		12	51	28			38		
	F.	14								9	2			3		
	(a) Of the oesophagus	2								1				1		
	M.	121			4	8	7		2	43	40			16		
	F.	55			1	4	1		6	13	13			17		
	(c) Of the rectum	18				1			1	6	6			4		
	M.	4				1			1	1				1		
	F.	29		1		2			1	6	9			10		
	(d) Of the liver and biliary ducts	27							1	16	2			8		
	M.	14							1	5	6			2		
	F.	10								3	3			4		
	(f) Of the peritoneum	2							1	1	1					
	M.	1									1					
	F.	42	1			2	3		4	10	12			10		
	(g) Of other organs	40	1		1		1		4	17	9			7		
	M.	19			1		2		1	8	3			4		
	F.	9							1	5	2			1		
	(a) Of the larynx	5			1		1			2	1					
	(b) Of the lung	11					1			4	2			4		
	M.	7								4	2			1		
	F.	2							1	1						
	(c) Of the mediastinum	1							1							
	M.	1								1						
	F.	1								1						
	(d) Of other organs of the respiratory system	1								1						
48	Cancer of the uterus	45			1	3			6	20	6			9		
	(a) Of the uterus	34				1			4	15	6			8		
	(b) Of the cervix uteri	11			1	2			2	5				1		
49	Cancer of other female genital organs	15	1	1		1			2	5	3			2		
50	Cancer of the breast	2				1				1						
	M.	67			1	1			6	36	10			13		
51	Cancer of the male genito-urinary organs	61	1	2	2	5	3		2	22	18			6		
	(a) Of the bladder	16			1	1	1			6	5			2		
	(b) Of the kidney	11	1			3				5	1			1		
	(c) Of the prostate gland	24					1			9	12			2		
	(d) Of the testicles and annexa	7		2	1				1	2				1		
	(e) Of other male genito-urinary organs	3				1	1		1							
52	Cancer of the skin	9					1			3	2			3		
	M.	2									1			1		
	F.	31	3		1	1	2			11	11			2		
53	Cancer of other or unspecified organs	25	2		1		1		3	7	7			4		
	(a) Of the eye and orbit	2				1				1						
	(c) Of the glandular system	3								1	1			1		
	(d) Of the female urinary organs	3			1					1	1					
	M.	5								1	2			2		
	(e) Of the bones and joints	7	2				2			2	1					
	(f) Of the brain	1								1						
	M.	10	1		1					6	2					
	F.	4							3	1						
	(g) Of the spine and spinal cord	4								1	2			1		
	(h) Of the neck	2									2					
	M.	1	1													
	F.	1									1					
	(i) Of the abdomen	2					1							1		
	(j) Of other specified organs	2									2					
	(m) Of unspecified or unknown location	6	1							4	1					
	M.	1												1		
54	Non-malignant tumours	27	6	1	1	1			3	6	8			1		
	(a) Of the ovary	8		1	1				1	3				2		
	(b) Of the uterus	16		1					6	4	1			4		

CONDITION, NATIVITY AND MONTH OF DEATH, 1937—Continued.

Nativity					Months												Int. list No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
4	....	....	....	....	3	....	....	....	....	1	....	....	....	....	....	....	44
3	....	....	....	....	3	....	....	....	....	1	....	....	....	....	....	....	44a
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	44c
257	175	69	252	4	75	68	72	66	62	59	55	60	63	67	53	57	45
137	84	34	154	4	44	41	33	37	30	30	31	37	33	31	30	36	46
120	91	35	98	....	31	27	39	29	32	29	24	23	30	36	23	21	46a
122	79	33	146	4	40	38	30	33	28	28	30	36	32	28	28	33	46b
109	78	31	87	....	27	23	34	29	30	27	19	20	27	32	18	19	46c
8	6	1	6	1	3	3	1	2	1	....	3	2	2	1	2	2	46d
1	1	....	1	....	....	....	....	....	....	....	....	....	1	1	....	....	46e
63	43	22	110	2	22	26	20	20	21	21	19	17	15	16	18	25	46f
44	31	15	49	....	12	9	17	13	19	11	9	5	11	14	12	7	46g
....	3	1	10	....	1	....	2	2	1	....	....	2	1	1	....	4	46h
30	21	11	57	2	9	12	10	10	8	12	12	10	6	8	12	12	46i
18	6	5	26	....	4	4	8	6	11	3	4	4	2	5	1	3	46j
5	4	4	5	....	3	1	....	2	2	3	1	1	2	1	....	2	46k
2	....	1	1	....	1	....	....	1	....	....	....	....	....	1	1	....	46l
9	7	....	13	....	3	3	2	4	5	4	1	....	3	2	2	2	46m
7	6	2	12	....	2	1	1	1	4	4	3	....	4	2	4	1	46n
4	2	3	5	....	1	1	2	....	3	....	1	....	1	1	1	3	46o
3	5	1	1	....	1	....	2	2	....	....	....	....	2	1	....	1	46p
1	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	46q
....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	46r
14	5	3	20	....	5	9	4	2	1	1	4	4	2	5	3	2	46s
14	14	5	7	....	4	3	4	2	4	4	2	1	2	5	6	2	46t
5	5	4	5	....	1	1	2	2	2	2	1	6	2	1	1	....	46u
2	4	1	2	....	....	2	1	2	1	....	1	....	....	1	1	....	46v
1	1	2	1	....	1	....	....	....	....	1	1	1	1	....	....	....	46w
2	4	1	4	....	....	2	2	2	....	1	....	5	....	1	....	....	46x
2	3	1	1	....	....	2	1	2	....	....	....	....	....	1	1	....	46y
1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	46z
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	47a
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	47b
17	11	3	14	....	3	2	5	7	5	3	1	2	8	8	1	....	47c
14	9	3	8	....	1	1	4	7	4	1	1	1	6	7	1	....	47d
3	2	....	6	....	2	1	1	....	1	2	....	1	2	1	....	....	47e
6	5	2	2	....	....	....	3	3	1	....	2	2	3	....	....	1	47f
1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	1	....	47g
29	21	8	9	....	6	8	6	2	4	10	6	9	2	7	3	4	47h
29	14	3	14	1	8	5	5	8	3	3	3	5	8	4	5	4	47i
8	2	1	5	....	1	1	1	4	....	1	1	1	3	1	1	1	47j
5	3	....	3	....	....	1	2	1	....	....	1	2	2	1	1	1	47k
11	6	1	5	1	6	1	2	2	1	2	....	1	1	3	3	2	47l
3	2	1	1	....	1	1	....	1	1	....	1	1	1	....	....	....	47m
2	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	47n
4	4	....	1	....	....	1	....	1	1	1	1	1	2	1	....	....	47o
....	1	....	1	....	1	....	....	....	....	....	....	....	....	1	....	....	47p
12	7	3	9	....	6	2	2	....	2	1	3	4	3	4	2	2	47q
10	4	2	9	....	5	2	2	2	....	3	....	2	2	1	6	....	47r
....	1	....	1	....	1	1	....	....	....	....	....	....	1	1	....	....	47s
1	1	....	1	....	1	1	....	....	....	....	....	....	....	1	....	....	47t
2	....	....	1	....	....	....	....	....	....	1	....	1	....	....	....	1	47u
3	1	....	1	....	....	....	1	....	....	....	....	....	1	....	1	2	47v
3	....	1	3	....	2	....	....	....	1	1	1	....	....	1	....	1	47w
1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	47x
4	2	1	3	....	1	1	....	....	1	....	1	3	....	1	1	1	47y
1	2	....	1	....	....	1	....	1	....	1	....	....	....	....	....	2	47z
2	2	....	....	....	1	....	1	....	....	....	1	....	1	....	....	....	48a
1	1	....	1	....	1	....	....	....	....	....	....	....	....	....	1	....	48b
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	48c
2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	48d
3	1	....	1	....	....	....	1	....	....	....	....	....	1	....	1	2	48e
3	....	1	3	....	2	....	....	....	1	1	1	....	....	1	....	1	48f
1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	48g
4	2	1	3	....	1	1	....	....	1	....	1	....	....	1	1	1	48h
1	2	....	1	....	....	1	....	1	....	1	....	....	....	....	....	....	48i
2	2	....	....	....	1	....	1	....	....	....	1	....	1	....	....	....	48j
1	1	....	1	....	1	....	....	1	....	....	....	....	....	....	1	....	48k
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	48l
....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	48m
2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	48n
1	....	....	1	....	....	....	....	....	....	....	....	1	1	....	....	....	48o
1	....	2	3	....	2	2	....	....	....	....	....	1	1	....	....	....	48p
....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	48q
15	5	1	6	....	3	2	3	4	2	2	1	1	1	3	2	3	48r
9	13	4	10	....	4	4	4	....	2	2	5	3	2	4	5	1	48s
2	1	1	4	....	1	....	2	....	1	....	1	....	1	1	....	1	48t
4	8	2	2	....	3	1	2	....	1	1	3	1	....	....	4	....	48u

CONDITION, NATIVITY AND MONTH OF DEATH, 1937.

Nativity					Months												Int. list No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
6	2	...	1	...	1	1	...	1	1	...	1	...	...	2	1	1	54d
1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...
2	1	...	4	...	...	2	...	...	...	1	...	1	...	2	1	...	54e
2	...	...	3	...	...	...	1	1	...	1	...	...	...	...	...	2	54f
7	3	1	2	...	2	1	2	2	1	1	...	1	1	1	1	...	54g
...	3	...	...	...	1	1	...	...	...	...	1	...	1	...	...	...	55
2	...	...	1	...	1	1	1	...	...	...	...	...	1	...	...	1	55d
1	...	...	2	...	1	1	...	...	...	...	...	...	...	...	...	...	...
1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	1	55g
96	19	18	49	1	17	17	18	20	16	15	10	14	11	15	15	15	...
51	5	7	26	...	10	8	6	13	10	5	4	5	5	6	8	9	...
45	14	11	23	1	7	9	12	7	6	10	6	9	6	9	7	6	...
11	2	2	2	...	1	3	2	2	2	1	1	1	1	1	1	1	56
12	1	...	...	...	1	...	2	3	...	3	1	1	2	...	...	...	...
1	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	57
2	1	2	1	...	1	...	1	...	1	1	...	...	1	...	1	...	...
18	1	5	18	...	8	3	2	6	4	1	2	2	2	3	6	3	59
12	8	6	13	...	3	8	2	3	2	4	...	3	2	6	4	1	...
...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	60
6	...	...	1	...	...	...	...	1	...	...	...	...	1	...	...	2	61
1	...	...	...	...	...	...	1	...	...	2	...	...	...	...	...	...	63
1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	65
6	2	...	...	...	...	1	...	1	2	...	...	...	1	1	1	1	66
10	3	3	7	...	1	1	4	...	1	2	2	3	1	2	2	5	...
2	1	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	66b
7	3	2	7	...	1	...	3	...	1	2	2	3	...	1	2	4	...
1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	66c
4	1	...	...	...	...	1	...	1	2	...	...	...	...	1	...	...	66d
2	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...
4	...	...	...	...	...	1	1	...	...	...	...	1	...	1	...	...	67
4	...	...	...	...	1	...	...	...	2	...	1	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	68
3	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...
3	...	3	...	...	1	...	1	1	1	...	...	...	...	...	...	2	69
4	1	...	1	1	...	...	1	1	1	...	...	2	1	1	...	...	...
2	...	...	3	...	1	...	...	1	1	...	...	...	...	...	...	2	69a
3	1	...	...	...	...	...	...	1	...	...	...	2	1	...	...	...	...
1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	69c
1	...	...	1	1	...	...	...	...	1	...	...	...	...	1	...	...	...
28	11	7	20	...	6	5	6	5	5	10	7	3	2	6	4	7	...
17	5	4	10	...	4	3	4	4	3	6	3	2	2	2	2	3	...
11	6	3	10	...	2	2	2	1	2	1	4	1	2	4	2	4	...
1	1	...	2	...	1	...	...	...	1	1	...	1	...	...	...	...	70
1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...
...	1	...	2	...	1	...	...	...	1	...	...	1	...	...	...	...	70a
1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	70b
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
5	4	1	7	...	1	2	...	3	...	3	2	1	...	2	1	2	71
2	3	2	8	...	1	2	1	1	1	3	1	...	1	2	1	2	...
5	4	1	6	...	1	1	...	3	...	3	2	1	...	2	1	2	71a
2	3	2	5	...	...	2	1	1	1	3	...	...	...	2	...	2	...
...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	71b
...	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...
10	...	3	1	...	2	1	4	1	2	2	1	...	1	...	1	1	72
6	2	1	1	...	1	1	...	1	1	1	1	1	1	2	1	1	72a
6	...	3	...	...	2	1	3	1	1	...	...	...	...	1	...	...	...
3	2	1	1	...	1	...	1	...	1	...	1	1	1	2	1	...	72b
4	...	1	...	...	...	...	1	...	1	2	...	...	...	...	1	...	...
3	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...
1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	73
1	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	74
6	2	1	1	...	2	1	...	1	1	1	2	...	1	1	...	...	...
6	2	1	1	...	2	1	...	1	1	1	2	...	1	1	...	...	...
4	1	1	1	...	2	1	...	1	1	1	...	...	1	...	...	...	75
4	1	1	1	...	2	1	...	1	1	1	...	...	1	...	...	...	75b
2	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	76
1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	76a

TABLE 96.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition											Widowed	Not stated	
			Under 15 years	Single					Married							
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated			
	(d) Other organic poisoning M.	2	1	1
	Class VI—Diseases of the nervous system and of the organs of special sense	278	68	14	17	11	10	...	1	14	48	47	...	48	...	
	M.	159	40	7	10	10	7	...	1	6	31	31	...	16	...	
	F.	119	28	7	7	1	3	...	...	8	17	16	...	32	...
78	Encephalitis (non-epidemic) M.	5	2	1	...	...	...	...	...	1	1	...	...	...	...
	F.	10	6	...	...	...	...	...	...	...	2	1	...	1	...
79	Simple meningitis M.	9	7	1	...	1	...	...	...	...	...	...	...	...	...
	F.	4	4	...	...	...	...	...	...	...	...	...	...	...	...
81	Other diseases of the spinal cord M.	12	1	...	1	1	...	...	...	...	5	3	...	1	...
	F.	10	2	1	1	...	...	...	...	1	...	...	...	5	...
82	Cerebral hæmorrhage, cerebral embolism and thrombosis M.	45	...	...	...	2	4	...	...	1	10	16	...	12	...
	F.	46	...	...	...	1	3	...	...	...	9	11	...	22	...
	(a) Cerebral hæmorrhage M.	36	...	...	...	2	4	...	...	...	8	12	...	10	...
	F.	36	...	...	...	...	2	...	...	...	8	6	...	20	...
	(b) Cerebral embolism and thrombosis M.	2	...	...	...	...	...	...	...	...	2	...	...	...	...
	F.	2	...	...	...	...	1	...	...	...	...	...	...	1	...
	(d) Hemiplegia and other paralysis, cause not specified M.	7	...	...	...	...	...	...	...	1	...	4	...	2	...
	F.	8	...	...	...	1	...	...	...	...	1	5	...	1	...
83	General paralysis of the insane M.	9	...	...	2	...	1	...	...	...	4	...	...	2	...
	F.	2	...	1	...	...	...	...	...	...	...	1	...	...	...
84	Dementia præcox and other psychoses M.	14	...	...	4	3	1	...	...	1	4	...	...	1	...
	F.	15	...	3	2	...	...	...	...	3	5	1	...	1	...
	(a) Dementia præcox M.	11	...	...	4	2	1	...	...	1	3	...	...	...	...
	F.	7	...	...	1	...	...	...	...	1	4	1	...	...	...
	(b) Other psychoses M.	3	...	...	...	1	...	...	...	...	1	...	...	1	...
	F.	8	...	3	1	...	...	...	...	2	1	...	...	1	...
85	Epilepsy M.	8	1	3	2	...	...	...	...	...	1	1	...	...	...
	F.	3	1	2	...	...	...	...	...	...	...	...	...	...	...
86	Convulsions (under 5 years of age) M.	13	13	...	...	...	...	...	...	...	...	...	...	...	...
	F.	6	6	...	...	...	...	...	...	...	...	...	...	...	...
87	Other diseases of the nervous system M.	25	5	...	1	3	1	...	...	2	5	8	...	...	...
	F.	12	1	1	2	...	...	...	...	2	1	2	...	3	...
	(a) Chorea M.	1	1	...	...	...	...	...	...	...	...	...	...	...	...
	(b) Neuralgia and neuritis M.	2	...	...	...	...	...	...	...	...	...	2	...	...	...
	(c) Paralysis agitans M.	9	...	...	...	1	...	...	...	1	3	4	...	2	...
	F.	4	...	...	1	...	...	...	...	...	1	1	...	...	...
	(d) Sclerosis (other than of the spinal cord) M.	6	...	...	1	2	...	...	...	1	1	1	...	1	...
	F.	6	...	...	1	...	...	...	...	2	1	1	...	1	...
	(e) Others under this title M.	8	5	...	...	...	1	...	...	...	1	1	...	...	...
	F.	1	...	1	...	...	...	...	...	...	...	...	...	...	...
88	Diseases of the organs of vision M.	1	...	...	...	...	...	...	...	...	...	1	...	...	...
	F.	1	1	...	...	...	...	...	...	...	...	...	...	...	...
89	Diseases of the ear and mastoid process M.	18	11	2	...	...	...	...	1	1	1	2	...	...	...
	F.	10	7	1	...	...	...	...	...	2	...	...	...	...	...
	(a) Otitis M.	9	5	1	...	...	...	...	...	1	1	1	...	...	...
	F.	6	4	1	...	...	...	...	...	1	...	...	...	...	...
	(b) Diseases of the mastoid process M.	9	6	1	...	...	...	...	1	...	...	1	...	...	...
	F.	4	3	...	...	...	...	...	...	1	...	...	...	...	...
	Class VII—Diseases of the circulatory system	1,348	18	12	16	49	72	1	1	42	314	412	...	409	2	
	M.	820	11	5	14	38	58	1	1	14	196	289	...	191	2	
	F.	528	7	7	2	11	14	...	...	28	118	123	...	218	...
90-95	Diseases of the heart M.	540	7	5	13	30	39	...	1	12	143	175	...	114	1	
	F.	339	7	7	2	7	8	...	...	24	70	70	...	144	...
90	Pericarditis M.	5	1	...	...	...	1	...	...	...	...	2	...	1	...
	F.	4	1	1	...	...	...	...	...	1	1	...	...	...	...
91	Acute endocarditis M.	9	2	1	...	1	1	...	...	1	2	1	...	...	...
	F.	6	...	1	...	...	...	...	...	1	2	1	...	1	...
	(a) Endocarditis, specified as acute M.	8	1	1	...	1	1	...	...	1	2	1	...	...	...
	F.	6	...	1	...	...	...	...	...	1	2	1	...	1	...
	(b) Endocarditis, unspecified (under 45 years of age) M.	1	1	...	...	...	...	...	...	...	...	...	...	...	...
92	Chronic endocarditis, valvular diseases M.	79	1	1	1	7	7	...	...	4	16	27	...	15	...
	F.	94	4	4	2	3	2	...	...	11	18	19	...	31	...
	(a) Endocarditis specified as chronic and other M.	77	1	1	1	6	7	...	...	4	16	26	...	15	...
	F.	92	4	4	2	3	1	...	...	11	18	19	...	30	...
	(b) Endocarditis, unspecified (45 years and over) M.	2	...	...	...	1	...	...	...	...	...	1	...	...	...
	F.	2	...	...	...	...	1	...	...	...	...	...	...	1	...
93	Diseases of the myocardium M.	174	2	2	3	2	16	...	...	1	39	61	...	48	...
	F.	116	2	1	...	3	1	...	...	4	23	25	...	57	...
	(a) Acute myocarditis M.	13	1	...	...	...	2	...	...	...	2	3	...	5	...
	F.	8	2	...	...	...	...	...	...	1	3	...	...	2	...

CONDITION, NATIVITY AND MONTH OF DEATH, 1937.

Nativity					Months												Int. list No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
1	1	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	78d
186	37	22	52	1	25	35	29	29	31	25	24	19	15	19	12	15	
98	20	11	29	1	13	21	12	17	18	15	12	13	10	16	4	8	
68	17	11	23	....	12	14	17	12	13	10	12	6	5	3	8	7	
5	....	....	....	....	....	1	....	....	1	....	1	....	1	....	....	1	78
7	1	2	....	....	1	2	1	....	2	....	2	....	....	....	1	1	
8	1	....	....	....	1	....	1	2	2	3	....	....	....	....	....	....	79
4	....	....	....	....	1	....	1	....	....	....	....	1	....	....	....	....
4	4	2	2	....	2	4	....	....	1	1	....	....	....	3	....	1	81
6	....	1	3	....	1	1	2	....	....	2	....	2	....	....	2	....
24	5	6	10	....	3	4	3	5	4	7	2	5	3	7	....	2	82
18	10	5	13	....	5	5	5	7	4	3	6	2	2	2	2	3	
21	3	5	7	....	3	4	3	3	3	5	1	4	2	7	....	1	82a
16	9	3	8	....	5	4	5	6	3	2	5	2	1	2	....	1	
2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	82b
....	....	....	2	....	....	1	....	1	....	....	....	....	....	....	....	....
1	2	1	3	....	....	....	....	2	1	1	1	1	1	....	....	....	82d
2	1	2	3	....	....	....	....	....	1	1	1	....	1	....	2	2	
2	1	1	5	....	....	1	....	....	1	1	3	1	1	....	1	....	83
2	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....
6	4	....	4	....	3	4	1	2	....	1	....	2	....	1	....	....	84
7	3	....	5	....	1	....	2	1	1	4	1	....	2	1	1	1	
6	4	....	1	....	3	3	1	1	....	1	....	2	....	....	....	....	84a
1	2	....	4	....	....	1	....	1	1	2	....	....	1	1	....	1	
....	....	....	3	....	....	1	....	1	....	....	....	....	....	1	....	....	84b
6	1	....	1	....	1	....	1	1	....	2	1	....	1	....	1	....
7	....	....	1	....	1	1	....	2	....	....	2	....	2	....	....	....	85
1	....	1	1	....	....	1	....	....	1	....	....	1	....	....	....	....
13	....	....	....	....	2	2	3	1	2	....	....	1	....	1	....	1	86
6	....	....	....	....	2	....	....	1	2	....	....	....	....	....	1	....
15	4	1	5	....	1	3	2	1	3	1	3	2	4	....	2	3	87
6	3	2	1	....	1	....	4	1	1	1	3	....	....	....	....	1	
1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	87a
1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	87b
3	2	....	4	....	....	2	1	....	2	....	1	....	2	....	1	....	87c
3	....	1	....	....	....	....	2	....	1	....	....	....	....	....	....	1	
3	2	1	....	....	1	1	....	....	1	....	2	1	....	....	....	....	87d
2	2	1	1	....	1	....	2	....	....	1	2	....	....	....	....	....
8	....	....	....	....	....	....	1	1	....	1	....	1	2	....	1	1	87e
....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	88
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	1	1	1	1	....	1	2	4	3	1	3	....	1	2	1	....	89
10	....	....	....	....	....	4	2	2	1	....	....	....	....	....	....	1	
6	1	1	1	....	....	....	2	1	1	1	....	1	1	....	....	....	89a
6	....	....	....	....	....	2	2	1	1	....	....	....	....	....	....	....
8	....	....	....	1	....	1	....	3	1	....	2	....	....	1	1	....	89b
4	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	1	
519	289	128	407	5	116	141	127	113	116	114	98	104	89	107	120	103	
323	187	83	244	3	64	81	75	65	73	68	67	64	51	65	81	66	
196	122	45	163	2	52	60	52	48	43	46	31	40	38	42	39	37	
205	112	57	164	2	52	45	49	37	45	41	43	47	35	43	60	43	90-95
135	68	27	108	1	36	40	35	31	29	29	22	17	23	29	28	20	
1	1	1	2	....	....	....	1	....	1	1	....	1	....	....	....	....	90
3	1	....	....	....	....	1	....	....	....	1	....	....	....	....	....	1	
5	2	1	1	....	....	....	1	1	....	1	1	3	1	....	....	1	91
4	1	....	1	....	....	....	1	1	....	....	1	....	1	2	....	....
4	2	1	1	....	....	....	1	....	....	1	1	3	1	....	....	1	91a
4	1	....	1	....	....	....	1	1	....	....	1	....	....	....	....	....
1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	91b
27	14	11	27	....	8	5	5	5	7	8	5	4	6	10	9	7	
34	18	11	31	....	6	16	10	13	7	9	6	4	5	8	5	5	92
26	14	11	26	....	8	5	5	5	7	7	5	4	6	10	9	6	92a
34	17	11	30	....	6	16	10	12	7	9	6	4	5	8	5	4	
1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	1	92b
....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	1	
53	35	20	66	....	19	16	21	17	15	11	12	13	8	15	18	9	93
46	25	8	37	....	18	13	13	6	11	11	7	6	6	12	8	5	
3	3	....	7	....	1	....	2	1	3	....	....	....	2	1	1	2	93a
5	....	1	2	....	1	1	....	....	2	2	1	....	1	....	....	....

CONDITION, NATIVITY AND MONTH OF DEATH, 1937—Continued.

Canada	Nativity				Months												Int. list No.
	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
47	27	19	53	....	15	14	19	16	11	9	10	11	5	13	16	7	93c
37	21	6	30	....	14	10	12	6	7	7	6	5	5	11	7	4	
3	5	1	6	....	3	2	....	....	1	2	2	2	1	1	1	....	93d
4	4	1	5	....	3	2	1	....	2	2	....	1	....	1	1	1	
95	51	18	54	2	22	14	13	12	16	16	24	24	13	16	26	24	94
33	17	6	27	1	10	4	6	6	7	7	7	4	9	6	11	7	
3	6	....	5	....	3	....	1	1	2	....	2	1	3	....	1	1	94a
1	....	....	3	1	1	....	....	....	1	....	1	....	....	1	....	1	
77	36	12	41	2	13	13	9	8	10	13	19	22	8	9	24	20	94b
26	13	5	20	....	8	3	4	4	6	5	4	4	9	5	7	5	
15	9	6	8	....	6	1	3	3	4	3	3	1	2	7	2	3	94c
6	4	1	4	....	1	1	2	2	....	2	2	....	....	4	1	1	
21	9	6	14	....	3	10	8	5	6	4	1	2	6	2	7	2	95
15	6	2	12	....	2	6	5	5	4	2	....	3	1	1	4	2	
10	2	....	3	....	1	4	2	....	....	....	1	1	2	....	3	1	95a
3	1	....	1	....	1	1	2	....	1	....	....	....	....	....	....	....
14	7	6	11	....	2	6	6	2	6	4	....	1	4	2	4	1	95b
12	5	2	11	....	1	5	3	5	4	1	....	3	1	1	4	2	
2	2	....	3	....	....	1	....	....	2	....	....	....	1	....	1	2	96
....	....	....	1	....	1	....	....	1	....	....	....	....	1	....	....	....
84	38	19	56	1	11	25	22	19	22	17	22	11	9	14	15	11	97
37	33	11	30	1	10	13	11	9	6	12	4	13	8	9	9	8	
4	4	1	2	....	1	1	....	....	....	2	....	2	....	3	1	1	98
1	....	1	2	....	1	1	....	1	....	....	....	....	....	1	....	....
4	2	....	2	....	....	3	....	....	1	1	....	....	....	....	....	2	99
2	....	2	1	....	....	2	....	....	....	....	....	2	....	....	....	1	
1	1	1	2	....	....	....	....	2	1	1	....	....	1	....	....	....	100
2	3	....	2	....	1	....	1	1	1	....	1	....	1	....	....	1	
3	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	1	101
....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
20	8	5	15	....	....	6	4	6	4	3	2	3	5	5	4	6	102
19	16	4	18	....	3	3	5	5	7	5	4	8	5	4	1	7	
460	74	39	111	2	73	80	72	106	68	45	35	22	25	57	51	52	
255	43	27	74	1	44	46	42	56	44	23	20	19	15	31	30	30	
205	31	12	37	1	29	34	30	50	24	22	15	3	10	26	21	22	
5	2	....	....	....	....	....	2	1	1	....	1	1	....	1	....	....	104
2	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....
5	....	....	....	....	1	....	....	....	....	....	....	3	....	1	....	....	105
2	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	105a
4	....	....	....	....	1	....	....	....	....	....	....	2	....	1	....	....	105b
2	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....
8	2	1	7	....	1	2	2	4	1	1	1	2	1	1	2	....	106
7	2	....	3	....	1	1	1	5	1	1	1	....	....	1	1	....
7	....	....	1	....	....	....	1	2	....	1	1	....	1	....	1	2	106a
6	....	....	2	....	....	....	1	3	1	1	....	....	....	1	1	....
1	2	1	6	....	1	2	1	2	1	1	....	1	1	....	....	....	106b
....	2	....	1	....	....	....	....	2	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	106c
117	7	1	20	1	20	18	13	29	17	2	5	6	3	13	9	11	107
94	8	1	9	1	11	18	13	18	8	12	3	....	6	8	5	11	
116	7	1	20	1	19	18	13	29	17	2	5	6	3	13	9	11	107a
93	8	1	9	1	11	18	13	18	7	12	3	....	6	8	5	11	
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	107b
1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
62	20	20	26	....	13	17	12	16	16	12	3	2	5	8	14	10	108
51	14	7	17	....	7	11	11	10	10	5	6	3	1	11	7	7	
42	4	1	4	....	8	5	11	3	5	3	1	1	3	5	3	3	109
33	2	1	4	....	6	3	5	9	2	....	4	....	....	3	6	2	
2	3	....	2	....	1	1	....	....	....	....	3	2	....	....	....	....	110
1	1	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....
2	1	1	2	....	....	....	2	....	....	....	1	2	....	....	....	....	111
6	1	....	....	....	1	....	....	1	....	2	....	....	....	....	1	2	
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	111a
1	1	1	2	....	....	....	2	....	....	1	2	....	....	....	....	....	111b
6	1	....	....	....	1	....	....	1	....	2	....	....	....	....	1	2	
7	3	2	8	....	....	1	....	2	2	3	2	1	1	1	2	5	112
7	3	3	4	....	4	....	....	4	3	1	....	....	2	2	1	....
1	....	....	1	....	....	....	....	1	....	....	....	1	....	....	....	....	113
4	1	1	4	....	....	2	....	....	2	1	2	....	1	1	....	1	114
2	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....

TABLE 96.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition											Widowed	Not stated	
			Under 15 years	Single					Married							
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated			
	(b) Gangrene of the lung...M.	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
	(c) Others under this title.....F.	9	2	1	....	1	....	....	....	....	2	2	....	....	1	....
	Class IX—Diseases of the digestive system.....M.	689	275	46	23	17	8	....	....	3	58	120	65	....	73	1
	.....F.	425	179	29	20	15	7	....	....	3	30	76	37	....	31	1
	Total	264	96	17	3	2	1	....	....	3	28	44	28	....	42	....
115	Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations).....M.	28	8	3	3	1	....	....	....	....	4	7	1	....	1	....
	.....F.	18	5	3	....	....	....	....	....	....	4	3	1	....	2	....
	(a) Diseases of the buccal cavity and annexa.....M.	7	....	1	....	....	....	....	....	....	5	....	....	....	1	....
	.....F.	5	....	1	....	....	....	....	....	....	1	1	1	....	1	....
	(b) Diseases of the tonsils.....M.	12	4	2	2	1	....	....	....	....	1	1	1	....	....	....
	.....F.	10	4	1	....	....	....	....	....	....	3	1	....	....	1	....
	(c) Others under this title.....M.	9	4	1	....	....	....	....	....	....	3	1	....	....	....	....
	.....F.	3	1	1	....	....	....	....	....	....	1	....	....	....	....	....
116	Diseases of the œsophagus.....M.	2	1	....	1	....	....	....	....	....	....	....	....	....	....	....
117	Ulcer of the stomach or duodenum.....M.	53	....	1	2	4	3	....	....	....	5	22	6	....	10	....
	.....F.	9	....	1	....	1	....	....	....	....	5	....	....	....	2	....
	(a) Ulcer of the stomach.....M.	33	....	1	1	4	2	....	....	....	3	12	6	....	4	....
	.....F.	6	....	1	....	....	....	....	....	....	4	....	....	....	1	....
	(b) Ulcer of the duodenum.....M.	20	....	....	1	....	1	....	....	....	2	10	....	....	6	....
	.....F.	3	....	....	....	1	....	....	....	....	1	....	....	....	1	....
118	Other diseases of the stomach.....M.	20	10	1	....	....	....	....	....	....	....	4	4	....	1	....
	.....F.	3	2	....	....	....	....	....	....	....	....	....	1	....	....	....
119	Diarrhoea and enteritis (under 2 years of age).....M.	101	101	....	....	....	....	....	....	....	....	....	....	....	....	....
	.....F.	55	55	....	....	....	....	....	....	....	....	....	....	....	....	....
120	Diarrhoea and enteritis (2 years and over).....M.	23	16	1	....	....	2	....	....	....	1	....	2	....	1	....
	.....F.	24	7	1	....	....	....	....	....	....	1	2	4	....	7	....
	(a) Diarrhoea and enteritis.....M.	23	16	1	....	....	2	....	....	....	1	....	2	....	1	....
	.....F.	17	7	1	....	....	....	....	....	....	1	1	1	....	2	....
	(b) Ulceration of the intestines.....F.	7	....	....	....	....	....	....	....	....	1	3	....	....	3	....
121	Appendicitis.....M.	101	33	18	10	3	....	....	....	....	15	16	4	....	2	....
	.....F.	46	20	11	1	....	....	....	....	....	2	3	4	....	2	....
122	Hernia, intestinal obstruction.....M.	54	8	2	3	4	....	....	....	....	1	15	11	....	10	....
	.....F.	36	3	....	1	1	....	....	....	....	8	8	8	....	7	....
	(a) Hernia.....M.	30	3	....	3	2	....	....	....	....	....	9	7	....	6	....
	.....F.	13	....	....	....	....	....	....	....	....	1	5	3	....	4	....
	(b) Intestinal obstruction.....M.	24	5	2	....	2	....	....	....	....	1	6	4	....	4	....
	.....F.	23	3	....	1	1	....	....	....	....	7	3	5	....	3	....
123	Other diseases of the intestines.....M.	4	....	1	....	....	....	....	....	....	....	....	....	....	2	1
	.....F.	4	1	....	1	....	....	....	....	....	....	....	....	....	2	....
124	Cirrhosis of the liver.....M.	8	....	....	1	....	1	....	....	....	....	2	3	....	1	....
	.....F.	11	....	1	....	....	....	....	....	....	1	4	2	....	3	....
	(a) Specified as alcoholic.....M.	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....
	(b) Not specified as alcoholic.....M.	7	....	....	1	....	1	....	....	....	....	2	3	....	....	....
	.....F.	11	....	1	....	....	....	....	....	....	1	4	2	....	3	....
125	Other diseases of the liver.....M.	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....
	.....F.	3	....	....	....	....	....	....	....	....	2	....	....	....	1	....
	(a) Yellow atrophy of the liver.....F.	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....
	(b) Others under this title.....M.	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....
	.....F.	2	....	....	....	....	....	....	....	....	2	....	....	....	....	....
126	Biliary calculi.....M.	12	....	....	1	....	....	....	....	....	1	5	3	....	1	....
	.....F.	25	....	....	....	....	....	....	....	....	6	8	4	....	7	....
127	Other diseases of the gall-bladder and biliary passages.....M.	15	....	2	....	2	1	....	....	....	....	5	3	....	2	....
	.....F.	24	....	....	....	....	....	....	....	....	2	7	7	....	8	....
128	Diseases of the pancreas.....F.	2	....	....	....	....	1	....	....	....	....	1	....	....	....	....
129	Peritonitis, cause not specified.....M.	3	2	....	....	....	....	....	....	....	1	....	....	....	....	....
	.....F.	4	3	....	....	....	....	....	....	....	....	....	....	....	....	....
	Class X—Diseases of the genito-urinary system.....M.	410	15	10	9	11	15	....	....	3	33	89	111	....	114	....
	.....M.	264	11	7	6	9	15	....	....	1	11	47	93	....	64	....
	.....F.	146	4	3	3	2	....	....	....	2	22	42	18	....	50	....
130	Acute nephritis (including unspecified, under 10 years of age).....M.	12	5	1	1	....	....	....	....	1	....	2	....	....	2	....
	.....F.	6	4	....	....	....	....	....	....	....	....	2	....	....	....	....
131	Chronic nephritis.....M.	122	2	4	4	5	4	....	....	....	10	23	44	....	26	....
	.....F.	104	....	1	2	2	....	....	....	....	1	12	29	....	45	....
132	Nephritis, unspecified (10 years and over).....M.	17	....	1	....	1	1	....	....	....	....	2	6	....	6	....
	.....F.	7	....	....	....	....	....	....	....	....	2	2	2	....	1	....
133	Other diseases of the kidneys and urters.....M.	15	3	1	....	1	....	....	....	....	....	5	2	....	3	....
	.....F.	9	....	2	....	....	....	....	....	....	1	3	2	....	1	....
134	Calculi of the urinary passages.....M.	11	....	....	....	1	....	....	....	....	....	4	5	....	1	....
	.....F.	4	....	....	....	....	....	....	....	....	2	1	1	....	....	....
135	Diseases of the bladder (tumours excepted).....M.	2	....	....	1	....	....	....	....	....	....	....	....	....	1	....
	.....F.	3	....	....	....	....	....	....	....	....	....	....	1	....	2	....

CONDITION, NATIVITY AND MONTH OF DEATH, 1937—Continued.

Nativity					Months												Int. list No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
33	18	6	24	1	5	7	5	3	6	5	8	10	5	9	9	10	137
3	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	1	138
7	2	2	2	....	1	....	....	2	1	2	....	3	....	1	3	....	139
2	....	2	1	....	....	....	....	....	....	2	....	1	....	1	1	....	139a
4	2	....	1	....	1	....	....	1	1	....	....	....	....	....	2	....	139b
1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	139c
57	8	6	15	....	7	14	11	9	3	10	1	5	4	7	8	7	....
12	....	....	7	....	....	3	2	2	2	2	1	2	1	2	2	....	140
11	....	....	4	....	....	3	2	1	1	1	1	2	1	1	2	....	140a
1	....	....	3	....	....	....	....	1	1	1	....	....	....	1	....	....	140b
1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	141
1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	141a
3	....	1	1	....	....	....	1	....	....	....	....	1	....	1	2	....	142
3	....	1	1	....	....	....	1	....	....	....	....	1	....	1	2	....	142b
7	....	1	1	....	1	....	1	1	....	1	....	....	....	1	1	3	144
2	....	....	1	....	1	....	1	....	....	....	....	....	....	....	....	1	144a
5	....	1	....	....	....	....	....	1	....	1	....	....	....	1	1	2	144b
16	3	1	2	....	2	7	3	4	....	3	....	1	1	....	....	1	145
16	3	1	2	....	2	7	3	4	....	3	....	1	1	....	....	1	145a
9	2	1	3	....	1	2	3	1	1	1	....	....	1	2	1	2	146
3	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	....	147
4	3	1	....	....	2	....	1	1	....	2	....	....	....	1	....	1	148
2	1	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	148a
1	1	....	....	....	1	....	....	1	....	1	....	....	....	....	....	1	148b
1	1	1	....	....	1	....	....	....	....	1	....	....	....	1	....	....	148c
2	....	1	1	....	1	....	....	....	....	1	....	1	....	....	1	....	149
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	149a
1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	149b
....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	149c
....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	149e
20	2	1	1	....	1	1	1	5	1	....	2	4	3	2	3	1	....
12	2	1	1	....	1	....	1	4	1	....	1	2	1	1	3	1	....
8	....	....	....	....	....	1	....	1	....	....	1	2	2	1	....	....	....
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	151
2	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
9	1	1	....	....	....	....	1	4	1	....	....	1	....	....	3	1	152
5	....	....	....	....	....	1	....	1	....	....	1	1	1	....	....	....	....
3	....	....	1	....	1	....	....	....	....	....	1	....	1	1	....	....	153
1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
18	2	3	2	....	4	....	1	3	1	3	3	2	2	1	2	3	....
11	2	3	2	....	3	....	....	3	1	1	2	1	1	1	2	3	....
7	....	....	....	....	1	....	1	....	....	2	1	1	1	....	....	....	....
6	1	1	....	....	2	....	....	2	1	....	1	....	....	....	2	....	154
4	....	....	....	....	1	....	....	....	....	2	1	....	....	....	....	....	....
1	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	2	155
3	....	....	....	....	....	....	1	....	....	....	....	1	1	....	....	....	....
4	....	1	2	....	1	....	....	....	....	1	1	1	1	1	....	1	156
2	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	156a
2	....	1	2	....	1	....	....	....	....	....	1	1	....	1	....	1	156b
114	....	....	....	....	6	11	10	10	8	8	8	12	7	16	12	6	....
71	....	....	....	....	3	9	6	7	4	5	6	7	5	8	7	4	....
43	....	....	....	....	3	2	4	3	4	3	2	5	2	8	5	2	....

TABLE 96.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition											Widowed	Not stated		
			Under 15 years	Single					Married								
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated				
157	Congenital malformations M.	71	70	1													
	(stillbirths excluded) F.	43	43														
	(a) Congenital hydrocephalus M.	7	6	1													
	F.	8	8														
	(b) Spina bifida and meningocele M.	11	11														
	F.	7	7														
	(c) Congenital malformations of the heart M.	28	28														
	F.	16	16														
	(d) Monstrosities M.	1	1														
	F.	1	1														
	(e) Others under this title M.	24	24														
	F.	11	11														
	Class XV—Diseases of early infancy Total	453	453														
	M.	275	275														
	F.	178	178														
158	Congenital debility M.	35	35														
	F.	28	28														
159	Premature birth M.	163	163														
	F.	107	107														
160	Injury at birth M.	34	34														
	F.	25	25														
	(b) Without mention of caesarean operation M.	34	34														
	F.	25	25														
161	Other diseases peculiar to early infancy (under 3 months) M.	43	43														
	F.	18	18														
	(a) Atelectasis M.	18	18														
	F.	2	2														
	(b) Icterus of the newborn M.	5	5														
	F.	4	4														
	(c) Sclerema and oedema M.	1	1														
	(e) Others, including lack of care F.	11	11														
	(f) No cause given, no doctor in attendance M.	3	3														
	F.	1	1														
	Class XVI—Senility Total	116					4						40			72	
	M.	64					2						27			35	
	F.	52					2						13			37	
162	Senility M.	64					2						27			35	
	F.	52					2						13			37	
	(a) With senile dementia (70 years and over) M.	17					1						5			11	
	F.	5					1						2			2	
	(b) Without senile dementia (70 years and over) M.	47					1						22			24	
	F.	47					1						11			35	
	Class XVII—Violent or accidental deaths Total	451	100	70	36	20	12	1	5	43	83	32				49	
	M.	327	63	53	32	17	11	1	2	33	64	22				29	
	F.	124	37	17	4	3	1		3	10	19	10				20	
163-171	Suicides M.	69	1	7	5	12	1	1		9	23	3				7	
	F.	18		5	1					2	4	1				5	
163	Suicide by solid or liquid poisons or by absorption of corrosive substances F.	12			1	3				1	4	2				1	
165	Suicide by hanging or strangulation M.	20	1	1	3	3	1	1		2	6	1				1	
	F.	2														2	
166	Suicide by drowning M.	1														1	
	F.	2														2	
167	Suicide by firearms M.	31		6	1	5				6	12					1	
	F.	2								1	1						
168	Suicide by cutting or piercing instruments M.	5				1					1					3	
173-175	Homicides M.	5	1	2		1										1	
	F.	4			1					3							
173	Homicides by firearms M.	3	1	1												1	
	F.	1								1							
175	Homicide by other means M.	2		1		1											
	F.	3			1					2							
176-198	Other violent deaths M.	253	61	44	27	4	10		2	24	41	19				21	
	F.	102	37	12	2	3	1		3	5	15	9				15	
177	Food poisoning M.	2	1	1													
	F.	1	1														
178	Accidental absorption of toxic gases M.	5		1	1					1	1					1	
	F.	1								1							
179	Other acute accidental poisonings (except by gas) M.	2	1								1						
	F.	2				1										1	
180	Conflagration M.	6	1				2				2					1	
	F.	2	1													1	
181	Accidental burns (conflagration excepted) M.	20	10	2		2	1			1	3					1	
	F.	18	11	2						1	2	1				1	

TABLE 96.—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. list No.	Causes of death	Total	Conjugal condition										Widowed	Not stated	
			Under 15 years	Single					Married						
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over			Age not stated
182	Accidental mechanical suffocation	M. 11 F. 11	5 10	3 1	1 .....	.....	.....	.....	.....	1 .....	.....	1.....	.....	.....	.....
183	Accidental drowning	M. 29 F. 5	7 1	13 3	.....	.....	.....	.....	.....	.....	4 1	1 .....	.....	.....	1
184	Accidental injury by firearms	M. 16 F. 2	6 2	2	1 .....	.....	.....	.....	.....	.....	3	3	1.....	.....	.....
185	Accidental injury by cutting or piercing instruments	M. 8 F. 1	2 1	2	1 .....	.....	.....	.....	.....	.....	.....	3.....	.....	.....	.....
186	Accidental injury by fall, crushing or landslide	M. 115 F. 50	13 9	17 5	13 1	1 1	4 1	.....	.....	1 2	14 3	20 11	16 7	.....	16 10
188	Injuries by animals	M. 15 F. 1	8	1	2 .....	.....	.....	.....	.....	.....	.....	2 1	1 .....	.....	1
190	Excessive cold	M. 6 F. 2	.....	1	2 1	1	1 .....	.....	.....	.....	.....	1 1	.....	.....	.....
191	Excessive heat	M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
193	Accidents due to electric currents	M. 1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
194	Other accidents	M. 13 F. 6	6 1	1 1	1 .....	.....	2 1	.....	.....	.....	.....	2	1 1	.....	.....
	(a) Foreign body	M. 3 F. 1	3 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	(b) Others under this title	M. 10 F. 5	3	1 1	1 .....	.....	2 .....	.....	.....	.....	.....	2 1	1.....	.....	.....
195	Violent deaths of which the nature (accident, suicide, homicide) is unknown	M. 3	.....	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	Class XVIII—ill-defined	Total 26	11	.....	1	1	1	.....	.....	.....	2	6	3	.....	1
	causes of death	M. 17 F. 9	5 6	.....	1	1	1	.....	.....	.....	1	4	3	.....	1
199	Sudden death	M. 11 F. 5	2 4	.....	1	.....	1	.....	.....	.....	.....	3	3	.....	1
200	Cause of death not specified or ill-defined	M. 6 F. 4	3 2	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....

TABLE 96A.—SPECIAL CLASSES OF ACCIDENTAL DEATHS (INCLUDED

Class	Description	Sex	Total	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	Age not stated	Widowed	Not stated
A	Accidents in mines and quarries	M.	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
B	Accidents caused by machines	M. 2 F. 2	2 2	.....	1 1	4	3 .....	.....	2 .....	.....	2	3	1.....	.....	.....	.....
C	Railway accidents	M. 23 F. 5	23 5	.....	1 1	1	3 .....	.....	.....	1 1	4	9	2 .....	.....	2.....	.....
E	Automobile and motoreycle accidents	M. 33 F. 14	33 14	.....	5 3	9 3	4 1	.....	.....	.....	5 1	9 2	.....	.....	1.....	.....
F	Other land transportation	M. 17 F. 3	17 3	.....	3 1	4	1	1 .....	.....	.....	1	3 1	1 .....	.....	2 1	.....
G	Water transportation	M. 5	5	.....	.....	1	.....	.....	.....	.....	3	.....	.....	.....	1	.....
H	Air transportation	M. 5 F. 1	5 1	.....	.....	3 1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....

CONDITION, NATIVITY AND MONTH OF DEATH, 1937—Continued.

Nativity					Months												Int. list No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
10	.....	.....	1	.....	.....	2	1	2	.....	1	.....	1	1	.....	.....	3	182
11	.....	.....	.....	.....	1	1	2	.....	.....	2	1	1	2	1	.....	.....	.....
22	.....	4	3	.....	1	.....	.....	1	3	4	9	5	3	.....	3	.....	183
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	3	.....	2	.....	2	1	1	1	2	1	.....	2	1	2	2	1	184
2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
5	1	1	1	.....	2	.....	1	1	1	1	2	.....	.....	.....	.....	.....	185
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
64	9	13	27	2	.....	3	11	12	12	11	18	6	13	12	10	7	186
22	9	7	12	.....	3	3	3	2	4	6	6	2	4	6	4	7	.....
9	.....	1	5	.....	.....	1	.....	1	2	2	1	1	1	3	3	.....	188
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
2	.....	.....	4	.....	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	190
1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	191
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	193
9	1	2	1	.....	2	.....	.....	2	1	.....	1	1	2	2	1	1	194
5	1	.....	.....	.....	.....	.....	1	.....	1	1	.....	.....	1	1	1	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	194a
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
6	1	2	1	.....	2	.....	.....	1	1	1	1	1	2	1	1	.....	194b
4	1	.....	.....	.....	.....	.....	1	.....	1	1	.....	.....	1	.....	1	.....	.....
.....	.....	.....	3	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	1	.....	195
20	3	2	1	.....	1	2	2	1	5	2	2	.....	.....	2	4	4	.....
13	2	2	.....	.....	1	1	.....	1	3	2	2	.....	.....	2	2	3	.....
7	1	.....	1	.....	.....	1	2	.....	.....	.....	.....	.....	.....	1	2	1	.....
8	1	2	.....	.....	1	.....	.....	.....	2	2	.....	.....	.....	2	1	2	199
5	.....	.....	.....	.....	.....	1	1	.....	3	.....	.....	.....	.....	1	1	.....	.....
5	1	.....	.....	.....	.....	1	.....	1	.....	.....	2	.....	.....	1	1	.....	200
2	1	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....

ALSO UNDER THE NUMBERS OF THE INTERNATIONAL LIST ABOVE), 1937.

.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	A
11	1	2	3	.....	1	.....	2	4	2	1	2	1	1	.....	.....	2	B
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	3	2	7	1	.....	.....	2	4	3	3	3	.....	2	5	.....	1	C
3	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	2	.....
22	2	4	5	.....	.....	1	1	2	2	5	6	2	4	5	5	.....	E
6	2	3	3	.....	.....	.....	.....	.....	.....	4	3	.....	2	2	2	.....	.....
9	.....	3	4	1	.....	2	1	1	4	1	2	.....	1	1	3	1	F
1	.....	.....	2	.....	.....	.....	.....	1	1	.....	.....	.....	1	.....	.....	.....	.....
3	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	1	3	.....	.....	.....	G
4	.....	.....	1	.....	.....	.....	.....	.....	2	.....	3	.....	.....	.....	.....	.....	H
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....

TABLE 98.—TOTAL DEATHS FROM ALL

List No.	Diseases	1928		1929		1930	
		No.	Rate	No.	Rate	No.	Rate
1-2	Typhoid and paratyphoid fever.....	21	2.5	23	2.7	29	3.3
5	Undulant fever .....	.....	.....	.....	.....	.....	.....
6	Smallpox	1	0.1	3	0.3	.....	.....
7	Measles	21	2.5	28	3.2	8	0.9
8	Scarlet fever	22	2.6	43	5.0	19	1.1
9	Whooping cough	47	5.5	58	6.7	54	6.1
10	Diphtheria	82	9.6	92	10.6	69	7.8
11	Influenza	356	41.8	439	50.7	158	17.9
13	Dysentery	3	0.4	8	0.9	28	3.1
15	Erysipelas	15	1.8	30	3.5	18	2.0
16	Poliomyelitis and polioencephalitis (acute)	11	1.3	20	2.3	31	3.4
17	Epidemic or lethargic encephalitis	12	1.4	15	1.7	5	0.6
18	Epidemic cerebrospinal meningitis	21	2.5	29	3.3	25	2.8
19	Glanders .....	.....	.....	.....	.....	.....	.....
22	Tetanus	2	0.2	.....	.....	3	0.3
23-32	Tuberculosis	378	44.1	377	43.5	497	46.1
34	Syphilis	16	1.9	11	1.4	17	1.9
35	Gonococcus and other venereal diseases	1	0.1	1	0.1	.....	.....
36	Purulent infection septicæmia (non-puerperal)	30	3.5	27	3.1	19	2.2
38	Malaria	1	0.1	.....	.....	.....	.....
39	Other diseases due to protozoal parasites .....	.....	.....	.....	.....	.....	.....
41	Hydatid cysts .....	.....	.....	.....	.....	.....	.....
43	Mycoses	4	0.5	.....	.....	3	0.3
44	Other infectious diseases	4	0.5	4	0.5	3	0.3
45-53	Cancer	470	55.2	511	59.0	480	54.4
54-55	Non-malignant tumours, nature not specified	9	0.4	25	2.9	19	2.2
56	Acute rheumatic fever	30	3.5	30	3.5	26	2.9
57	Chronic rheumatism, osteoarthritis	8	1.0	7	0.8	3	0.3
59	Diabetes mellitus	59	7.0	77	8.9	67	7.6
60	Scurvy .....	.....	.....	.....	.....	.....	.....
61	Beriberi .....	.....	.....	.....	.....	.....	.....
62	Pellagra .....	.....	.....	.....	.....	.....	.....
63	Rickets	13	1.5	15	1.7	12	1.4
64	Osteomalacia .....	.....	.....	.....	.....	.....	.....
65	Diseases of the pituitary glands	1	0.1	.....	.....	1	0.1
66	Diseases of the thyroid and parathyroid glands	25	2.9	25	2.9	17	1.9
67	Diseases of the thymus	7	0.8	16	1.8	7	0.8
68	Diseases of the adrenals (Addison's disease)	5	0.6	3	0.3	3	0.3
69	Other general diseases	13	1.5	11	1.3	13	1.5
70	Hæmorrhagic diatheses .....	.....	.....	.....	.....	.....	.....
71	Anæmia	29	3.4	33	3.8	32	3.6
72	Leukæmia and aleukæmia (Hodgkin's disease)	18	2.1	16	1.8	25	2.8
73	Diseases of the spleen	1	0.1	1	0.1	.....	.....
74	Other diseases of the blood and hæmatopoietic organs.....	.....	.....	.....	.....	.....	.....
75	Alcoholism	14	1.6	14	1.6	15	1.7
76	Chronic poisoning by other organic substances.....	.....	.....	1	0.1	.....	.....
77	Chronic poisoning by mineral substances	1	0.1	1	0.1	1	0.1
78	Encephalitis (non-epidemic)	10	1.2	15	1.7	11	1.2
79	Simple meningitis	27	3.2	28	3.2	15	1.7
80	Progressive locomotor ataxia	2	0.2	2	0.2	2	0.2
81	Other diseases of the spinal cord	24	2.8	22	2.5	16	1.8
82	Cerebral hæmorrhage, embolism or thrombosis	176	20.6	170	19.6	157	17.8
83	General paralysis of the insane	13	1.5	7	0.8	3	0.3
84	Dementia præcox and other psychoses.....	30	3.5	23	2.7	30	3.4
85	Epilepsy	25	2.9	21	2.4	23	2.6
86	Convulsions (under 5 years)	39	4.6	61	7.0	52	5.9
87	Other diseases of the nervous system	37	4.4	35	4.0	30	3.4
88	Diseases of the organs of vision	2	0.2	1	0.1	1	0.1
89	Diseases of the ear and mastoid process	7	0.8	17	2.1	20	2.3
90-95	Diseases of the heart	571	67.1	638	73.6	651	73.8
96-97-	.....	.....	.....	.....	.....	.....	.....
99-102	Diseases of the arteries	195	.....	233	.....	259	.....
98	Gangrene	15	.....	6	.....	8	.....
100	Diseases of the veins	11	1.3	5	0.6	3	0.3
101	Diseases of the lymphatic system.....	2	0.2	3	0.3	1	0.1
103	Other diseases of the circulatory system.....	1	0.1	.....	.....	2	0.2
104	Diseases of the nasal fossæ and annexa.....	5	0.6	3	0.5	6	0.7
105	Diseases of the larynx.....	12	1.4	13	1.5	9	1.0
106	Bronchitis	34	4.0	27	3.1	32	3.6
107	Bronchopneumonia	214	25.1	232	26.8	179	20.4
108	Lobar pneumonia .....	.....	.....	.....	.....	.....	.....
109	Pneumonia not specified	321	37.7	310	39.2	264	29.9
110	Pleurisy	20	2.4	27	3.1	19	2.2
111	Congestion and hæmorrhagic infarct of the lung, etc.....	6	0.7	13	1.5	9	1.0
112	Asthma	18	2.1	22	2.5	17	1.9
113	Pulmonary emphysema	1	0.1	2	0.2	.....	.....
114	Other diseases of the respiratory system	18	2.1	14	1.6	15	1.7
115	Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	26	3.1	56	6.5	26	2.9
116	Diseases of the œsophagus .....	.....	.....	.....	.....	1	0.1
117	Ulcer of the stomach or duodenum	33	3.9	36	4.2	34	3.8
118	Other diseases of the stomach.....	49	5.8	49	5.7	43	4.9
119	*Diarrhoea and enteritis (under 2 years of age).....	180	21.2	192	22.2	352	39.9

CAUSES AND RATES PER 100,000, 1928-1937.

1931		1932		1933		1934		1935		1936		1937		List No.
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
25	2.7	24	2.6	19	2.0	24	2.6	14	1.5	23	2.5	36	3.8	1-2
.....	.....	.....	.....	.....	.....	2	0.2	3	0.3	1	0.1	1	0.1	5
.....	.....	1	0.1	1	0.1	.....	.....	2	0.2	.....	.....	.....	.....	6
17	1.8	17	1.8	5	0.5	16	1.7	34	3.7	39	4.2	252	26.8	7
15	1.6	6	0.6	12	1.3	5	0.5	10	1.1	16	1.7	16	1.7	8
54	6.6	40	4.3	34	3.6	68	7.3	90	9.7	50	5.4	47	5.0	9
39	4.2	40	4.3	18	1.9	22	2.4	16	1.7	11	1.2	10	1.1	10
251	27.2	261	28.0	318	34.1	115	15.6	168	18.0	282	30.3	404	43.0	11
19	2.1	21	2.2	12	1.3	13	1.4	10	1.1	36	3.9	27	2.9	13
17	1.8	15	1.6	9	1.0	19	2.0	15	1.6	34	3.7	13	1.4	15
11	1.2	6	0.6	8	0.9	10	1.1	5	0.5	9	1.0	22	2.3	16
5	0.5	10	1.1	4	0.4	4	0.4	6	0.6	11	1.2	7	0.7	17
13	1.4	12	1.3	7	0.8	10	1.1	10	1.1	12	1.3	6	0.6	18
.....	.....	2	0.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	2	0.2	1	0.1	1	0.1	2	0.2	2	0.2	4	0.4	22
326	35.4	281	30.1	297	31.9	293	31.4	272	29.2	279	30.0	303	32.3	23-32
12	1.3	17	1.8	10	1.1	18	1.9	17	1.8	29	3.1	34	3.6	34
.....	.....	1	0.1	1	0.1	.....	.....	1	0.1	.....	.....	1	0.1	35
8	0.9	19	2.0	14	1.5	13	1.4	10	1.1	15	1.6	14	1.5	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	1	0.1	.....	.....	.....	.....	1	0.1	39
.....	.....	.....	.....	2	0.2	.....	.....	.....	.....	.....	.....	1	0.1	41
3	0.3	2	0.2	1	0.1	.....	.....	2	0.2	4	0.4	2	0.2	43
5	0.5	6	0.6	3	0.3	2	0.2	8	0.9	5	0.5	4	0.4	44
585	63.5	568	60.9	593	63.6	636	68.2	631	67.8	710	76.3	689	73.4	45-53
31	3.4	33	3.5	38	4.1	39	4.2	44	4.7	54	5.8	68	7.2	54-55
32	3.5	20	2.1	26	2.8	16	1.7	13	1.4	32	3.4	30	3.2	56
10	1.1	17	1.8	7	0.8	14	1.5	16	1.7	8	0.9	8	0.9	57
85	9.2	94	10.4	81	8.7	75	8.0	84	9.0	91	9.8	81	8.6	59
.....	.....	1	0.1	.....	.....	1	0.1	.....	.....	2	0.2	1	0.1	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0.1	61
2	0.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
8	0.9	6	0.6	6	0.6	2	0.2	4	0.4	10	1.1	7	0.7	63
1	0.1	.....	.....	1	0.1	.....	.....	.....	.....	.....	.....	.....	.....	64
1	0.1	1	0.1	2	0.2	2	0.2	.....	.....	1	0.1	1	0.1	65
19	2.1	25	2.7	22	2.4	26	2.8	23	2.5	33	3.5	31	3.3	66
5	0.5	10	1.1	8	0.9	8	0.9	14	1.5	12	1.3	8	0.9	67
2	0.2	2	0.2	2	0.2	5	0.5	3	0.3	1	0.1	2	0.2	68
4	0.4	8	0.9	10	1.1	10	1.1	9	1.0	10	1.1	13	1.4	69
7	0.8	2	0.2	6	0.6	5	0.5	4	0.4	7	0.8	6	0.6	70
31	3.4	32	3.4	32	3.4	26	2.8	33	3.5	40	4.3	32	3.4	71
17	1.8	26	2.8	22	2.4	29	3.1	35	3.7	32	3.4	24	2.6	72
5	0.5	.....	.....	.....	.....	1	0.1	3	0.3	2	0.2	1	0.1	73
.....	.....	.....	.....	1	0.1	1	0.1	.....	.....	.....	.....	3	0.3	74
8	0.9	3	0.3	3	0.3	7	0.8	3	0.3	2	0.2	7	0.7	75
1	0.1	.....	.....	.....	.....	2	0.2	1	0.1	.....	.....	3	0.3	76
.....	.....	.....	.....	.....	.....	.....	.....	1	0.1	.....	.....	.....	.....	77
3	0.3	6	0.6	16	1.7	12	1.3	10	1.1	14	1.5	15	1.6	78
15	1.6	14	1.5	11	1.2	20	2.1	14	1.5	20	2.1	13	1.4	79
3	0.3	2	0.2	2	0.2	4	0.4	1	0.1	1	0.1	.....	.....	80
13	1.4	13	1.4	23	2.5	17	1.8	13	1.4	11	1.2	22	2.3	81
142	15.4	157	16.8	170	18.2	157	16.8	136	14.6	103	11.1	91	9.7	82
8	0.9	7	0.8	6	0.6	16	1.7	8	0.9	9	1.0	11	1.2	83
26	2.8	27	2.9	39	4.2	52	5.6	43	4.6	26	2.8	29	3.1	84
33	3.6	24	2.6	29	3.1	30	3.2	24	2.6	19	2.0	11	1.2	85
48	5.2	44	4.7	40	4.3	36	3.9	38	4.1	21	2.3	19	2.0	86
24	2.6	25	2.7	26	2.8	27	2.9	25	2.7	36	3.9	37	3.9	87
1	0.1	1	0.1	1	0.1	.....	.....	1	0.1	2	0.2	2	0.2	88
12	1.3	25	2.7	12	1.3	22	2.4	23	2.5	20	2.1	28	3.0	89
656	80.3	718	77.0	771	82.7	815	87.4	859	92.3	877	94.2	879	93.6	90-95
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96, 97
246	.....	242	.....	259	27.8	290	31.1	326	35.0	386	41.5	438	46.6	99, 102
12	.....	5	.....	12	1.3	4	0.4	4	0.4	11	1.2	15	1.6	98
5	0.5	4	0.4	3	0.3	8	0.9	2	0.2	9	1.0	12	1.3	100
2	0.2	2	0.2	3	0.3	.....	.....	9	1.0	3	0.3	4	0.4	101
4	0.4	3	0.3	1	0.1	3	0.3	1	0.1	2	0.2	.....	.....	103
6	0.7	4	0.4	6	0.6	6	0.6	6	0.6	9	1.0	9	1.0	104
4	0.4	9	1.0	8	0.9	10	1.1	4	0.4	11	1.2	7	0.7	105
41	4.8	45	4.9	31	3.3	27	2.9	24	2.6	33	3.5	30	3.2	106
238	25.8	170	18.2	209	22.4	157	16.8	204	21.9	177	19.0	259	27.6	107
166	18.0	142	15.2	127	13.6	172	18.5	217	23.3	188	20.2	217	23.1	108
84	10.2	68	7.3	72	7.7	63	6.8	110	11.8	75	8.1	91	9.7	109
16	1.7	21	2.2	12	1.3	13	1.4	16	1.7	15	1.6	9	1.0	110
17	1.8	13	1.4	16	1.7	17	1.8	18	1.9	17	1.8	13	1.4	111
14	1.5	16	1.7	30	3.2	49	5.3	22	2.4	33	3.5	37	3.9	112
4	0.4	2	0.2	.....	.....	1	0.1	1	0.1	1	0.1	2	0.2	113
11	1.2	8	0.9	13	1.4	5	0.5	15	1.6	10	1.1	12	1.3	114
.....
10	4.3	26	2.8	39	4.2	29	3.1	30	3.2	47	5.0	46	4.9	115
.....	.....	.....	.....	2	0.2	1	0.1	.....	.....	1	0.1	2	0.2	116
45	4.9	51	5.5	53	5.7	41	4.4	65	7.0	48	5.2	62	6.6	117
31	3.4	41	4.4	40	4.3	19	2.0	22	2.4	26	2.8	23	2.4	118
197	21.4	191	20.5	195	11.3	99	10.6	82	8.8	123	13.2	156	16.6	119

TABLE 98.—TOTAL DEATHS FROM ALL CAUSES

List No.	Diseases	1928		1929		1930	
		No.	Rate	No.	Rate	No.	Rate
120	Diarrhoea and enteritis and ulceration of the intestines (2 years and over)						
121	Appendicitis	143	16.8	170	19.7	159	18.0
122	Hernia, intestinal obstruction	73	8.6	62	7.2	75	8.1
123	Other diseases of the intestines	6	0.7	17	2.0	10	1.2
124	Cirrhosis of the liver	14	1.6	8	0.9	16	1.8
125	Other diseases of the liver	34	4.0	37	4.3	35	4.0
126	Biliary calculi	19	2.2	27	3.1	12	1.4
127	Other diseases of the gall-bladder and biliary passages						
128	Diseases of the pancreas	3	0.4	3	0.3	4	0.4
129	Peritonitis (cause not specified)	15	1.8	21	2.4	9	1.0
130	Acute nephritis	29	3.4	22	2.5	24	2.7
131	Chronic nephritis	209	24.6	195	22.5	253	28.7
132	Nephritis, not specified						
133	Other diseases of the kidneys and annexa	24	2.8	22	2.5	12	1.3
134	Calculi of urinary passages	2	0.2	3	0.3	6	0.6
135	Diseases of the bladder (excluding tumours)	6	0.7	9	1.0	3	0.3
136	Diseases of the urethra, urinary abscess, etc.					3	0.3
137	Diseases of the prostate	36	4.2	42	5.0	38	4.3
138	Diseases of the male genital organs (not specified as venereal)	2	0.2	2	0.2		
139	Diseases of the female genital organs (not specified as venereal)	11	1.3	17	2.0	10	1.1
140-150	Pregnancy, labour and puerperal state	124	14.6	132	15.2	112	12.7
151	Carbuncle	3	0.4	5	0.6	1	0.1
152	Cellulitis, acute abscess	16	1.9	10	1.2	8	0.9
153	Other diseases of the skin and annexa and of the cellular tissue	12	1.4	23	2.7	8	0.9
154-156	Diseases of the bones and organs of locomotion	20	2.4	11	1.3	17	1.9
157	Congenital malformations	106	12.5	136	15.7	135	15.3
158	Congenital debility	135	15.9	146	15.8	152	17.2
159	Premature birth	452	53.1	475	54.8	497	56.5
160	Injury at birth						
161	Other diseases peculiar to infancy	86	10.1	78	9.0	88	10.0
162	Senility	116	13.6	120	13.8	124	14.0
163-171	Suicides	78	9.2	95	11.0	127	14.4
173-175	Homicides	16	1.9	18	2.1	14	1.6
176	Attacks by venomous animals						
177	Food poisoning	3	0.4	3	0.3	2	0.2
178	Accidental absorption of toxic gases	4	0.5	9	1.0	0	0.0
179	Other acute accidental poisonings (except by gas)	12	1.4	9	1.0	11	1.2
180	Results of conflagration	22	2.6	16	1.8	18	2.0
181	Accidental burns (conflagration excepted)	40	4.7	32	3.7	28	3.2
182	Accidental mechanical suffocation	12	1.4	13	1.5	8	0.9
183	Accidental drownings	45	5.3	53	6.1	57	6.5
184	Accidental injury by firearms	20	2.4	21	2.4	17	1.9
185	Accidental injury by cutting or piercing instruments	3	0.4	4	0.5		
186	Accidental injuries from falling, crushing, landslide	233		183		168	
187	Cataclysm						
188	Injuries inflicted by animals	16	1.9	21	2.4	20	2.3
189	Hunger and thirst					4	0.4
190	Excessive cold	3	0.4	4	0.5	9	1.0
191	Excessive heat	4	0.5	7	0.8	4	0.4
192	Lightning	4	0.5	4	0.5	4	0.4
193	Accidental electric shocks			2	0.2	8	0.9
194	Other accidents	10	1.2	16	1.8	27	3.1
195	Violent deaths—nature unknown			1	0.1		
198	Capital punishment						
199	Sudden death	1	0.1	4	0.5		
200	Causes of death not specified or ill-defined	61	7.2	82	9.5	37	4.2
*SPECIAL CLASSES OF ACCIDENTAL DEATHS							
A	Accidents in mines and quarries						
B	Accidents caused by machines						
C	Railway accidents						
D	Street car accidents						
E	Automobile and motorcycle accidents						
F	Other land transportation						
G	Water transportation						
H	Air transportation						

*Not separately tabulated previous to 1931.

AND RATES PER 100,000, 1928-1937.—Continued.

1931		1932		1933		1934		1935		1936		1937		List No.
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
35	3.8	38	4.1	29	3.1	30	3.2	25	2.7	32	3.4	47	5.0	120
131	14.2	145	15.5	167	17.9	157	17.1	162	17.1	161	17.3	147	15.7	121
78	8.5	82	8.8	72	7.7	82	8.8	87	9.3	77	8.3	90	9.6	122
3	0.3	13	1.4	8	0.9	7	0.8	14	1.5	5	0.5	8	0.9	123
18	2.0	12	1.3	13	1.4	6	0.6	22	2.4	22	2.4	19	2.0	124
6	0.7	13	1.4	8	0.9	2	0.2	8	0.9	6	0.6	4	0.4	125
19	2.1	23	2.5	25	2.7	30	3.2	30	3.2	38	4.1	37	3.9	126
35	3.8	35	3.8	28	3.0	26	2.8	43	4.6	31	3.3	39	4.2	127
.....	.....	3	0.3	5	0.5	7	0.8	4	0.4	5	0.5	2	0.2	128
11	1.2	12	1.3	10	1.1	17	1.8	8	0.9	6	0.6	7	0.7	129
15	1.6	10	1.1	20	2.1	19	2.0	19	2.0	19	2.0	18	1.9	130
207	22.4	228	24.4	214	23.0	230	24.7	224	24.1	202	21.7	226	24.1	131
22	2.4	30	3.2	23	2.5	28	3.0	25	2.7	25	2.7	24	2.6	132
23	2.5	20	2.1	16	1.7	19	2.0	19	2.0	14	1.5	24	2.6	133
6	0.7	3	0.3	5	0.5	7	0.8	2	0.2	12	1.3	15	1.6	134
3	0.3	8	0.9	5	0.5	6	0.6	6	0.6	11	1.2	5	0.5	135
2	0.2	2	0.2	2	0.2	3	0.3	1	0.1	2	0.2	.....	.....	136
14	1.8	60	6.4	48	5.2	57	6.1	73	7.8	67	7.2	82	8.7	137
1	0.1	.....	.....	2	0.2	2	0.2	4	0.4	3	0.3	3	0.3	138
14	1.5	7	0.8	12	1.3	9	1.0	13	1.4	16	1.7	13	1.4	139
93	10.1	102	10.9	92	9.9	86	9.2	80	8.6	86	9.2	86	9.2	140-150
3	0.3	3	0.3	4	0.4	2	0.2	2	0.2	2	0.2	3	0.3	151
6	0.7	5	0.5	8	0.9	9	1.0	10	1.1	8	0.9	16	1.7	152
3	0.3	7	0.8	4	0.4	12	1.3	5	0.5	5	0.5	5	0.5	153
21	2.3	17	1.8	15	1.6	13	1.4	10	1.1	12	1.3	25	2.7	154-156
120	13.0	112	12.0	103	11.1	95	10.2	104	11.2	89	9.6	114	12.1	157
98	10.6	104	11.1	96	10.3	88	9.4	83	8.9	53	5.7	63	6.7	158
376	40.8	382	40.9	314	33.7	286	30.7	288	30.9	275	29.5	270	28.8	159
72	7.8	71	7.6	72	7.7	76	8.2	71	7.6	48	5.2	59	6.3	160
101	11.0	101	10.8	100	10.7	96	10.3	73	7.8	76	8.2	61	6.5	161
136	14.8	150	16.1	149	16.0	129	13.8	129	13.9	123	13.2	116	12.4	162
76	8.2	74	7.9	93	10.0	105	11.3	99	10.6	88	9.5	87	9.3	163-171
12	1.3	1	0.8	14	1.5	11	1.2	16	1.7	13	1.4	9	1.0	173-175
.....	.....	.....	.....	2	0.2	.....	.....	2	0.2	.....	.....	.....	.....	176
1	0.1	4	0.4	.....	.....	3	0.3	1	0.1	.....	.....	3	0.3	177
9	9.8	7	0.8	9	1.0	5	0.5	10	1.1	8	0.9	6	0.6	178
14	1.5	10	1.1	11	1.2	15	1.6	10	1.1	11	1.2	4	0.4	179
12	1.3	8	0.9	21	2.3	17	1.8	16	1.7	11	1.2	8	0.9	180
22	2.4	23	2.5	28	3.0	32	3.4	30	3.2	31	3.3	38	4.0	181
20	2.2	14	1.5	19	2.0	10	1.1	15	1.6	13	1.4	22	2.3	182
62	6.7	52	5.6	59	6.3	41	4.4	37	4.0	46	4.9	34	3.6	183
18	2.0	17	1.8	12	1.3	15	1.6	14	1.5	10	1.1	18	1.9	184
6	0.7	11	1.2	12	1.3	7	0.8	8	0.9	6	0.6	9	1.0	185
139	15.1	123	13.2	140	15.0	123	13.2	122	13.1	164	17.6	165	17.6	186
1	0.1	.....	.....	.....	.....	.....	.....	3	0.3	.....	.....	.....	.....	187
28	3.0	19	2.0	16	1.7	13	1.4	18	1.9	24	2.6	16	1.7	188
1	0.1	5	0.5	2	0.2	.....	.....	.....	.....	2	0.2	.....	.....	189
5	0.5	7	0.8	6	0.6	10	1.1	15	1.6	6	0.6	8	0.9	190
11	1.2	5	0.5	2	0.2	2	0.2	5	0.5	13	1.4	1	0.1	191
1	0.1	2	0.2	5	0.5	5	0.5	2	0.2	4	0.4	.....	.....	192
.....	.....	4	0.4	.....	.....	.....	.....	3	0.3	.....	.....	1	0.1	193
11	1.2	11	1.2	8	0.9	8	0.9	15	1.6	11	1.2	19	2.0	194
.....	.....	3	0.3	.....	.....	3	0.3	3	0.3	2	0.2	3	0.3	195
1	0.1	1	0.1	.....	.....	3	0.3	.....	.....	.....	.....	.....	.....	198
25	2.7	27	2.9	25	2.7	34	3.6	23	2.5	11	1.2	16	1.7	199
35	3.8	42	4.5	48	5.2	31	3.3	26	2.8	20	2.1	10	1.1	200
.....
.....	.....	3	0.3	5	0.5	3	0.3	2	0.2	2	0.2	1	0.1	A
15	1.6	21	2.2	29	3.1	16	1.7	20	2.1	26	2.8	19	2.0	B
21	2.3	23	2.5	15	1.6	16	1.7	17	1.8	22	2.4	28	3.0	C
2	0.2	.....	.....	.....	.....	.....	.....	.....	.....	1	0.1	.....	.....	D
50	5.4	35	3.8	32	3.4	30	3.2	40	4.3	47	5.0	47	5.0	E
24	2.6	41	4.4	23	2.5	29	3.1	18	1.9	33	3.5	20	2.1	F
2	0.2	13	1.4	3	0.3	4	0.4	3	0.3	8	0.9	5	0.5	G
2	0.2	1	0.1	3	0.3	1	0.1	3	0.3	1	0.1	6	0.6	H

TABLE 99.—BIRTHS, DEATHS AND INFANT MORTALITY OF INDIANS
(EXCLUSIVE OF STILLBIRTHS) BY MONTHS, 1937.

	Total	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Births	686	69	71	74	65	61	55	46	52	46	52	46	49
Deaths	580	46	53	107	75	39	46	31	34	30	40	44	35
Infant mortality	200	18	20	40	21	10	14	11	14	9	15	18	10

TABLE 100.—BIRTHS OF INDIANS (EXCLUSIVE OF STILLBIRTHS) CLASSIFIED
AS LEGITIMATE OR ILLEGITIMATE, 1937.

	Total Births			Legitimate			Illegitimate		
	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the province	686	336	350	619	299	320	67	37	30

TABLE 101.—BIRTHS OF INDIANS (EXCLUSIVE OF STILLBIRTHS) CLASSIFIED
ACCORDING TO AGES OF PARENTS, 1937.

Age of father	Total	Age of mother			
		Under 20	20-29	30-39	40-49
Under 20 years	5	1	4	.....	.....
20-29 years	260	60	184	16	.....
30-39 years	216	3	103	106	4
40-49 years	115	1	17	66	31
50 years and over	21	.....	6	6	9
Not stated	2	1	1	.....	.....
Children born to married mothers	619	66	315	194	44
Children born to unmarried mothers	67	20	34	11	2
Children born	686	86	349	205	46

TABLE 102.—DEATHS OF INDIANS (EXCLUSIVE OF STILLBIRTHS)
BY AGE GROUPS, 1937.

	Total	Male	Female		Total	Male	Female
All Ages	580	312	268	50-54 years ..	4	3	1
Under 1 year	200	124	76	55-59 years ..	10	4	6
1- 4 years ..	120	72	48	60-64 years ..	12	6	6
5- 9 years ..	36	21	15	65-69 years ..	6	4	2
10-14 years ..	24	15	9	70-74 years ..	12	6	6
15-19 years ..	33	9	24	75-79 years ..	8	3	5
20-24 years ..	36	15	21	80-84 years ..	5	2	3
25-29 years ..	7	3	4	85-89 years ..	7	3	4
30-34 years ..	14	3	11	90-94 years ..	7	4	3
35-39 years ..	16	8	8	95-99 years ..	3	1	2
40-44 years ..	8	4	4	100 years and			
45-49 years ..	6	1	5	over	4	1	3
				Not stated ...	2	..	2

TABLE 105.—DEATHS OF INDIAN CHILDREN UNDER ONE YEAR (exclusive of Stillbirths) BY AGE AT DEATH, 1937.

Age	No.	Age	No.
All infants Total	200	3 months and under Total	7
M.	124	4 months M.	6
F.	76	F.	1
Under 1 day Total	12	4 months and under Total	16
M.	8	5 months M.	11
F.	4	F.	5
1 day and under 1 week Total	27	5 months and under Total	10
M.	21	6 months M.	4
F.	6	F.	6
1 week and under 2 weeks Total	9	6 months and under Total	12
M.	8	7 months M.	10
F.	1	F.	2
2 weeks and under 3 weeks Total	12	7 months and under Total	16
M.	6	8 months M.	8
F.	6	F.	8
3 weeks and under 1 month Total	8	8 months and under Total	8
M.	3	9 months M.	3
F.	5	F.	5
1 month and under 2 months Total	21	9 months and under Total	5
M.	9	10 months M.	2
F.	12	F.	3
2 months and under 3 months Total	12	10 months and under Total	12
M.	10	11 months M.	5
F.	2	F.	7
		11 months and under Total	13
		12 months M.	10
		F.	3

TABLE 106.—DEATHS OF INDIAN CHILDREN (exclusive of Stillbirths) FROM CERTAIN SPECIFIED CAUSES IN FIRST YEAR OF LIFE FOR EACH SEX, 1937.

Int. List No.	Causes of death	Total	M.	F.
	All causes	200	124	76
7	Measles	37	22	15
11	Influenza	29	21	8
13	Dysentery	4	3	1
23	Tuberculosis of the respiratory system	13	10	3
24	Tuberculosis of the meninges and central nervous system	2	1	1
25-32	Tuberculosis, other forms	1	1	..
34	Syphilis	1	1	..
79	Simple meningitis	1	..	1
106	Bronchitis	1	..	1
107	Bronchopneumonia	22	15	7
108-109	Pneumonia	22	10	12
116-118	Diseases of the stomach	1	..	1
119	Diarrhœa and enteritis	13	7	6
122	Hernia, intestinal obstruction	2	2	..
157	Malformations	6	3	3
	(c) Congenital malformations of the heart	2	1	1
	(b, d, e) Others under this title	4	2	2
158	Congenital debility	19	9	10
159	Premature birth	13	9	4
160	Injury at birth	1	1	..
161	Other diseases peculiar to early infancy (under 3 months)	8	7	1
	(a-e) Specified diseases	4	4	..
	(f) No cause given, no doctor in attendance	4	3	1
176-198	Other external causes	2	1	1
	Other specified causes	1	..	1
199-200	Unspecified or ill-defined causes	1	1	..

TABLE 107.—SEARCHES, CERTIFICATES AND CORRESPONDENCE, 1937.

Applications for searches and certificates received	11,527
Number of searches made	11,348
Birth certificates issued	9,274
Marriage certificates issued	612
Death certificates issued	956
Divorce certificates issued	39
Total number of certificates issued	10,881
Searches for Bureau of Child Protection	115
Certificates issued for Bureau of Child Protection	44
Searches for legal purposes	560
Certificates issued for legal purposes	107
Searches for mothers' allowances	895
Certificates issued for mothers' allowances	29
Searches for military and old age pensions	416
Certificates issued for military and old age pensions	355
Marriage licenses issued	4,300
Changes of name	152
Letters received	46,359
Letters written	56,211



